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SIR ISAAC NEWTON  
A CATALOGUE OF  
MANUSCRIPTS AND PAPERS



# Sir Isaac Newton

A Catalogue of

## **MANUSCRIPTS AND PAPERS**

collected and published on microfilm by Chadwyck-Healey

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Edited by

PETER JONES

KING'S COLLEGE, CAMBRIDGE

CHADWYCK-HEALEY

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## INTRODUCTION

*Sir Isaac Newton: Manuscripts and Papers* brings together the most comprehensive possible collection of Newton's writings. The net has been cast wide. Even those researchers who are familiar with the contents of the three major collections will appreciate the value of the items included from less well-known sources. The range of material is vast extending from notes scribbled hastily on scraps of paper, through notebooks kept by Newton of his reading and experiments, to drafts of many published and unpublished writings, including successive versions of the *Principia*.

The manuscripts and papers include commonplace books, working notes and drafts of his mathematical discoveries, his work in optics and dynamics, and his chemical experiments (including alchemy); shipbuilding blueprints; educational projects; ecclesiastical calendars; historical theology; interpretations of mythology; world geography; economic treatises; records of the Royal Mint; chronological and historical studies of ancient Kingdoms; commentaries on Daniel and the Apocalypse; and medical treatises and potions.

In recent years vital editorial labour has been devoted to the publishing of Newton's mathematical papers, drafts of the *Principia*, and currently, his papers on optics. But there remains a very considerable quarry of unpublished papers in the collection. For example, a notebook which has excited considerable interest is the 'Quaestiones quaedam philosophicae', in the Cambridge University Library collection. These questions on natural philosophy, written c. 1663/4 in a small notebook of 140 leaves, contain reflections from Newton's earliest thinking on a range of topics---comets, the ebb and flow of the sea, minerals, and optics, etc.---that foreshadow much of his later research.

Newton's alchemical papers are one of the

least known features of his writing. Yet they spring from the same philosophical background as his work on other sciences and are essential to a full understanding of his scientific ideas. Most are in the collection of King's College, Cambridge. They include speculations and experiments by Newton himself and his notes on the alchemical writings of others, published and unpublished. Only by putting together the alchemical writings with Newton's experimental notebooks can sense be made of the whole. Keynes MS 18 (King's College, Cambridge) is representative of Newton's early alchemy, and was written on three pages some time between 1675 and 1680. It is entitled *Clavis "The Key"*, and describes in sufficient detail to make the experiment repeatable, how to make a "philosophical mercury", a metal that would dissolve all other metals, even gold.

From the Yahuda collection now in Jerusalem come drafts of a work on the Apocalypse in Newton's hand (Yahuda MS 1). It is a good example of the voluminous writings on religion which are the particular feature of the Yahuda collection, and which reflect Newton's passionate commitment to his unorthodox opinions on prophecy, the nature of the Trinity, and other contentious religious issues of his time. This particular work contains 550 pages of Newton's writing, none of it ever published before.

But these illustrations only hint at the number and quality of the manuscripts which this microfilm edition contains.

It offers access to a body of mostly unpublished, often fragile and, for many, inaccessible material for the first time.

Researchers in the various modern disciplines for which some part of Newton's work has relevance can now study the full range of his writings in their own library.

The major part of the collection is made up of the complete holdings of

Cambridge University Library  
King's College Library, Cambridge  
The Jewish National and University Library

other material has been gathered from

Trinity College, Cambridge  
The British Library  
Bodleian Library  
The Royal Society  
Edinburgh University Library  
The Fitzwilliam Museum  
The Public Record Office  
New College, Oxford  
Lambeth Palace Library  
St Andrews University Library  
Hampshire Record Office  
Institute of Metals, London  
Smithsonian Institution  
Babson College, Massachusetts  
Boston Medical Library, Massachusetts  
American Philosophical Society  
University of Kentucky  
Massachusetts Institute of Technology  
Pierpont Morgan Library  
Stanford University Library  
University of Madison-Wisconsin Library  
Yale Medical Library  
Andrews University, Michigan  
Harry Ransom Humanities Research Center,  
Austin, Texas  
Martin Bodmer Foundation, Geneva

Generally all manuscripts and papers are included though some official documents signed by Newton or ephemera with no scientific or literary interest have been excluded from the smaller collections. Correspondence is omitted unless it forms an integral part of the collection and no attempt has been made to duplicate the contents of The Royal Society edition of the correspondence. The three major collections have been reproduced in their entirety.

#### *Access to the microfilm collection*

This *Catalogue* has been specially compiled to accompany and facilitate access to the microfilm edition of *Sir Isaac Newton: Manuscripts and Papers*.

It is based on the two principal catalogues of Newton's papers, the *Catalogue of the Portsmouth Collection* (1888) and *Sotheby's Catalogue of the Newton papers sold by order of the Viscount Lymington* (1936). Both of these catalogues are reproduced in full on Reel 1 of the collection.

The *Catalogue* is arranged in reel number order and items are listed in the order in which they appear on the individual reels. Details of the current location of each item are given together with a catalogue description taken from one of the above-mentioned sources or provided by the holding institution.

For the benefit of readers wishing to access the microfilm edition from either of the two main catalogues, an appendix to this *Catalogue* provides the necessary cross-indexing. Those lots in the Sotheby's *Catalogue* that have been included in the microfilm edition are listed in lot number order and indexed to the running numbers assigned to the items in the main body of the *Catalogue*. In addition those sections of the *Portsmouth Catalogue* that describe holdings now in the Cambridge University Library collection have also been listed in order and similarly indexed.

#### *Acknowledgments*

The editor and publishers are grateful to all the institutions that have made material available for the microfilm edition and to all the individuals who have facilitated access to the collections in their care. We also thank the photographic departments of these institutions, where most of the filming of these difficult and delicate manuscripts was skilfully undertaken.

Unfortunately we have been unable to include the holdings of some libraries in this edition. Columbia University Library, New York, holds three short autograph manuscripts; the Beinecke Library of Yale University has a few Newton manuscripts in its Mellon Alchemical Collection, including Sotheby lots 36 and 47; the William Andrews Clark Library at Los Angeles has two autograph manuscripts including the substantial Sotheby lot 266; the Schaffner Collection in the University of Chicago Library contains a number of short autograph manuscripts including Sotheby lots 27, 46 and 79. None of this material is in the microfilm edition and researchers wishing to obtain copies of the items should apply to the libraries concerned.

All material is reproduced with the permission of the holding institutions concerned. The arrangement of the material on film is the copyright of the publishers.

# INDEX TO MANUSCRIPT SOURCES

<i>Location of Manuscript items</i>	<i>Item numbers</i>
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Boston Medical Library (Edwin Newton Ohl Collection) Francis A. Countway Library of Medicine Boston, MA	320-322
British Library London	218
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<i>Location of Manuscript items</i>	<i>Item numbers</i>
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Smithsonian Institution (Burndy Collection) Washington, DC	343-351

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<i>Location of Manuscript items</i>	<i>Item numbers</i>
St Andrews University Library St Andrews, Scotland	237-239
Stanford University Library Stanford, California	327-338
Trinity College Library Cambridge, England	183-199
University of Wisconsin-Madison Madison, WI	356
Yale Medical Library New Haven, CT	339-340



SIR ISAAC NEWTON MANUSCRIPTS AND PAPERS

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# A CATALOGUE OF THE MICROFILM COLLECTION

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Location	Description
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## REEL ONE

### FINDING AIDS TO THE MICROFILM COLLECTION

*A catalogue of the Microfilm Collection.*

*A catalogue of the Portsmouth Collection of books and papers written by or belonging to Sir Isaac Newton.*  
Cambridge: At the University Press. 1888.

*Catalogue of the Newton Papers sold by order of the Viscount Lyvington.* London: Sotheby's. 1936.

## REEL TWO

### Cambridge University Library

1. Add. MS. 3958

EARLY PAPERS BY NEWTON. (Holograph.)

1. Extracts by Newton  
From Hooke's *Micrographia*,  
From the History of the Royal Society,  
From the *Philosophical Transactions*.  
Notes of some Mines in Derbyshire and Cardiganshire.
2. Scraps and Extracts made by Newton, including two little notes on tangents and musical semi-tones.

Location	Description
	<p>3. A tract in English written in 1666, entitled "To resolve problems by Motion."</p> <p>Also short tracts entitled</p> <p style="padding-left: 2em;">De Solutione Problematum per Motum.</p> <p style="padding-left: 2em;">De Gravitate Conicarum.</p> <p style="padding-left: 2em;">Problems of Curves.</p> <p>4. Calculation of the Area of the Hyperbola.</p> <p>5. On the Laws of Motion.</p> <p style="padding-left: 2em;">On the Laws of Reflection.</p> <p style="padding-left: 2em;">On Motion in a Cycloid.</p> <p>6. Problems in Geometrical Optics.</p>
2. Add. MS. 3959	<p style="text-align: center;">ELEMENTARY MATHEMATICS. (Holograph.)</p> <p>1. Observations on the Algebra of Kinckhuysen.</p> <p>2. The first Ten Propositions of the 2nd book of Euclid, succinctly enunciated and demonstrated.</p> <p>3. Theorem on the Area of a Triangle.</p> <p>4. Trigonometria succinctè proposita et nova methodo demonstrata a S<sup>t</sup> Joanne Hareo Arm.</p> <p>5. A few MS. leaves, containing Compendium Trigonometriae. It includes Spherical Trigonometry. Intended for learners.</p> <p>6. Table of sines to every half degree.</p>
3. Add. MS. 3960	<p style="text-align: center;">FLUXIONS.</p> <p>1. Transcript of a Tract on Fluxions said to have been written by Newton in November, 1666.</p> <p>2. Tract relating to the History of Fluxions, transcribed from one which was probably written by Jones.</p> <p>3. Part of Newton's method of Fluxions and Infinite Series, with a fragment of the same treatise. (Holograph.)</p> <p>4. Part of a Tract on Fluxions.</p> <p>5. Some Propositions in Fluxions. ["I think this fragment very proper to be published." Horsley, Oct. 22, 1777.]</p> <p>6. Analysis per quantitates fluentes et eorum momenta.</p> <p>7. Method of Fluxions and Infinite Series.</p> <p>8. On the solution of Fluxional Equations.</p> <p>9. Fluxions applied to Curves.</p> <p>10. Propositions in the Method of Fluxions (dotted letters employed).</p> <p>11. Propositions in Fluxions (dotted letters employed).</p> <p>12. An early paper on deducing the subnormal in a curve from a given rational relation between <math>x</math> and <math>y</math>, and the converse operation.</p> <p>13. Fragments on Fluxions.</p> <p>14. Method of Curves and Infinite Series, and application to the Geometry of Curves. Complete all but the 1st leaf.</p>

Location	Description
4. Add. MS. 3961	ENUMERATION OF LINES OF THE THIRD ORDER. (Holograph.) <ol style="list-style-type: none"> <li>1. An early copy.</li> <li>2. A later copy.</li> <li>3. On the curves of the third order, produced by the projections of the Parabola Neiliana.</li> <li>4. Fragments concerning lines of the third order, and some mistakes of Descartes ["not worth publishing." S. Horsley, Oct. 23, 1777].</li> </ol>

## REEL THREE

Cambridge University  
Library

5. Add. MS. 3962	ON THE QUADRATURE OF CURVES. (Holograph.) <ol style="list-style-type: none"> <li>1. A copy which appears to be pretty complete.</li> <li>2. A fragment on the same subject.</li> <li>3. Scattered papers on the same subject, in great confusion</li> <li>4. Another fragment on the same.</li> <li>5. Note on Quadrature of Curves, intended as a Supplement to Section 10 of Book I. of the Principia.</li> <li>6. Fragment on the Quadrature of Curves whose equations consist of but three terms.</li> </ol>
6. Add. MS. 3963	PAPERS RELATING TO GEOMETRY. (Holograph.) <ol style="list-style-type: none"> <li>1. De Problematum resolutione Synthetica.</li> <li>2. Geometria. Liber 1. A fragment.</li> <li>3. Geometry, a fragment on Porisms.</li> <li>4. Analysis Geometrica. Regula Datorum.</li> <li>5. Newton's Regula Fratrum.</li> <li>6. Fragment relating to Curves.</li> <li>7. Geometria Curvilinea and Fluxions.</li> <li>8. Scraps containing Propositions in Geometry; viz. .               <ol style="list-style-type: none"> <li>(a) To describe a Conic Section through five given points; and</li> <li>(b) To describe a Conic Section passing through two points and touching three given straight lines.</li> </ol> </li> <li>9. Tract on the construction of Equations, unfinished.</li> <li>10. On the Properties of Curves.</li> <li>11. Part of a Treatise on Geometry (in Latin).</li> <li>12. De Compositione Locorum Solidorum.</li> </ol>

Location	Description
	<p>13. Solutio Problematis Veterum de Loco Solido.</p> <p>14. Fragments relating to the writings of the Ancients in general, but especially to the Porisms of Euclid, and the Loci of Apollonius ["very curious and fit to be published." S. Horsley, Oct. 26, 1777].</p> <p>15. Remarks on the nature and objects of Arithmetic, Geometry, and Mechanics.</p> <p>16. A fragment, relating to the Comparison of Curved Surfaces.</p>
7. Add. MS. 3964	<p>MISCELLANEOUS MATHEMATICAL SUBJECTS. (Holograph, exc. 7.)</p> <p>1. Problemata Numeralia.</p> <p>2. Arithmetica Universalis. A chapter on the limits of the roots of equations (see p. 184 of Leyden Ed. of Univ. Arith. 1732).</p> <p>3. De serierum proprietatibus.</p> <p>4. On Quadrature by Ordinates.</p> <p>5. Regula differentiarum &amp;c.</p> <p>6. Bernouilli's problem on drawing lines cutting a series of curves according to any given law. Phil. Trans. 1716.</p> <p>7. Errata in Dr Barrow's Conicks and in his Archimedes, with a letter to Newton about the latter Errata.</p> <p>8. Scraps of calculations.</p>
8. Add. MS. 3969	<p>ASTRONOMY.</p> <p>1. Astronomical communications from Flamsteed, including longitudes and latitudes of stars for 1686, and of 21 stars compared with the comet of 1680.</p> <p>2. Lunar distances in 1677 and in 1685, by Flamsteed, with copies of these two papers, one by Newton.</p> <p>3. Equations of Moon's Apogee. Table by Newton for Flamsteed. Elements of the Comets of 1472, 1580, 1585, 1652, 1661, 1665, 1672, 1677, and 1686, as calculated by Halley.</p> <p>4. Eclipse Tables for a period of 18 years, by Halley.</p> <p>5. Observations of Eclipses, sent to Newton from various quarters, with a diagram of the annular eclipse of 1686 by E. de Louville (Paris).</p> <p>6. Transits of Satellites of Jupiter and of their shadows across the disc of the planet, observed by Pound at Wanstead.</p> <p>7. Table of Declinations of every 5<sup>th</sup> degree of the Zodiac.</p>
9. Adv.d.39.2	<p>Lettres de M. Leibnitz and M. le Chevalier Newton sur l'invention des Fluxions et du Calcul Differentiel.</p> <p>This is a proof of part of the 1st edition of Desmaizeaux's Recueil, with corrections. (Several pages are wanting at the end.)</p>

Location	Description
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## REEL FOUR

Cambridge University  
Library

10. Add. MS. 3965

PAPERS CONNECTED WITH THE PRINCIPIA. (Mostly Holograph.)

A. *General.*

1. Propositions on Elliptic Motion.
2. A fragment in which Fluxions are employed in finding the Centripetal force in an Orbit.
3. Propositions afterwards included in the Principia, but differently numbered.
4. A small fragment (early) of the Principia.
5. De Motu Corporum.
6. Propositiones De Motu Corporum.  
The references do not agree with the Principia.
7. Propositiones de Motu.  
Several copies differing somewhat from each other, of which one is printed in Rigaud's "Historical Essay" Appendix, No 1.
8. Corrections to copy of Propositions on Motion forming probably an early draft of part of the Principia.
9. Proposed Corrections probably for 1st Edition of the Principia.
10. On the Resistance of fluids; account of Hauksbee's experiments, with Newton's deductions; chiefly rough notes.
11. Revision of the Principia. Notes relating to Calculation of orbits of Comets.
12. Additions and Corrections to 1st Edition of the Principia.

## REEL FIVE

Cambridge University  
Library

11. Add. MS. 3965 (cont.)

13. Additions and Corrections to the 2nd Edition of the Principia.
14. Observations and Calculations about Comets.
15. Draft of part of the Preface to the 1st Edition of the Principia. Not quite as printed, in part fuller.
16. Preface and Preparations for 3rd Edition of the Principia.
17. Very rough fragments relating to the Principia.
18. Miscellaneous Calculations.
19. Corrections to 1st Edition of the Principia (terribly damaged by fire).
20. Dr Halley's account of the Principia given to K. James II.

Location	Description		
REEL SIX	Cambridge University Library	12. Add. MS. 3968	PAPERS RELATING TO THE DISPUTE RESPECTING THE INVENTION OF FLUXIONS.
		1. Apographum Schediasmatis a Newtono olim scripti, 13 Nov. 1665.	
		2. Printed Title-page of the 1st Edition of the <i>Commercium Epistolicum</i> , with proposed additions to the Title of the 2nd Edition.	
		3. Notes on the Correspondence in Wallis's Works, Vol. 3.	
		4. <i>Notæ ad Acta Eruditorum</i> .	
		5. Rough drafts of the Leibnitz Scholium in the 2nd Edition of the <i>Principia</i> , and proposed additions to it.	
		6. <i>Enarratio plenior Scholii præcedentis</i> .	
		7. <i>Mens Scholii præcedentis</i> .	
		8. An account of the <i>Commercium Epistolicum</i> (several varying copies).	
		9. Papers relating to the origin of the Dispute.	
		10. Collations for the History of the Infinitesimal Analysis.	
		11. Fragment of "An account of the Differential Method from the year 1677 inclusively."	
		12. History of the Method of Fluxions. (Several copies with varying Titles.)	
		13. " <i>Historia Methodi Infinitesimalis</i> " (several varying copies), with <i>Corrigenda</i> to the English copy of the " <i>Recensio</i> " published in <i>Phil. Trans.</i> Jan., Feb., 1714-5.	
		14. <i>Annotationes in Commercium Epistolicum</i> .	
		15. Appendix containing Newton's proofs of his priority to Leibnitz, &c. (A fragment.)	
		16. Newton's Statement of the case in dispute between Leibnitz and himself.	
		17. Draft (holograph) of Newton's Letter to the Editor of <i>Memoirs of Literature</i> , May, 1712 (never published). (See Brewster, ii. 283.)	
		18. Copy in Newton's hand of Leibnitz's letter to Hans Sloan, 29th Dec., 1711.	
		19. References to the original letters contained, or intended to be contained, in the <i>Commercium Epistolicum</i> .	
		20. Latin translation (copy) of the <i>Recensio</i> given in <i>Phil. Trans.</i> No. 342, differing from that given in the Second Edition of the <i>Commercium Epistolicum</i> .	
		21. ' <i>Ad Lectorem</i> ,' prefixed to the 2nd Edition of the <i>Commercium Epistolicum</i> . (Several drafts.)	
		22. Latin letter (copy) of John Keill to Hans Sloan. May, 1711.	
23. Keill's letter (copy) to John Bernouilli, translated into French after July, 1716, with some notes on it in Newton's hand.			

Location	Description
	24. Extract from a letter of Leibnitz complaining of an attack on his "bonne foi."
	25. Bernouilli's problem in the Acta Eruditorum for Oct. 1698.
	26. Historical Annotations on the Elogium of Leibnitz.
	27. Several drafts of letters of Newton to Des Maizeaux after the death of Leibnitz. (Holograph.)
	28. Remarks on Leibnitz's first Letter to the Abbé Conti.

## REEL SEVEN

Cambridge University  
Library

## 13. Add. MS. 3968 (cont.)

29. Proposed addition to the "Remarks" on Leibnitz's second Letter to the Abbé Conti—after Leibnitz's death. (Des Maizeaux, Vol. 2, pp. 82–106.)
30. Drafts of a letter to a friend of Leibnitz (probably Chamberlayne), defending Keill. Also copy of English translation of Leibnitz's letter to Chamberlayne (in Newton's hand).
31. Copy by Newton of Leibnitz's letter of 9th Ap. 1716, to De Monmort, and draft of Newton's Observations upon it given in Raphson's Hist. of Fluxions, App. p. 111.
32. Newton's observations on the Synopsis given in the Leipzig Acts of Jones's "Analysis per quantitatum Series," &c. (Lond. 1711).
33. Animadversions on Monmort's letter to N. Bernouilli, dated 20th Aug. 1713, and printed in the 2nd Edition of his Analysis upon the play of Hazard.
34. John Bernouilli's letter of 7th June, 1713, with Newton's Observations upon it.
35. Extract from Bernouilli's Notice of July, 1713 (the Charta Volans), and "Remarques sur la dispute entre Mons. Leibnitz et Mons. Newton," &c., with Newton's Observations upon them.
36. Contents of Des Maizeaux's Recueil, &c. Copies of letters which are published in Des Maizeaux's Recueil.
37. Several drafts of an intended Preface to the *Commercium Epistolicum*.
38. Letter of Newton to the Abbé Conti in reply to the Postscript of Leibnitz to the same. This letter refers to the 1st Postscript given in Des Maizeaux.
39. Draft of part of the "Account of the *Commercium Epistolicum*," &c., inserted in the Phil. Trans.
40. Errata in Raphson's History of Fluxions.
41. Unarranged fragments relating to the dispute with Leibnitz.

Location	Description
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42. Drafts of Letters of Newton to Varignon and others, relating to Bernoulli's Letter of 7 June, 1713, which had been disavowed by the writer.

## REEL EIGHT

### Cambridge University Library

14. Add. MS. 3966

#### PAPERS CONNECTED WITH THE PRINCIPIA.

##### B. *Lunar Theory.*

1. Papers on the Lunar Theory found in interleaved copy of 1st Edition of Principia (damaged by fire).

2. Propositions prepared to be used in the Lunar Theory (greatly damaged by fire).

3. Fragments on the Lunar Theory (greatly damaged by fire).

4. Propositions in the Lunar Theory, found on loose sheets placed at the end of the interleaved copy of the 1st Edition of the Principia.

These were probably intended to be employed in a 2nd Edition, but the design was not carried out.

5. Notes on the law of change of the Moon's variation according to the change of the Sun's distance; and on the mutual action of Jupiter and Saturn.

6. Unarranged fragments connected with points of the Lunar Theory.

7. On change of the variation in an excentric orbit, and on the motion of the Moon's Apogee.

8. A list of Propositions in the Lunar Theory, prepared for a 2nd Edition of the Principia, but not used.

9. Propositions relating to the Lunar Theory, including a Scholium, differing from that inserted in the 2nd Edition.

10. On the Theory of the Moon.

(Various statements of the principal points of this Theory.)

11. Propositions 'De motu nodorum Lunæ,' prepared for the 3rd Edition of the Principia.

12. Motion of the Moon's Apogee. This consists of two Lemmas, prepared for press; two Propositions, in duplicate; and an imperfect copy of one of these propositions, with a rough draft of an investigation of the horary variation of the Inclination.

The Propositions are not numbered, and therefore they were perhaps intended to be worked up for the 1st Edition.

13. Calculations for forming Lunar Tables.

14. Various Lunar Tables.

15. Comparisons of calculated places of the Moon with Observations.

Location	Description
15. Add. MS. 3967	<p style="text-align: center;">PAPERS CONNECTED WITH THE PRINCIPIA.</p> <p style="text-align: center;">C. <i>Mathematical Problems.</i></p> <ol style="list-style-type: none"> <li>1. To find the True Anomaly from the Mean.</li> <li>2. Fragment on the Solid of least resistance.</li> <li>3. Atmospheric Refraction, with detailed calculation of the Refraction at the altitudes 0°, 3°, 12° and 30°.</li> <li>4. Altitudes by the Barometer.</li> </ol>
16. Add. MS. 3970	<p style="text-align: center;">HYDROSTATICS, OPTICS, SOUND, AND HEAT.</p> <ol style="list-style-type: none"> <li>1. A treatise, with a table, on the Division of a Monochord. Not in Newton's hand, but apparently of his composition. Followed by an extract in his hand "out of Mr Sympson's Division Violist."</li> <li>2. Scrap relating to the velocity of sound; also on the back a note on the proportionality of mass to weight.</li> <li>3. Manuscript copy of Newton's Optical writings, and of controversies about them.</li> </ol>
REEL NINE	
<b>Cambridge University Library</b>	
17. Add. MS. 3970 (cont.)	<ol style="list-style-type: none"> <li>3. Manuscript copy of Newton's Optical writings, and of controversies about them.</li> <li>4. Latin draft of the Opticks, Book I., Part I. (1 sheet).</li> <li>5. Answer to objections made to Newton's Optical Theories. Also a scrap with memoranda about the Newtonian telescope.</li> <li>6. Scrap. Memorandum of observations on the colours of thick plates.</li> <li>7. Fragments on Light and Heat.</li> <li>8. Proposed addition to Newton's Opticks. On the Refraction observed in Iceland Spar, and Note "to the Reader" relating to it.</li> <li>9. Fragments on Opticks.</li> <li>10. Optical experiments.</li> <li>11. Figure and description of a sheep's eye. Printed by Brewster i. 420.</li> <li>12. Speculations as to the constitution of matter and the nature of the action of heat.</li> </ol>

Location	Description
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## REEL TEN

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18. Add. MS. 3971

## MISCELLANEOUS COPIES OF LETTERS AND PAPERS.

1. Copies of Letters from Leibnitz, Slusius, &c. to Oldenburgh.
2. Copies of various Mathematical papers by Tschirnhausen, Leibnitz, Slusius, &c.
3. "Sur la Cubature du coin Spherique" par M. de Lagny.
4. Fragments on Mathematical subjects by Cassini, Craig, and Morland.

19. Add. MS. 3972

## PAPERS ON FINDING THE LONGITUDE AT SEA.

1. Various proposals for finding the Longitude at Sea.
2. Several drafts of a Report by Newton to the Lords of the Admiralty on the different projects for determining the Longitude at Sea.
3. Draft of a letter by Newton on the same subject.
4. Two shorter drafts of the same letter.

20. Add. MS. 3973

## NOTES OF EXPERIMENTS, ALL IN NEWTON'S HAND.

1. Dec. 10. 1678 to Jan. 15. Subliming antimony with salammoniac. Alloying antimony with lead and other metals. (No definite result of value.)
2. Jan. 1679—80. Subliming antimonial sublimate with lead antimoniate &c. Jan. 22. Action of nitric acid and salammoniac on antimony sulphide &c. and further sublimations. (Most of these experiments are roughly quantitative.)
3. Feb. 1679—80. Fusing antimony with vitriol and other things. Sublimation of various metals by help of antimony and salammoniac &c. Action of oil of vitriol on galena, of nitric acid on sublimate of antimony, and others of a like kind.
4. Aug. 1682. Similar experiments; some on lead ore, others on an alloy of tin and bismuth which he seems to call Diana.
5. July 10 (no year), "vidi \*philosophicum." Sublimations of calx albus with salammoniac.
6. April 26, 1686. On a volatile salt of zinc (apparently the chloride), and on an alloy derived from ores of iron, antimony, tin, lead, and bismuth. May 16. "On ven. vol."
7. Mar. 5, 1690—1 and Mar. 16. On some bismuth compounds and the action of aqua fortis on alloys of tin and bismuth and zinc.
8. Experiments and observations, Dec. 1692 and Jan. 1692—3. Working of barm. He says "in distilling new wine before fermenta-

Location	Description
	<p>tion, the flegm rises first, and then the spirit, but after fermentation, the spirit rises before the flegm." Other experiments. Comparison of the fusibility of alloys of lead, tin, and bismuth, in which is given as the most fusible an alloy of 5 of lead + 7 of tin + 12 of bismuth. April 1693 and June 1693, further experiments.</p> <p>9. April 1695. Experiments with antimony and ores of iron, copper, and tin, and sublimations with salammoniac. Feb. 1695—6, sublimations of antimony with iron ore.</p> <p>10. Notes of Chemical Experiments, without date:  Action of aqua fortis on antimony sulphide, &amp;c.  Sublimation of alloy of antimony and lead with salammoniac, &amp;c.  Experiments on lead ore and other things.  Do. on copper &amp;c.  Other experiments.</p> <p>11. De metallo ad conficiendum speculum componendo et fundendo. Printed by Brewster, ii. 535.</p>

## 21. Add. MS. 3974

## MISCELLANEOUS NOTES.

1. Notes on Magnetism. It does not appear whence they are taken. The observations (some of which are erroneous) do not seem to be Newton's, though here and there remarks upon them seem to be his.
2. De Natura Acidorum, with a copy. This is printed in Horsley's Newton, iv. pp. 397—400.
3. Eleven points for enquiry in Physics.
4. De Gemmis in genere, notes, mostly from Berquen, Boethius, Tavernier, and Boyle. Index of refraction in diamonds is given  $\frac{41}{100}$  on the authority of Halley. On p. 3 is mentioned a very fragile and soft western Topaz which he found to have a specific gravity 4.27, though the sines of refraction were as 14 to 23 (could this be Baryte?). On p. 7 he deduces from the cleavage that gems are crystallized like salts from juices which turn to stone. At the end are the gold and silver standards of different countries.
5. De Gemmis. Other notes mostly included in the preceding, but on p. 1 are given reasons for thinking the diamond coagulated from a fluid and fat substance, which he does not seem to have incorporated in the preceding.
6. Of Gemms. Part of the foregoing in English.
7. Extracts from Berquen.
8. Odd notes on gems.
9. Gemmarum pretia.

## 22. Add. MS. 3975

## A MANUSCRIPT NOTE-BOOK

containing

On the fly-leaf—Notes of the value, hardness and other qualities of gems.

pp. 1 to 22, of colours. Articles 1—5 from Boyle's experiments and considerations touching colour, 1664.

Location	Description
	Arts. 6 to 21, experiments with prisms; 22 and 26 on internal reflection at or near the critical angle; 27 to 43 on effects of thin plates of air between glasses.
	44—47, further experiments with prisms; 48, colours from admixture; 49, reflection at two contiguous surfaces of glass; 50, colours of thin plates of glass, soap-bubbles, &c.; 51—53, on colours by internal reflection in spheres of water; 54, effect of oblique rays on the size of the spot at contact of 2 glasses; 55, diminished reflection of glass in water; 56 and 57, light reflected from powders, &c.; 58—62, effects of distorting the eye-ball; 63, coloured impressions of objects remaining when the eye is no longer directed to them; 64, on the action of the retina and optic nerve (quoted by Brewster i. 432 from Harris, omitting the last paragraph), and on p. 22, notes of the thickness of vibrations of light.
	p. 22, notes from Boyle on increased sensitiveness of sight and hearing produced by sickness. Of vegetable substances precipitating vitriol black.
	p. 23, a receipt for ink.
	pp. 25—41, extracts from Boyle "on the mechanical origin of Heat and Cold," Oxford, 1675. The observations on p. 25 as to the expansion of glass, and those on the elasticity of springs are not in Boyle on Heat and Cold. The book quoted in the MS. is called the "History of Cold," which is not the title of the 1675 edition, but forms part of the title in the collected works.
	p. 45, quotations from Boyle. Some incomplete trials of the height at which a thermometer stands in several substances—melting wax, tin, lead, &c. on Mar. 10, 1692—3. An experiment for determining the expansion of air by heat, also that of linseed oil (Brewster, ii. 366).
	p. 49, extracts from Boyle's new experiments touching the spring of the air. At the bottom of this page and on
	p. 50, account of experiments on flame—with conclusion that flame and vapour differ only as bodies red-hot and not red-hot.
	p. 51, guesses heat to be made by division of parts, for when two particles are parted it makes the æther rush in betwixt them and so vibrate. Receipt for making Phosphorus (Brandt's).
	pp. 53—60, blank; pp. 61—65, extracts from Boyle on formes.
	p. 65, extracts from Starkey's Pyrotechny asserted.
	p. 66, note of a petrifying spring in Peru, from a Spanish treatise translated by the Earl of Sandwich.
	pp. 57—70, blank; pp. 71—80, extracts from Boyle on formes.
	p. 80, experiments on the extraction of mercury from the nitrate and from corrosive sublimate by various other metals.
	pp. 81, 82, receipts for making regulus of antimony by different metals.
	p. 83, notes of alloys which fuse at low temperatures, and others which give a crystalline mass from fusion. Notes of the action of aquafortis, and of salammoniac, on salt, and oil of tartar or potassium carbonate; and of crude tartar on the same, and of tartarum vitriolatum (potassium bisulphate) on same: with
	p. 84, the remark that some <i>fools</i> call the result of the last reaction <i>magisterium tartari vitriolati</i> .

## Location

## Description

note, that salammoniac is less volatile than muriatic acid or ammonium carbonate, which seems to explain a quotation from D. von der Becke which follows.

note of calcination of lead with salt of antimony and salammoniac and of volatilization of arsenical tin when heated with corrosive sublimate and salammoniac.

pp. 85—92, extracts from Boyle.

pp. 93—100, sundry receipts and extracts on various chemical reactions, chiefly from Boyle.

p. 101, receipts for making sundry preparations of antimony. Note of the action of corrosive sublimate on various ores.

p. 102, notes of experiments in the preparation of regulus of antimony.

p. 103, do. and of action of corrosive sublimate on antimony, silver, and mercury; of the heat produced by mixing oil of vitriol with water or spirit of wine; of the preparation of ether and oil of wine—not differing much from the account quoted on p. 64.

pp. 104, 105, note of warmth emitted on mixing water with spirit of antimony, and of sundry chemical reactions—the last on saturation of spirit of antimony by different substances has blanks left for the quantities.

pp. 106, 107, other chemical experiments. Note of composition of fusible metal “which in summer will melt in the sun,” with the (erroneous) remark that tinglas is more fusible than tin.

pp. 108—112, chemical experiments chiefly on preparations of antimony and scoria of regulus. Some of these (e.g. p. 111) are marked with an *N* in the margin.

p. 113, action of distilled liquor of antimony on salts of lead, iron and copper; action of heat on tartarised antimony.

p. 114, action of spar on distilled liquor of antimony, vinegar, and aquafortis, and of salt from clay of lead mines on do.; action of nitre on antimony.

pp. 115, 116, action of oil of vitriol on lead ore, and of an antimonial sublimate on several substances.

pp. 117—120, experiments with a substance to which the name “ven. vol.” is given.

p. 121, note, that on May 10, 1681, and on the 14th and 15th he comprehended sundry alchemical names. This note has been scratched out, apparently in consequence of its having nothing to do with the subject of the other notes, but it is not certain that the foregoing experiments have not something to do with it.

p. 122, another note, that on May 18 he completed the solution of the alchemical symbol of the caduceus, followed by experiments on June 10 on sublimation of green and blue vitriol with salammoniac and the resulting sublimate with lead ore. Perhaps these experiments on sublimation were designed to test his interpretation of some alchemical symbols.

pp. 123 sqq. to 126, account of experiments in May and June, 1682; on sublimation of some salts with salammoniac, and some metals and alloys with the same, and with antimony.

pp. 127 to 130, June 26, 1682, and July 4, 1682, account of experiments on obtaining regulus from mixture of lead ores, antimony and bismuth; and others similar.

Location	Description
	p. 131, experiments on the action of various reguluses with spirit (? of salt).
	pp. 132—4, other experiments on sublimation—the date, Tuesday, July 19, is given on p. 133; this must have been in 1683.
	pp. 135 sqq., Feb. 29, 1683—4. An experiment in which he prepared the chlorides of mercury.
	pp. 140 sqq., further experiments on “the net” which seems to contain iron and copper, and others of a similar kind. On p. 149 is the date, Friday, May 23.
	p. 150, experiments on the spirit of zinc, Apr. 26, 1686.
	pp. 151 to 158, experiments on some alloys of copper, antimony and iron, and continued on p. 267.
	pp. 159 to 193, extracts from Boyle on the medical virtues of saline and other preparations.
	pp. 194 to 206, blank; p. 207, extracts from Boyle on volatile salts of animal and vegetable substances.
	pp. 209—223, extracts from Starkey's Pyrotechny asserted—on alkalies.
	pp. 224 to 242, blank, except some headings.
	pp. 243—4, some extracts from “Secrets Revealed” and other alchemical works.
	pp. 245 to 260, blank, except heading.
	p. 261, some references to alchemical works. pp. 262—4, blank.
	p. 265, recipe for ether, and its uses in medicine.
	p. 266, some recipes for medicines.
	pp. 267, 8, continuation of experiments from p. 158. On this page is mentioned a liquor which dissolves the tinctures out of gold, silver, &c. and leaves only a white calx—but no directions for preparing it. Further experiments.
	pp. 269—283, on regulus of antimony and alloys; similar in character to the former: rest of book blank, except 3 pages at end, where is a list of prices of some chemicals in 1687 and again in 1693, and some notes of sublimation of vitriol with salammoniac.

## 23. Add. MS. 3976

## CORRESPONDENCE WITH OLDENBURG.

Oldenburg to Newton,	Jan. 18, 1672.
Newton to Oldenburg,	March 26, 1672.
”	”
”	March 30, 1672.
Oldenburg to Newton,	Early in April, 1672.
Newton to Oldenburg,	April 13, 1672, in reply to the above.
Oldenburg to Newton,	May 2, 1672.
Newton to Oldenburg,	May 4, 1672.
”	”
”	May 21, 1672.
Oldenburg to Newton,	July 2, 1672.
Newton to Oldenburg,	July 11, 1672.
Oldenburg to Newton,	Sept. 24, 1672.
”	”
”	June 4, 1673.
”	”
”	June 7, 1673.
”	”
”	Sept. 14, 1673.

Location	Description
	Newton to Oldenburg, Feb. 19, 1676.
„ „	Sept. 2, 1676, Brewster, i. 129. On planting cyder-trees, with a copy.
„ „	Nov. 28, 1676.
Oldenburg to Newton,	Jan. 2, 1677.

## 24. Add. MS. 3977

## CORRESPONDENCE WITH COLLINS AND WALLIS.

Newton to Collins, Aug. 20, 1672, on a logarithmick ruler.

Collins to Newton, July 5, 1671, with draft of Newton's answer.

„ „ Aug. 31, 1676.

„ „ Sept. 9, 1676.

Collins to Wallis, no date.

Copy of Newton's letters to Oldenburg, dated June 13 and Oct. 24, 1676, made for Wallis.

Another copy, somewhat mutilated, of the same letters.

Draft of Newton's letter to Wallis about them.

Draft of a later letter to Wallis containing corrections to typographical errors in Wallis's printed account of Newton's method in Vol. 2, and Newton's remarks on his own and Leibnitz's letters printed in Vol. 3.

Wallis to Newton, April 10, 1695. Copy. Edleston, p. 300.

„ „ April 30, 1695. Published in Brewster, Vol. ii. p. 427.

„ „ May 30, 1695.

„ „ July 3, 1695.

„ „ July 1, 1695, on Leibnitz's letter of 28 May. Brewster, ii. 429.

„ „ Jan. 9, 1698-9.

Extract of two letters from Wallis concerning a change in the Calendar, June 13, 30, 1699.

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## 25. Add. MS. 3978

LETTERS FROM ARTHUR STORER TO DR BABINGTON  
AND TO NEWTON,

Containing some Astronomical Tables, and Communications respecting the Comets of 1680 and 1682.

Arthur Storer to Mr Newton, Boothby, Aug. 10, 1678, with Table showing hourly Altitude and Azimuth of the "North Star."

Location	Description
	Arthur Storer to Mr Newton, London, Sept. 4, 1678, with Table of the Sun's Azimuth.
	Arthur Storer to Dr Babington; London, Sept. 19, 1678.
	Arthur Storer to Dr Babington, Oct. 1, 1678, with an Astronomical Table "to find the Sun or any Star's Altitude," &c.
	Arthur Storer to Dr Babington, from Patuxant River in Maryland, April 18, 1681, about the Comet of 1680 as observed in Maryland.
	Arthur Storer to Mr Isaac Newton, from Patuxant River in Maryland, April 26, 1683, with observations of a Comet which appeared in Maryland, Aug. 14, 1682, till Sept. 12, 1682.

26. Add. MS. 3979

## CORRESPONDENCE WITH FLAMSTEED.

Flamsteed to Newton,	Dec. 15, 1680.
Flamsteed to Crompton (for Newton)	March 7, 1680-1,
with an extract in Newton's hand from a letter of Flamsteed dated Feb. 12th, 1680-1.	
Newton to Flamsteed,	April 12, 1681.
Draft of Newton to Flamsteed,	April 16, 1681, pr. by Brewster, ii. 455.
Draft of Newton to Flamsteed } Canterbury, Dec. 29th,	} imperfect. Dec. 29, 1681.
The above all relate to the comet of 1680.	
Flamsteed to Newton,	Dec. 27, 1684.
" "	Jan. 5, 1684-5.
" "	Jan. 27, 1684-5.
" "	Sept. 26, 1685.
" "	Oct. 10, 1685.
" "	Sept. 9, 1686.
Flamsteed to Mr Glen,	April 10, 1693. Concerning earthquakes. Copy made for Newton, with a note concerning Flamsteed's star-maps.
Flamsteed to Newton,	Sept. 7, 1694.
" "	Oct. 11, 1694. (Printed in Baily's Flamsteed, p. 134.)
" "	Oct. 25, 1694.
" "	Oct. 29, 1694.
" "	Nov. 3, 1694.
" "	Nov. 27, 1694.
" "	Dec. 10, 1694.
" "	Dec. 31, 1694.
" "	Jan. 18, 1694-5.
" "	Jan. 29, 1694-5.
" "	Feb. 7, 1694-5.
" "	March 2, 1694-5.
" "	March 21, 1694-5.
" "	April 20, 1695.

Location	Description
Flamsteed to Newton,	April 27, 1695.
" "	May 6, 1695.
" "	July 2, 1695.
" "	July 13, 1695.
" "	July 18, 1695.
" "	July 23, 1695.
" "	Aug. 4, 1695.
" "	Aug. 6, 1695.
" "	Sept. 19, 1695.
" "	Jan. 11, 1696.
" "	Sept. 4, 1697.
" "	Dec. 10, 1697.
" "	Dec. 29, 1698. Note by Flamsteed of the no. of observations of planets taken between 1675 and 1689.
Flamsteed to Dr Wallis,	Dec. 20, 1698. Printed copy of Latin letter.
Flamsteed to Newton,	Jan. 2, 1698-9.

## 27. Add. MS. 3980

## GREGORY TO NEWTON.

David Gregory to Newton,	June 9, 1684.
" "	Sept. 2, 1684.
" "	August 27, 1691.
" "	Oct. 10, 1691.
" "	Nov. 7, 1691.
" "	Nov. 7, 1691.
" "	Nov. 26, 1691.
" "	Sept. 24, 1694.
" "	Dec. 23, 1697.
" "	Sept. 30, 1702.
Newton to Gregory (draft), no date, about 1691.	

## 28. Add. MS. 3982

## HALLEY TO NEWTON ABOUT COMETS' ORBITS.

Halley to Newton,	Sept. 7, 1695.
" "	Sept. 28, 1695.
" "	early in Oct. 1695.
" "	Oct. 15, 1695, with observations of a Comet May 1665.
Newton to Halley,	Oct. 17, 1695, with draft of same letter.
Halley to Newton,	Oct. 21, 1695.
Draft of a letter by Newton to Halley.	
Halley to Newton,	Feb. 16, 1725.
Newton to Halley,	March 1, 1725, with draft of same letter.
A calculation of Halley relating to the Comet of 1680—on a separate sheet.	

Location	Description	Edleston. Page
29. Add. MS. 3983	COTES'S LETTERS TO NEWTON, MOSTLY PUBLISHED IN EDLESTON'S CORRESPONDENCE OF NEWTON AND COTES, Together with three Letters and a Memorandum by Robert Smith relating to the foregoing letters and the publication of Cotes's works.	
		Edleston. Page
	Cotes to Newton. April 15, 1710,	... 8
	"    "    April 29,    "	... 12
	"    "    May 7,    "	... 16
	"    "    May 20,    "	... 20
	"    "    June 1,    "	... 25
	"    "    June 11,    "	... 28
	"    "    June 30,    "	... 31
	"    "    Sept. 21,    "	... 34
	imperfect in Edleston.	
	"    "    Oct. 5,    " referred to in p.	37
	"    "    Oct. 26,    "    "    "	"    "
	"    "    March 31, 1711    "    "	40
	"    "    June 4,    "    "    "	"    "
	"    "    June 9,    "    "    "	42
	only a fragment in Edleston.	
	"    "    June 23,    "    "	.. 44
	Crownfield (printer)	
	to Newton July 11, 1711	
	Cotes to Newton. July 19,    "	... 50
	"    "    July 30,    "	... 52
	"    "    Sept. 4,    "	... 54
	"    "    Oct. 25,    " not in Edleston.	
	"    "    Feb. 7, 1711—12	... 57
	"    "    Feb. 16,    "	... 61
	"    "    Feb. 28,    "	... 75
	"    "    March 13,    "	... 79
	"    "    April 14, 1712	... 91
	"    "    April 15,    "	... 93
	"    "    April 26,    "	... 100
	May in MS. wrongly.	
	"    "    May 1,    "	... 103
	"    "    May 3,    "	... 106
	Cotes to Newton, May 13, 1712	... 114
	"    "    Aug. 10,    "	... 121
	"    "    Aug. 17,    "	... 127
	"    "    Aug. 28,    "	... 132
	"    "    Sept. 6,    "	... 136
	"    "    Sept. 15,    "	... 140
	"    "    Oct. 23,    "	... 143
	Cotes to Bentley. March 10, 1712—13	... 149
	"    "    Dec. 22, 1713	... 166
	Cotes to Newton. April 29, 1715, On the Eclipse of the Sun, 22nd April, partly given in Edleston, p. 179.	
	Robert Smith to Newton, relating to the publication of Cotes's works, Dec. 23, 1718; Aug. 12, 1720.	

Location	Description
	<p>Robert Smith to John Conduitt, Esq<sup>r</sup>., Feb. 4, 1732—3, asking for the loan to him of the foregoing letter of Cotes on the Eclipse.</p> <p>Also a memorandum dated June 6, 1738, acknowledging the receipt of certain letters of Cotes to Newton lent to him by Mrs Conduitt.</p>

30. Add. MS. 3984

ROUGH DRAFTS OF SOME OF NEWTON'S LETTERS  
TO COTES.

The letters in Edleston and the pages to which these drafts relate are given in the following list :

Letter vi.	.....	page 14
„ VIII.	.....	„ 19
„ XI.	.....	„ 24
„ XIII.	.....	„ 27
„ XV.	.....	„ 30
„ XLII.	.....	„ 83
„ XLIII.	.....	„ 89
„ XLVI.	.....	„ 94-98
„ LXI.	.....	„ 129
„ LXXXI.	.....	„ 154

This is rather fuller than the letter printed by Edleston.

Letter LXXXII..... page 156

31. Add. MS. 3985

KEILL TO NEWTON.

- Keill to Newton, April 3, 1711.
- Copy of Keill's answer to the letter "pro eminente Mathematico," in the *Journal Littéraire*, 29th July, 1713.
- Keill to Newton, Nov. 9, 1713.
- „ „ Feb. 8, 1713-4. Answer in Edleston, *Correspondence of Newton and Cotes*, p. 169, dated April 2.
- Johnson to Keill, Feb. 9, 1713-4.
- Keill to Newton, April 20, 1714. Answer in Edleston, p. 170.
- „ „ May 2, 1714.
- „ „ May 14, 1714.
- (Draft of a letter from Newton to Keill dated May 15, 1714, is printed in Edleston, p. 176.)
- Keill to Newton, May 17, 1714.
- „ „ May 21, 1714.
- „ „ May 25, 1714.
- „ „ June 2, 1714.
- „ „ June 24, 1714.
- „ „ Aug. 6, 1714.
- „ „ Oct. 29, 1715.
- „ „ Nov. 10, 1715.

Location	Description
	<p style="text-align: center;">" " May 17, 1717.  " " May 23, 1718.  (On the back of Keill's letter of Oct. 29, 1715, there is a scrap in Newton's hand in answer to an objection of Bernouilli.)</p>
32. Add. MS. 3986	<p style="text-align: center;">PEMBERTON'S LETTERS TO NEWTON WHILE EDITING THE 3RD EDITION OF THE 'PRINCIPIA.'</p> <p>Pemberton to Newton, Feb. 11, 1723-4.  " " Feb. 18, 1723-4.  " " May 17, 1725.  " " Monday, May 31, 1725.  " " Tuesday Morning, June 22, 1725.  " " July 17, 1725.  " " Feb. 9, 1725-6.</p> <p>Besides these, 16 undated letters and 7 sheets of queries.</p>
33. Add. MS. 3987	<p style="text-align: center;">Four folio MS. volumes, bound in red morocco, and labelled "John Conduitt," entirely in Newton's hand.  (1) The Chronology of Ancient Kingdoms amended. Horsley, v. pp. 28—263.</p>
REEL TWELVE	
<b>Cambridge University Library</b>	
34. Add. MS. 3988	<p>(2) i. A short chronicle from the first memory of things in Europe to the conquest of Persia by Alexander the Great. Printed twice by Horsley, v. pp. 3—27 and pp. 267—291.  ii. Another copy of the Chronology of Ancient Kingdoms amended.</p>
35. Add. MS. 3989	<p>(3) Observations on the Prophecies. Horsley, v. pp. 297—491.</p>
36. Add. MS. 3990	<p>(4) De motu Corporum Liber Secundus.  This is the treatise De Mundi Systemate. Horsley, iii. pp. 180—242.</p>
37. Add. MS. 3993	<p>A MS. copy of a portion of the Arithmetica Universalis, apparently an early copy.</p>

Location	Description
38. Add. MS. 3995	A short treatise on the beginning of Algebra, in Newton's hand: at the other end are extracts from Quintus Curtius, and a long prayer, and a sermon on Lev. xix. 18, not in N.'s hand.
39. Add. MS. 3996	A common-place book written from both ends, with "Isaac Newton, Trin. Coll. Cant. 1661," in the beginning. This contains, at one end, Definitions from Aristotle's Organon, an abridgement of the Physiologia peripatetica of John Magirus, and some Astronomical notes by Newton: at the other, Sentences from Aristotle's Ethicks, Annotationes ex Eustachii Ethic., Axiomata, Epitome G. J. Vossii partionum oratoriarum, a note on the word <i>Idea</i> , Remarks on "Quæstiones quædam Philosophicæ," details of the observation of the comet of 1664, of the effect of sunlight on the eyes, etc.
40. Add. MS. 3997	Two MS. note books, bound, containing a Compendium of Elementary Mathematics, apparently made by St John Hare. In one of the volumes Abotesley is added to the name, and the following "Sibi, non aliis hæc." To the other volume the date 1675 is given after the name.
41. Add. MS. 3998	

## REEL THIRTEEN

Cambridge University  
Library

42. Add. MS. 4000	A college note-book, written from both ends, containing early exercises—extraction of the square and cube root, elementary Geometry, &c.—followed by annotations of Wallis's Arithmetica Infinitorum. This is preceded by a note of Newton's fixing by an entry in his account-book the date of the annotations as being in the winter 1664—5, at which time he says he found the method of infinite series. Also notes on music, chaces, &c. This is the note-book referred to in Brewster's Life of Newton, Vol. i. p. 22.
43. Add. MS. 4002	An early copy (MS.) of the Lectiones Opticæ, Jan. 1669.

Location	Description
44. Add. MS. 4003	A book, containing the commencement of a work on Hydrostatics, the greater part consisting of a dissertation partly metaphysical, partly theistic, on the constitution of matter, motion, the Cartesian philosophy, etc.
45. Add. MS. 4005 (Items marked * are <i>not</i> contained in MS. 4005.)	<p style="text-align: center;">MISCELLANEOUS PAPERS.</p> <p>*1. Copy of the agreement relating to Sir I. Newton's MSS. Copy of bond given by Conduitt in relation to Sir I. Newton's papers. An account of John Conduitt's right to the MSS. of Sir I. Newton.</p> <p>2. Six drafts (all in Newton's hand) of a scheme for establishing the Royal Society.</p> <p>3. Two printed copies of Newton's letter to the Abbé Conti dated Feb. 26, 1716, with remarks of Newton on the letter of Leibnitz to the Abbé Conti—the latter dated <math>\frac{1}{2}</math> May 1716 (printed in Des Maizeaux. Recueil, Tome ii. pp. 20, 82, 107).</p> <p>4. Advertisement of the Book "De Systemate Mundi" in Conduitt's hand, with memoranda and modern letters on Newton's life.</p> <p>5. On Education, &amp;c. On educating youth in the Universities. Testimonial to Mr David Gregory for Astr. Prof. at Oxford. Dr Gregory on the method of teaching in the Colleges in Scotland. Two Chapters on Cosmography. Beginning of "the Elements of Mechanicks."</p> <p>6. Systema Mundi.</p> <p>7. Miscellaneous. An account of the System of the World described in Mr Newton's principles of Philosophy.</p> <p>8. Astronomia, cap. 1, 2, 3, 4. This contains a drawing and description of a quadrant or sextant for measuring angles by reflexion.</p> <p>9. Phænomena 1—15.</p> <p>10. Scheme of Observations recommended to a traveller.</p> <p>*11. Papers relating to legal matters.</p> <p>12. General proportions for the parts of a ship.</p> <p>*13. Estimates of the expenses of Government in 1668 and 1675, and a chronological tree of the royal family 1689.</p> <p>*14. John Conrad de Hatzfeld on a scheme for Perpetual Motion. List of proposed machines by le Sieur Balesme, with fragments on finding the Longitude.</p> <p>15. Extracts from Phil. Trans. and other fragmentary Papers. Graphical construction by Newton relating to the conjunction of Jupiter and Saturn, &amp;c.</p> <p>*16. Fragments of the Historia Cælestis.</p> <p>*17. "Barometri altitudines per totum itineris mei Alpini decursum." June 25—July 13. No author's name or year.</p> <p>*18. Testimonial for E. Paget, M.A., *Trin., as a person fit to teach navigation to the King's satisfaction. 3 April, 1682.</p>

Location	Description
	19. A scheme of Mathematical learning proposed for Mr Stone's foundation (at Christ's hospital). Several drafts.
	20. Newton's remarks on this.
	21. Draft of his letter on the subject.
	22. Long letter by Newton in answer.
	*23. Two drafts of a paper headed, The case of Trin. Coll., on the fellowship dividends.
	*24. Henricus Sextus, apparently a College or University declamation.
	*25. A Latin phrase-book, under the heads of English words in alphabetical order, the first word <i>abate</i> , the last <i>conduct</i> . At the other end are extracts from Epiphanius, S. Augustine, &c.
	*26. Phrases from Terence's <i>Andria</i> , with occasional translations.
	*27. Miscellaneous fragments relating to personal matters. The packet contains a torn scrap of a letter from Newton's mother to him, 6 May, 1665, and one from Catharine Conduitt to Newton.
	28. A Problem in Chances, not in Newton's hand.
	*29. A Demonstration in French on the Quadrature of the Circle, by Dan Waeijwel of Amsterdam.
	*30. Scraps.

46. Add. MS. 4006

CORRESPONDENCE, ARTICLES OF AGREEMENT, &c. ABOUT THE  
PUBLICATION OF FLAMSTEED'S OBSERVATIONS, &c.

Catalogue of Manuscripts of Tycho Brahe.

Draft of Latin letter to Roemer relating to Tycho's observations; similar letter in English; both in Newton's handwriting.

Arbuthnot to [Newton]? July 30, 1706.

Letter from Newton and the other Referees to Prince George of Denmark concerning the publication of Flamsteed's observations, Jan. 23, 1705.

Two drafts of Articles of Agreement made between the Referees and Mr John Flamsteed.

Flamsteed to Newton, Oct. 25, 1705.

„ „ April 10, 1708.

Copy of an Order sent to Mr Flamsteed, July 14, 1708.

Flamsteed to Sir Christopher Wren, July 19, 1708.

The Referees to Sir Isaac Newton.

Account of the expense of printing Mr John Flamsteed's Observations.

Order to pay £125 to Flamsteed for his first Catalogue of fixed stars.

Receipt for the same from Ja. Hodgson.

Flamsteed to Newton, April 23, 1716 (asking for the return of his MSS.) printed in Baily's Flamsteed. p. 322.

Order by Queen Anne for the appointment of a Board of Visitors of the Royal Observatory dated Dec. 12, 1710.

Location	Description
	Drafts of Correspondence relating thereto.
	Petition to the Queen of the President, Council and Fellows of the Royal Society of London, for the grant of a new place of Meeting.

## REEL FOURTEEN

Cambridge University  
Library

47. Add. MS. 4004

A common-place book, written originally by B. Smith, D.D., with calculations by Newton written in the blank spaces. This contains Newton's first idea of Fluxions.

## REEL FIFTEEN

Cambridge University  
Library

48. Adv.b.39.1

(1) A copy of the 1st edition of the Principia, interleaved with notes in Newton's hand. Among the leaves inserted is the preface to the 3rd edition. In a miserable plight from damp and ill-treatment.

## REEL SIXTEEN

Cambridge University  
Library

49. Adv.b.39.2

(2) A copy of the second edition of the Principia, interleaved with notes and additions in Newton's hand.

Location	Description
<b>REEL SEVENTEEN</b>	
<b>King's College Library, Cambridge</b>	
50. K.Ms.92	<p>BERNOULLI (NICHOLAS) A.L.s. to Newton</p> <p>"Accepi ante aliquot menses nitidissimum exemplar operis tui nunquam satis laudati de Principis Philosophiae Naturalis "</p> <p>1 p. 4to <span style="float: right;">Padua, 31 May 1717</span></p>
51. K.Ms.93	<p>CASSINI (JAMES) A.L.s. [in Latin] to Newton, on the Satellites of Saturn, 2 pp. sm. 4to (stained) 6 Apr. 1698—Truchet (F. S.) A.L.s. to Newton [in Latin] thanking him for a copy of the <i>Optics</i> and discussing the composition of light, 5 pp. sm. 4to, undated; and other A.L.s. to Newton [in Latin] from A. H. de Sallengre, 2 pp. sm. 4to, <i>The Hague</i>, 22 Sept. 1719; H. F. Dagnesseau, 3 pp. sm. 4to [28 Sept.] 1721 (4)</p>
52. K.Ms.94	<p>COTET. A.L.s. [in English] to Newton, concerning the edition of the <i>Optics</i> then being printed in Paris, (torn in folds) 3 pp. 4to. 16 Aug. 1721, endorsed by Newton—Gravesande (G. J.) A.L.s. to Newton concerning a machine "que l'inventeur assure estre un mouvement perpetuel," 6 pp. 4to. Cassel 18 Aug. 1721—De L'Isle, 2 A.L.s. to Newton, one thanking him for election to the Royal Society, 4½ pp. 4to. Paris, 2 April-21 Dec. 1724—Marsili (A. F.) 2 A.L.s. to Newton, [in Latin] 3½ pp. 4to 11 Mar. 1724 [Aug. 1724] one endorsed by Newton (6)</p>
53. K.Ms.95	<p>DERHAM (WILLIAM) 2 A.L.s. to Newton :—</p> <p>(1) Saying that he has been trying Huygen's glass of 122ft. on the planets but is handicapped by having to use spectacle glasses instead of a proper "eye glass" . . . "but would you or some other of my friends that have interest enough, procure me a small Prebend, to enable me to be at charges without injuring my wife and children, I promise you I would stick at no charge to get an apparatus for this noble glass . . ."</p> <p>(2) Asking Newton for a promised computation of the centrifugal force of Saturn's rotation. etc</p> <p>3 pp. 4to. <i>Upminster</i>, 20 Feb. 1712/3 [Brewster II, 519-520] 1½ pp. 4to <i>Upminster</i>, 11 May 1714, with NOTES, on back, IN NEWTON'S HAND, titled: "Upon finding the length of the solar year of 365 days "</p>
54. K.Ms.96	<p>FATIO DE DUILLIER (NICOLAS) A SERIES OF 11 A.L.s. TO NEWTON AND TO JOHN CONDUITT, ETC., written in a minute hand</p>

Location	Description
	<p>** Fatio was an intimate friend of Newton and figures prominently in the Fluxions Controversy. It was he who first openly accused Leibnitz of plagiarism. He combined mathematics with religious fanaticism and in 1707 appeared in the pillory at Charing Cross for publishing prophecies calculated "to terrify the Queen's people." He then set out to convert the world and after wandering for several years all over Asia he retired to Worcester where he died in 1753, being then in his 90th year.</p>
	<p>(1) To Newton, describing his severe illness:  I thank God my soul is extremely quiet in which you have had the chief hand. If I am to depart this life I could wish my eldest brother could succeed me in your friendship  1 p. 4to. London 17 Sept. 1692</p>
	<p>(2) To Newton:  I give you, sir, my most humble thanks again, both for your prayers and for your kindness to me  2 pp. 4to London 22 Sept. 1692</p>
	<p>(3) To Newton, giving a long account of an alchemical experiment:  A metallick putrefaction and fermentation which lasts for a great while and turns to a vegetation producing a heap of golden trees with their leaves and fruits. I have not now any need of money, sir, nor of your powders, but I thank you kindly for your offers of both.  2 pp. 4to, with four fine impressions of Newton's armorial seal (shin-bones in saltire) on address sheet  London 4 May 1693</p>
	<p>(4) To Newton, concerning a watch which is being made for Dr. Bentley at a cost of £15, and enclosing some "Corrigenda in Paradoxo Astronomico" for Halley  1 p. 4to Worcester 15 June 1717</p>
	<p>(5) To Newton, concerning a project to  increase both the Reputation and the Manufacture of pierced rubies  ½ p. 4to Worcester 1 April 1724</p>
	<p>(6) Three A.L.s. to Conduitt, concerning Newton's Epitaph (inscribed on the monument in Westminster Abbey)  4 pp. 4to Worcester 8, 12, 26 Aug. 1730</p>
	<p>(7) Three A.L.s. to Conduitt asking for help to obtain:  "A recompense . . . in consequence of that inestimable piece of service, by which, with the greatest danger for myself, I became the only instrument in the Hands of Almighty God, for saving the Prince of Orange afterwards King of Great Britain his Life or Liberty, from a most secret and most dangerous Plot, which did justly seem infallible in its execution. . ." (A historical fact, see D.N.B.)  3 pp. 4to Worcester 5, 10, 12 April 1732</p>
	<p>(8) Two copies of Fatio's Petition (one to the King and the other to the House of Commons); and abstract of a letter from Fatio to Dr. Worth, giving a full account of the plot to kidnap the Prince of Orange and how it was frustrated, 3 pp. 4to, 26 Jan. 1731/2, all in Fatio's hand,</p>
	<p>(9) [Printed] Nicolai Facii Duillieri Neutonius Ecloga, 2ll, 8vo [Ghent?] "Editio ab Auctore recognita. Anno MDCCXXVIII. "</p>

Location	Description
55. K.Ms.97	<p>HALLEY (EDMUND) A MOST IMPORTANT SERIES OF NINE A.L.S. TO NEWTON FROM EDMUND HALLEY, CONTAINING THE HISTORY OF THE PUBLICATION OF THE "PRINCIPIA," covering 6 pp. 4to and 6 pp. folio, with address sheets and seals  22 May 1686-5 July 1687</p> <p>* The <i>Principia</i> grew out of a course of nine lectures <i>De Motu Corporum</i> which Newton delivered in Cambridge in 1684. He sent a copy of these to his friend Halley who immediately recognized their importance and hastened to Cambridge to obtain a promise from the author to expand them into a Treatise. On 28 April 1686 Book I was presented to the Royal Society and the Council ordered "that a letter of thanks be written to Mr. Newton and that the printing of this book be referred to the consideration of the Council and that in the meantime the book be put into the hands of Mr. Halley to make a report thereof." On 19 May 1686 it was ordered that the <i>Principia</i> "be printed forthwith in quarto in a fair letter," and on 30 June the Imprimatur was signed by Pepys.</p> <p>At this time, however, the Society was practically bankrupt and the book would not have been published if Halley, living in comparative poverty, had not most generously offered to print it at his own expense. After encountering many difficulties, of which Newton's reluctance to publish was not the least, he gave the <i>Principia</i> to the world in July, 1687. "We may be certain," says Glaisher, "that but for Halley the 'Principia' would not have existed."</p> <p>(1) 22 May 1686: "Your incomparable treatise intituled <i>Philosophia Naturalis Principia Mathematica</i>, was by Dr. Vincent presented to the R. Society on the 28th past, and they were so very sensible of the Great Honour you do them by your Dedication, that they immediately ordered you their most hearty thanks, and that a Councell should be summon'd to consider about the printing thereof  I am intrusted to look after the printing it, and will take care that it shall be performed as well as possible, only I would first have your directions in what you shall think necessary for the embellishing thereof, and particularly whether you think it not better, that the Schemes should be enlarged  There is one thing more I ought to informe you of, viz, that Mr. Hook has some pretensions upon the invention of y<sup>e</sup> rule of the decrease of Gravity, being reciprocally as the squares of the distances from the Center. He sais you had the notion from him . . ." [For a full account of the Hooke-Newton Controversy, see W. W. Rouse Ball's <i>Essay on Newton's Principia</i>.]</p> <p>(2) 7 June 1686: "I here send you a proof of the first sheet of your Book. . . I hope you will please to bestow the second part, or what remains of this, upon us, as you shall have finished it, for the application of the Mathematical part to the System of the world; is what will render it acceptable to all Naturalists, as well as Mathematiciens, and much advance the sale of y<sup>e</sup> book. . . The printer begs your excuse of the Diphthongs, which are of a Character a little bigger, but he has some a casting of the just size  "</p> <p>(3) 29 June 1686: "I am heartily sorry that in this matter whefein all mankind ought to acknowledge their obligation to you, you should meet with anything that should give you disquiet, or that any disgust should make you think of desisting in your pretensions to a Lady, whose favours you have so much reason to boast of. [Newton, weary of his controversy with Hook, had written: "Philosophy is such as impertinently litigious Lady, that a man had as good be engaged in lawsuits, as have to do with her."] Tis not shée but your Rivalls enviing your happiness that endeavour to disturb your quiet enjoyment, which when you consider, I hope you will see cause to alter your former Resolution of suppressing</p>

## Location

## Description

your third Book. . . According to your desire in your former I waited upon Sr Christopher Wren, to inquire of him, if he had the first notion of the reciprocally duplicate proportion from Mr. Hook, his answer was, that he himself very many years since had had his thoughts upon the making out the planets motion by a composition of a Descent towards the sun, and an imprest motion; that that at length he gave over, not finding the means of doing it. . . .”  
 [After a great deal more about Hook, he resumes:] “Sr, I must now again beg you, not to let your resentments run so high, as to deprive us of your third book. Now you approve of the Character and paper, I will push on the Edition vigorously. I have sometimes had thoughts of having the Cutts mostly done in Wood, so as to stand in the page, with the demonstrations, it will be more convenient.”

- (4) 14 Oct. 1686: “By reason you are desirous that your book should not be publick before Hillary term, the Impression has not been expedited as it might have been; but I hope that it is the more correct for proceeding so slow. I have sent you by the coach which goes from hence tomorrow morning all the sheets that are done, desiring you would please to mark all the errata you shall find but this at your leisure.” [Goes on to point out an arparent mistake in problem 23, and asks for further explanation of the method of transmuting a trapezium into a parallelogram (22nd Lemma).]
- (5) 24 Feb. [1687]: “I return you most hearty thanks for the copy you sent me of the sheet which was lost by the printers Negligence; I will now do nothing else till the whole be finished, which I hope may be soon after Easter; and to redeem the time I have lost, I will employ an other presse to goe on with the second part, which I am glad to understand you have perfected. . . . Your demonstration of the parallax of the Sunn from the Inequalitys of the Moons Motions, is what the Societie has commanded me to request of you, it being the best means of determining the dimensions of the planetary Systeme, which all other ways are deficient in; and they entreat you not to desist, when you are come so near the Solution of so noble a probleme. This done there remains nothing more to be enquired in this matter, and you will do your self the honour of perfecting scientifically what all past ages have but blindly groped after.”
- (6) 7 Mar 1687. “I received yours, and according to it, your Second Book, which this week I will putt to the press, having agreed with one that promises me to get it done in 7 weeks, it making much about 20 sheets; The first book will be about 30, which will be finished much about the same time; This week you shall have the 18th sheet according to your direction. You mention in this second. your third Book de Systemate mundi, which from such firm principles, as in the preceding you have laid down, cannot chuse but give universall satisfaction; if this be likewise ready, and not too long to be got printed by the same time, and you think fit to send it, I will endeavour by a third hand to get it all done together, being resolved to engage upon no other business till such time as all is done: desiring herby to clear myself from all imputations of negligence, in a business wherin I am much rejoiced to be in any was concerned in handing to the world that that all future ages will admire: and as being Sr, Your most obedient Servant Edm. Halley.”
- (7) 14 March 1687: “I have now sent you the 18th sheet of your book, but could not be as good as my word, by reason of the extraordinary trouble of the last sheet. . . . I have not been wanting to endeavour the clearing it of Errata, but am sensible that notwithstanding all my care some have crept in, but I hope none of consequence. Pray please to examine it yourself, and note what mistakes are committed, . . . and if they be very materiall the sheet shall be done over again, as I was forced to do the sheet D, and half the sheet P must be done, for the figure is turn'd upside down by ye negligence of the printer in pag 112. I hope in a fortnight to send you as many more sheets, and very suddenly to have the first part finished.”
- (8) 5 Apr. 1687. “I received not the last part of your divine Treatise till yesterday though it came to town that day sennight. The first part will be finished within this three weeks, and considering the shortness of the third over the second, the same press that did the first will get it done so soon as the second can be

Location	Description
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finished by another press ; but I find some difficulty to match the letter justly. Your method of determining the Orb of a Comet deserves to be practised upon more of them, as far as may ascertain whether any of those that have passed in former times may have returned again : for their Nodes and perihelia being fixed will prove it sufficiently, and by their periods the transverse diameters will be given . I find I shall not get the whole [of the *Principia*] compleat before Trinity term, when I hope to have it published, when the world will not be more instructed by the demonstrative doctrine thereof, than it will pride it self to have a subject capable of penetrating so far into the abstrusest secrets of Nature, and exalting humane Reason to so sublime a pitch by this utmost effort of the mind. "

- (9) 5 July 1687. " I have at length brought your Book to an end, and hope it will please you. The last errata came just in time to be inserted. I will present from you the books you desire to the R. Society, Mr. Boyle, Mr. Pagit, Mr. Flamsteed, and if there be any else in Town you designe to gratifie that way ; and I have sent you to bestow on your friends in the University 20 copies, which I entreat you to accept. In the same parcell you will receive 40 more, wh. having no acquaintance in Cambridg I must entreat you to put into the hands of one or more of your ablest Booksellers to dispose of them : I intend the price of these bound in calves leather and lettred to be 9 shill here, those I send you I value in Quires at 6 shill to take my money as they are sold, or at 5<sup>sh</sup> a peice certain for ready or else at some short time ; for I am satisfied that there is no dealing in books without interesting the Book-sellers, and I am contented to lett them go halves with me, rather than have your excellent Work smothered by their combinations I hope you will not repent you of the pains you have taken in so laudable a piece, so much to your own and the Nations credit, but rather, after you shall have a little diverted your self with other studies, that you will resume those contemplations, whern you have had so good success, and attempt the perfection of the Lunar Theory, which will be of prodigious use in Navigation, as well as of profound and subtile speculation. . . . You will receive a box from me on Thursday next by the Waggon that parts from hence to morrow."

The series printed (very inaccurately) in Brewster, *vol. I*, p. 446, and Append VIII and XII; Nos. 1, 2, 3, 8 and 9 printed( with omissions) in L. T. More's *Isaac Newton*, 1934

56. K.Ms.97a

HORNE (T.) A.L.s. to Newton concerning difficulties in Des Cartes' third book on the nature of Equations, 1 p. *folio*, *Hadly, Suffolk*, 22 Aug. [no year] ; on the address sheet a list of 59 towns in Mesopotamia, etc., with their latitude and longitude IN THE HAND OF NEWTON

57. K.Ms.98

LOCKE (JOHN) A.L.S. TO NEWTON,  $\frac{1}{2}$  p. with 2 ALCHEMICAL RECIPES HEADED " FIRST PERIOD,"  $\frac{3}{4}$  p. (the year torn off the date) sm. 4to *London*, 26 July [1692]

". . . Findeing noe better conveyance I have sent you the 8<sup>th</sup> chapter [?] of " Some Thoughts concerning Education " by Martin the Carrier . . . I would beg y<sup>a</sup> if y<sup>a</sup> have soe much leisure to read, correct, censure and send it back by the same hand this weeke else I fear the presse will stay. . . . Mr. Boyle has left Dr. Dickison, Dr. Cox and me the inspection of his papers. I have here inclosed y<sup>a</sup> the transcript of two of them that came to my hand because I knew you desired it. . . . "

\*\* A MOST INTERESTING LETTER : Boyle (who died 30 Dec. 1691) believed he had discovered how to " multiply " gold by

Location	Description
58. K.Ms.99	<p>combining a certain red Earth with mercury, and a Company was actually formed in London to work the process. Boyle confided the recipe separately to Newton and Locke (who was also an alchemist) after imposing conditions of secrecy upon them. On investigating the recipe, however, Newton found that Boyle had omitted to disclose one very important step, and this is what Locke was trying to find among Boyle's papers. In a letter to Locke, dated 7 July 1692, Newton says "I feare I have lost ye first and third part out of my pockett." On 2 Aug. he wrote again to Locke dissuading him "from too hasty a trial of this recipe" which he states to be "imperfect and useless."</p> <p>MEHEUX (FRANCIS) A.L.S. to Newton concerning some red, black and white earths, evidently for some chemical experiments, 1 p. folio, 2 Mar. 1683, on the reverse a list in Newton's hand of 21 names of people in the Stanford and Colsterworth district, four of whom are bracketed as "Freeholders examined as witnesses"—A.L.S. to Newton from J. Drummond acknowledging a copy of the Latin edition of the <i>Opticks</i>, presented to the College of Physicians, 1 p. 4to, <i>Edinburgh</i> 20 July 1708—A.L.S. to Newton from John Chamberlayne, regarding Signior Bianchi who wants an audience, 1 p. 8vo, 21 Aug. 1710, with Theological notes in Newton's hand, <i>on reverse</i>—Copy of a letter from John Caswell to John Flamsteed concerning magnetism, 2 pp. folio (<i>stained, partly illegible</i>), 3 pp. folio, 14 Oct. 1694, and three other pieces (7)</p>
59. K.Ms.100	<p>MILL (JOHN) A.L.S. TO NEWTON, reminding him of his promise to send Mill his notes on the collation of ancient MSS. of the Apocalypse, etc., 1 p. folio  <i>St. Edmund's Hall, Oxford, 7 Nov. 1693</i></p>
60. K.Ms.101	<p>MONMORT (REMOND DE) 2 A.L.S. TO NEWTON, one in French, sending him a copy of his "Essai d'Analyse par les jeux de hazard," and asking for news of the second edition of the <i>Principia</i> which he hears is contemplated, 2 pp. 4to, <i>Paris</i>, 16 Feb. 1709; and the others, in English, thanking him for presents, to himself and his wife: "ornaments given by Mr. Newton and chosen by Mrs. Barton whose wit and taste are equal to her beauty," 2 pp, 4to, <i>ib.</i> 25 Feb. 1716/17 (2)</p>

\* Printed in *Brewster, II*, 472. Newton's reply is in the Library of Queen's College, Oxford.

Location	Description
61. K.Ms.102	<p>MONTAGUE (CHARLES, Earl of Halifax) 2 A.L.S. TO NEWTON sending him news of the political situation, 3 pp. 4to 17 March-5 May [1705]</p> <p>* Printed in <i>Brewster II</i>, 216-218. Newton stood as Whig Candidate for Cambridge on 17 May 1705 and was defeated, although all the residents are said to have voted for him.</p>
62. K.Ms.103	<p>RIZZETTI (JOHN) COPY OF A LETTER, IN NEWTON'S HAND, from Rizzetti to Christino Martinello of Venice [in Latin] containing objections to Newton's Optical Experiments, with two diagrams, 8½ pp. sm. 4to, undated; and copy [not in Newton's hand] of another letter from Rizzetti on the same subject, addressed to the Royal Society, 4 pp. folio, undated (2)</p>
63. K.Ms.104	<p>STIRLING (JAMES) A.L.S. TO NEWTON concerning Nicholas Bernoulli and his investigation of the curve defining the resistances of a pendulum when the resistance is proportional to the velocity, 3 pp. 4to, Venice, 17 Aug. 1719</p> <p>** An interesting letter printed in <i>Brewster II</i>, 516-517.</p>
64. K.Ms.105	<p>NEWTON. Early copies (not autograph) of 17 letters from Newton to John Collins [—] Jan. 1669—5 Sept. 1676; 27 to Henry Oldenburg, 6 Jan. 1671/2—28 Nov. 1676; one to Francis Aston, 18 May, 1669, and one to Dary, 22 Jan. 1675 [printed in the <i>Macclesfield Correspondence</i>, or <i>Philosophical Transactions</i>], on 111 pp. folio</p>
65. K.Ms.106	<p>NEWTON (SIR ISAAC) AUTOGRAPH COPY OF A LONG LETTER (ABOUT 2750 WORDS) TO THOMAS BURNET GIVING NEWTON'S THEORY OF THE CREATION OF THE EARTH AND ITS SUBSEQUENT DEVELOPMENT, 5 pp. folio [Jan. 1680/81]</p> <p>** A MOST INTERESTING LETTER. The original is not known to exist. Before Burnet published his <i>Theoria Telluris Sacra</i> he sent a copy of the book to Newton and asked for his opinion on the theories it expounded. In his reply Newton discusses many of them in considerable detail. He rejects altogether the literal interpretation of the account of the Creation given in Genesis and insists that Moses accommodated his words to the gross conception of the vulgar."</p>

"I wish I was as well satisfied w<sup>th</sup> your argument about y<sup>e</sup> oval figure of y<sup>e</sup> earth. For it seems hard to me that a constant force applied to stretch a membrane (as you figuratively term y<sup>e</sup> atmosphere) should make it shrink, unless you suppose it at first overstretcht by a tumultuary

## Location

## Description

force and so to return by way of undulation, and that y<sup>e</sup> limus of y<sup>e</sup> earth hardened while it was in y<sup>e</sup> ebb. But whatever may be y<sup>e</sup> reason of y<sup>e</sup> earths figure you desire my opinion what that figure is. I am most inclined to believe it spherical or not much oval. And my chief reason for that opinion is y<sup>e</sup> analogy of y<sup>e</sup> Planets. . . . [He then describes the formation of the sea, mountains, etc.] " As to Moses, I do not think his description of y<sup>e</sup> creation either philosophical or feigned, but that he described realities in a language artificially adapted to y<sup>e</sup> sense of y<sup>e</sup> vulgar. Thus when he speaks of two great lights, I suppose he means their apparent not real greatness. So when he tells us God placed these lights in y<sup>e</sup> firmament, he speaks, I suppose, of their apparent, not real place, his business being not to correct the vulgar notions in matters philosophical, but to adapt a description of the creation as handsomely as he could to y<sup>e</sup> sense and capacity of y<sup>e</sup> vulgar. "

" One may suppose that all y<sup>e</sup> planets about o<sup>r</sup> sun were created together . . . that they all, and y<sup>e</sup> sun too, had at first one common chaos. That this chaos, by y<sup>e</sup> spirit of God moving upon it became separated into several parcels, each parcel for a planet. That at y<sup>e</sup> same time y<sup>e</sup> matter of y<sup>e</sup> sun also separated from the rest, and upon y<sup>e</sup> separation began to shine before it was formed into that compact and well defined body we now see it. . . . Moses here sets down their creation as if he had then lived, and were now describing what he saw. Omit them (sun, moon and stars) he could not without rendering his description of the creation imperfect in y<sup>e</sup> judgment of y<sup>e</sup> vulgar. To describe them distinctly as they were in themselves, would have made y<sup>e</sup> narration tedious and confused, amused y<sup>e</sup> vulgar, and become a philosopher more then a prophet. . . . For Moses, accomodating his words to y<sup>e</sup> gross conceptions of y<sup>e</sup> vulgar describes things much after y<sup>e</sup> manner as one of y<sup>e</sup> vulgar would have been inclined to do. "

[Printed in *Brewster II*, 447-454]

With a long A.L.S. FROM BURNET TO NEWTON, to which the above is Newton's Reply, 7 pp. folio, 13 Jan. 1680/81. In this letter Burnet acknowledges receipt of a letter from Newton dated " Dec. 24th " which is not now known to exist.

66. K.Ms.107

NEWTON (SIR ISAAC) AUTOGRAPH DRAFT OF A LETTER TO JOHN FLAMSTEED, *closely written on 4 pp. folio*  
*undated [April 1681]*

\* AN IMPORTANT LETTER on Flamsteed's speculations respecting the sun, the action of heated magnets, and the motion of comets. Printed in *Brewster II*, 455-458.

67. K.Ms.108

NEWTON (SIR ISAAC) Draft of part of a letter [probably to Charles Montague, later Lord Halifax, about the mastership of the Charterhouse] " . . . I believe yo<sup>r</sup> notions and mine are very different. . . . For by y<sup>e</sup> information I have had of it, its but £200 per an besides a Coach (wch I reccon not) and lodgings: the competition is hazardous, and I am loath to sing a new song to y<sup>e</sup> tune of Kings College; and the confinement to y<sup>e</sup> London air and a formal way of life is what I am not fond of. . . . "  $\frac{1}{2}$  p. folio [c. 1691]; and a draft of another letter (signed) to " S<sup>r</sup> Alexander," concerning a dispensation which the College authorities were unwilling to grant,  $\frac{1}{2}$  p. folio, with *Theological Notes and a sketch map of Mesopotamia and Syria on reverse*, ALL AUTOGRAPH (2)

Location	Description
68. K.Ms.109	Fragment in David Gregory's hand. Explanation of a passage on p. 409 of the first edition of <i>Principia</i> . 8 May 1694.
69. K.Ms.110	NEWTON. Early copies ( <i>not autograph</i> ) of 38 Letters from Newton to Roger Cotes written during the preparation of the Second Edition of the " <i>Principia</i> ," [printed in Edleston's <i>Correspondence</i> , 1850] on 47 pp. <i>folio</i> [11 Oct. 1709 - 31 Mar. 1713]
70. K.Ms.111	NEWTON. DRAFT OF A LETTER, <i>signed initials</i> [to one of the Editors of the <i>Acta Eruditorum</i> ] assuring him that he (the correspondent) is still a Fellow of the Royal Society despite his accidental omission from the list of Fellows; begins:—  "Its now about fifty years since I began for the sake of a quiet life to decline correspondencies by Letters about Mathematical and Philosophical matters finding them tend to disputes and controversies."  Interesting, because this was precisely the grievance of his opponents whose letters of criticism remained unanswered. This dislike of controversy over his own works was a remarkable trait in Newton's character, and was undoubtedly one of the reasons why he refrained from publishing his theological writings. $\frac{1}{2}$ p. <i>folio</i> . AUTOGRAPH <i>undated</i>
71. K.Ms.129	CONDUITT (JOHN) THE MEMOIR OF NEWTON SENT TO FONTENELLE FOR HIS "ELOGE DE MONSIEUR LE CHEVALIER NEWTON," PARIS, 1728, WITH VARIOUS DRAFTS, AND THE CORRESPONDENCE BETWEEN CONDUITT AND FONTENELLE RELATING TO THE "ELOGE"  (1) The Memoir in English, in the hand of Conduitt, with many alterations, and some additions in the hand of Catherine Conduitt (Née Barton, Newton's niece), 31 pp. <i>folio</i>  (2) Drafts of various sections of the Memoir in English, in the hand of Conduitt, <i>partly in pencil</i> , on 20 pp. <i>folio</i>  (3) The Memoir translated into French, with some revisions, on 27 pp. <i>folio</i>  (4) Three drafts of a letter from Conduitt to Fontenelle " . . . Je prens la liberté de vous faire savoir que nous perdimes ce grand homme le 20 <sup>eme</sup> du courant. Heureusement pour sa memoire il tombera sur vous de faire l'éloge." 4 pp. 4to and 1 p. <i>folio</i> 27 March 1727  (5) A.L.s. from Fontenelle to Conduitt " Je vous suis très obligé du secours que vous m'offres si genereusement pour le tribut que je suis obligé de rendre à sa memoire." 3 pp. 4to Paris. 14 April 1727

Location	Description
	(6) Auto. Draft of a letter from Conduitt to Fontenelle : " Voici enfin les memoires que je vous ai promis si long tems. " <p style="text-align: center;">7 pp. folio <span style="float: right;">[about 21 July 1727]</span></p>
	(7) Auto. draft of a letter from Conduitt to Fontenelle " Je me fis l'honneur il y a dix jours de vous envoyer par la voye de S. Excellence Mon <sup>r</sup> Walpole les memoires touchant M <sup>r</sup> la Chevalier Newton. " <p style="text-align: center;">1 p. folio <span style="float: right;">31 July 1727</span></p>
	(8) Auto. draft of a letter from Conduitt to Fontenelle, concerning the French translation of the Memoir. " Je me suis mis a procurer la meilleure que j'ai pu. c'est celle que je vous envoie ici. " <p style="text-align: center;">3 pp. folio <span style="float: right;">5 Oct. 1727</span></p>
	(9) A.L.s. from Fontenelle to Conduitt " J'ai attendu a vous remercier de toutes vos peines et de tous vos soins, que je puis vous rendre conte de l'usage que j'en avois fait. Mercredi dernier 12 du mois on lut dans l'Assemblée publique de l'Academie des Sciences l'Eloge que j'ai fait de M. Newton sur les Memoires que vous avés en la bonté de m'envoyer. " <p style="text-align: center;">2 pp. sm. 4to <span style="float: right;">Paris 15 Nov. 1727</span></p>
	(10) Auto. draft of a letter from Conduitt to Fontenelle " L'Eloge de Mon <sup>r</sup> Newton a deja fait grand bruit ici et a excité une grande attente " <p style="text-align: center;">1 p. folio <span style="float: right;">23 Nov. 1727</span></p>
	(11) Auto. draft of a letter from Conduitt to Fontenelle " J'ai lu avec infiniment de plaisir les Eloges du [—] et de Mon <sup>r</sup> Newton que vous avés la bonté de m'envoyer . . . vous recevés avec cette lettre le Chronologie de Mon <sup>r</sup> Newton. " <p style="text-align: center;">1½ pp. folio <span style="float: right;">1 Jan. 1727/8</span></p>
	(12) " The London Gazette," 1-4 April 1727 (No. 6569), <i>imperfect</i> , containing an account of the Funeral of Sir Isaac Newton on 28 March; and " Mist's Weekly Journal." 8 April, 1727 (No. 103) <i>imperfect</i> , containing a letter occasioned by the death of Newton, " the Glory of the British Nation."

72. K.Ms.130

CONDUITT (JOHN) AUTOGRAPH DRAFTS OF PORTIONS OF JOHN CONDUITT'S INTENDED LIFE OF NEWTON. A MOST IMPORTANT COLLECTION OF PAPERS, CONSTANTLY QUOTED BY NEWTON'S BIOGRAPHERS AND THE MAIN SOURCE OF OUR KNOWLEDGE OF HIS LIFE AND CHARACTER, comprising :—

- (1) " An account of the State of Philosophy in general when Sr Isaac Newton first appeared," [Notes] 4 drafts (one torn in two) on 8 pp. folio.
- (2) [Account of Newton's Life to the time of his going to Cambridge], (with passages in pencil) on 36 pp. folio.
- (3) An earlier Draft of the preceding (with passages in pencil) on 42 pp. folio.
- (4) [Account of Newton's Life and Work at Cambridge] on 16 pp. folio.

Location	Description
	(5) "Miscellanea" [a collection of Anecdotes about Newton, mostly collected from his friends] 17 pp. folio (the last 3 pp. defective).
	(6) Four small pocket books, containing Anecdotes of Newton written in pencil [in two books the writing has faded and is illegible, but the material appears to have been incorporated in (5).]
	(7) [Newton's Character] on 18 pp. folio (a small portion of text missing from each leaf).
	(8) [Newton's love and gratitude to his mother] 2 drafts (one headed: "This to come into his private character") on 4 pp. folio
	(9) [Newton's Manual Dexterity, etc.] on 8 pp. folio.
	(10) [Anecdotes of Newton] headed "31 of Aug. 1726" and beginning: "Sr I. N. told me that he had been told that when he was born he was so little they could put him into a quart pot," on 4 pp. folio and 4 pp. 4to.
	(11) [Account of a conversation between Newton and Conduitt on 7 March 1724/5, mainly about Comets] on 2 pp. folio.
	(12) [Extracts from Newton's Note Books, relating to his discovery of the method of infinite series, and the computation of the area of a hyperbola, etc.] 2 pp. folio.
	(13) [Note on Newton's dispute with Hook] on 4 pp. 4to.
	(14) A curious note to the effect that if Newton had lived in past ages he would have had a better claim to Deification, or at least, to Canonization, than those who have achieved these honours: "His vertues proved him a Saint and his discoveries might well pass for miracles." 2 pp. 4to.
	(15) A Fragment containing notes for an account of Newton's last illness and death; also references to anecdotes. on 1½ pp. folio.
	(16) Note on Newton's unpromising infancy [with a Eulogy of Alexander Pope] 1 p. folio.
	(17) Sketch of a Preface to the intended Life, on 4 pp. folio

73. K.Ms.131

CONDUITT (JOHN) Auto. Draft of a Letter, evidently a circular sent to friends of Newton when Conduitt was gathering materials for a Life, on 3 pp. folio, 6 Feb. 1727/8; Auto Draft of a letter [? to Robert Brown] giving directions to the painter for a "Monumental picture" of Newton, 8pp. folio, 4 June 1729—Swinny (Owen) A.L.s. to Conduitt concerning another "Monumental picture," with references to Canaletto: "a covetous greedy fellow and because he's in reputation people are glad to get anything and at his own price," 6½ pp. 4to. Milan, 7 July 1730—Three A.L.s. from F. de St. Vibain, regarding a bust of Newton, 6 pp. 4to. Nancy, 9 Jan., 12-16 Aug. 1730—Seven drafts, from different people, of a suggested Epitaph on Newton—Sketch for a Monument to

## Location

## Description

74. K.Ms.132

Newton—Poem “ On the Death of S<sup>r</sup> Isaac Newton, (author unknown) 3 pp. 4<sup>to</sup>

[CRAIG (JOHN) Mathematician; Prebendary of Salisbury] A.L.S. “ J.C.” 2½ pp. folio, London, 7 April 1727

“ According to your desire I here sent (sic) you a short account of the surprising discoveries and improvements, which the incomparable S<sup>r</sup> Is. Newton has made in the most curious and abstruse parts of Natural Philosophy. You know Natural Philosophy had been turn'd into a philosophical Romance by the famous Des Cartes, and the world was so delighted with it, that they took it for a true and real account of Nature till Newton published his Mathematicall Principles.

[He then discusses Newton's discoveries and concludes with a reference to his Theological writings:]

“ And this I know that he was much more solicitous in his inquiries into Religion than into Natural Philosophy; and that the reason of his showing the errors of Cartes' Philosophy, was because he thought it was made on purpose to be the foundation of infidelity. And Sir Is: Newton to make his inquiries into the Christian Religion the more successfull had read the ancient writers and Ecclesiastical Historians with great exactnes, and had drawn up in writing great Collections out of both; and, to show how earnest he was in Religion, he had written a long explication of remarkable parts of the Old and New Testament, while his understanding was in its greatest perfection, least the Infidells might pretend that his applying himself to the Study of Religion was the effect of Dotage. That he would not publish these writings in his own time because they show'd that his thoughts were some times different from those which are commonly receiv'd, which would ingage him in disputes, and this was a thing which he avoided as much as possible. But now its hop'd that the worthy and ingenious Mr Conduitt will take care that they be publish'd that the world may see that S<sup>r</sup>. Is: Newton was as good a Christian as he was a Mathematician and Philosopher ”

\*\* UNPUBLISHED, except for short extracts.

75. K.Ms.133

DERHAM (WILLIAM) Philosopher and Divine, and intimate friend of Newton), A.L.S. to John Conduitt containing “ an Account, as far as my memory reaches of the most material Passages y<sup>t</sup> occurred in my Conversation w<sup>th</sup> S<sup>r</sup>. Is. Newton,” 14 pp. sm. 4<sup>to</sup>, sewed, with a short covering letter  
“ Upminster 18. Jul: 1733.”

\*\* AN IMPORTANT LETTER, apparently unpublished, except for short extracts. It is the authority for the following story, about Newton's refusal of a bribe when Master of the Mint:—

[Speaking of numerous Petitions “ in most of w<sup>ch</sup> some person or other of Quality was concerned ”] “ an Agent of one had made him an offer of above £6,000 w<sup>ch</sup> S<sup>r</sup> Is. refusing on account of its being a Bribe; the Agent said he saw no dishonesty in the acceptance of the Offer, and y<sup>t</sup> S<sup>r</sup> Is: understood not his own Interest. To w<sup>ch</sup> S<sup>r</sup> Is: replied y<sup>t</sup> he knew well enough w<sup>t</sup> was his Duty, and y<sup>t</sup> no Bribes should corrupt him. The Agent then told him y<sup>t</sup> he came from a great Dutchesse, and pleaded her Quality and Interest. To w<sup>ch</sup> S<sup>r</sup> Is: roughly answered, I desire you to tell the Lady, y<sup>t</sup> if she was here herself, and had made me the Offer, I would have desired her to go out of my house, and so I desire you, or you shall be turned out.”

Location	Description
76. K.Ms.134	MASON (THOMAS), <i>Rector of Colsterworth, A.L.s. 2 pp. folio, Colsterworth, 23 Mar. 1726/7</i>

" . . . This morning I recd from you y<sup>e</sup> melancholy news of y<sup>t</sup> truly great and good Gentleman's Death S<sup>r</sup> Is: N. and I have according to y<sup>t</sup> desire made S<sup>r</sup> Isaac's Heir and Representative, who is y<sup>e</sup> Bearer of y<sup>s</sup>, acquainted w<sup>th</sup> it, but God knows a poor Representative of so great a man, but y<sup>s</sup> is a case y<sup>t</sup> often happens [He gives information he has been able to collect of Newton's early days, and adds a post-script :] S<sup>r</sup> Isaac Newton in y<sup>e</sup> Days of his Health and Prosperity used to talk pretty much ab't founding and endowing a School in Wools-thorpe for y<sup>e</sup> use of y<sup>e</sup> Parish as y<sup>e</sup> neighbors and his Relations inform me. I myself never knew him but in his declining years, having been but six years Rector, but He used to talk w<sup>th</sup> me pretty much upon y<sup>t</sup> subject, tho his dying without a will leaves no room for any such hopes."

77. K.Ms.135	NEWTON (HUMPHREY, NEWTON'S AMANUENSIS) Two A.L.S. CONCERNING NEWTON, TO JOHN CONDUITT, 8 pp. folio <i>Grantham, 17 Jan.-14 Feb. 1727/8</i>
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\* Humphrey Newton, who, so far as is known, was not related to his great namesake, was recommended to Newton as an assistant and amanuensis by Dr. Walker, Schoolmaster at Grantham. He served Newton in this capacity from 1685 to 1690, during which period the *Principia* was written and published.

These two letters give all the information about Newton during those five years that Humphrey (who was no Boswell) could remember years later. His light-hearted reminiscences have exasperated Newton's serious biographers. They do in fact contain even more of the "impertinent low stuff" than Stukeley's letters and are, for that reason, of extraordinary interest. They give a portrait of Newton, at the time of his greatest intellectual activity, as he appeared to an observant but unperceiving person. Humphrey seems to have spent five years in the closest contact with supreme genius without having become aware of the fact until long afterwards. Consequently when he sits down to write his reminiscences, the things he recalls most readily are picturesque details of his master's strange personal habits, his eating, drinking and sleeping, his absent-mindedness, his slovenly attire and other characteristics which are now an integral part of the Newton legend.

17 Jan. 1727/8: " . . . His [Newton's] carriage then was very meek, sedate and humble, never seemingly angry, of profound thought, his countenance mild, pleasant and comely. I cannot say I ever saw him laugh but once. . . . I never knew him to take any recreation or pastime. . . . thinking all hours lost y<sup>t</sup> was not spent in his studyes, to w<sup>ch</sup> he kept so close y<sup>t</sup> he seldom left his chamber except at Term Time, when he read in y<sup>e</sup> Schools as being Lucasianus Professor, where so few went to hear Him, and fewer y<sup>t</sup> understood him, y<sup>t</sup> oftentimes he did in a manner for want of Hearers, read to y<sup>e</sup> walls. . . . So intent, so serious upon his studies, y<sup>t</sup> he eat very sparingly, nay oftentimes he has forgot to eat at all.

He very rarely went to bed, till 2 or 3 of y<sup>e</sup> clock, sometimes not till 5 or 6, lying about 4 or 5 hours, especially at Spring and Fall of y<sup>e</sup> Leaf, at w<sup>ch</sup> times he us'd to employ about 6 weeks in his Elaboratory, the Fire scarcely going out either night or day, he sitting up one Night as I did another, till he had finished his Chymical Experiments; in y<sup>e</sup> Performance of w<sup>ch</sup> he was y<sup>e</sup> most accurate, strict, exact: What his aim might be I was not able to penetrate into, but his Pains, his Diligence, at these sett Times made me think he aimed at something beyond y<sup>e</sup> Reach of humane

## Location

## Description

Art and Industry. . . . He very rarely went to Dine in y<sup>e</sup> Hall unless upon some Publick Dayes, and then, if He has not been minded, would go very carelessly, w<sup>th</sup> shooes down at Heels, Stockins unty'd, surplice on, and his Head scarcely combed. . . . Nothing extraordinary, as I can Remember, happen'd in making his experiments, w<sup>ch</sup> if there did, He was of so sedate and even Temper, y<sup>t</sup> I could not in y<sup>e</sup> least discern it. He very seldom went to y<sup>e</sup> Chappcl, y<sup>t</sup> being y<sup>e</sup> Time he chiefly took his Repose; And as for y<sup>e</sup> Afternoons, his earnest and indefatigable studyes retain'd Him, so y<sup>t</sup> He scarcely knew y<sup>e</sup> House of Prayer. . . . He was only once disordered with Pains at y<sup>e</sup> Stomach. . . . W<sup>ch</sup> he bore with a great deal of Patience and Magnanimity, seemingly indifferent either to live or dye. He seeing me much concern'd at his illness, bid me not trouble my self, for if, said he, I dye, I shall leave you an Estate. . . . S<sup>r</sup>. This is w<sup>t</sup> I can at present recollect. . . ."

14 Feb. 1727/8: ". . . Near his Elaboratory was his Garden, w<sup>ch</sup> was kept in Order by a Gardiner. I scarcely ever saw him do anything (as pruning, etc.) at it himself. When he has some times taken a Turn or two, has made a sudden stand, turn'd himself about, run up y<sup>e</sup> stairs like another Alchimedea (sic) with an *επιπηλα*, fall to write on his desk standing, without giving himself the Leasure to draw a Chair to sit down on. At some seldom times when he design'd to dine in y<sup>e</sup> Hall, would turn to y<sup>e</sup> left hand, and go out into y<sup>e</sup> Street, where making a stop, when he found his mistake, would hastily turn back, and then sometimes instead of going into y<sup>e</sup> Hall, would return to his Chamber again. In his Chamber he walk'd so very much, y<sup>t</sup> you might have thought him to be educated at Athens among y<sup>e</sup> Aristotelian Sects. His Brick Furnaces *p. re nata*, he made and alter'd himself w<sup>th</sup>out troubling a Brick-layer. . . . I can't say I ever saw him wear a Night-Gown, but his wearing Cloathes, that he put off at Night, at Night, do I say, yea rather towards y<sup>e</sup> Morning, he put on again at his Rising. He never slept in y<sup>e</sup> Day time, y<sup>t</sup> I ever perceived. I believe he grudg'd y<sup>t</sup> short time he spent in eating and sleeping. . . . As for his private Prayers, I can say nothing of them, I am apt to believe his intense Studyes depriv'd him of y<sup>e</sup> better Part. His Behaviour was mild and meek, without Anger, Peevishness or Passion. . . . In Winter Time he was a Lover of Apples, and sometimes at a Night would eat a small roasted Quince. His thoughts were his Books. When he was about 30 years of Age, his gray Hairs was very comely and his smiling countenance made him so much y<sup>e</sup> more graceful. He was very charitable. Could y<sup>r</sup> Hon<sup>r</sup> pick some things out of this indigested Mass worthy to be inserted into y<sup>e</sup> Life of so great, so good, and so illustrious a Person as Sr Isaac Newton! . . ."

78. K.Ms.136

STUKELY (WILLIAM, Antiquary and Physician and intimate friend of Newton), 6 A.L.S. to JOHN CONDUITT, 3 pp. 4to and 2 pp. folio; A.L.S. to RICHARD MEAD, WRITTEN AND DISPATCHED IN FOUR INSTALMENTS AND COVERING 13 CLOSELY WRITTEN FOLIO PAGES  
*Grantham 26 June-22 July 1727*

\*\* EXTREMELY IMPORTANT. The letter addressed to Mead, containing, besides a pedigree and all the information Stukely could collect in Grantham and Colsterworth, a great fund of anecdote and reminiscence, is perhaps THE PRINCIPAL SOURCE OF OUR KNOWLEDGE OF NEWTON'S PERSONAL LIFE AND THE MAIN AUTHORITY FOR MANY OF THE BEST KNOWN STORIES TOLD ABOUT HIM. Although all biographers have been deeply indebted to the information it contains, the letter itself does not appear ever to have been printed in its entirety.

Accompanying the above is an A.L.S. from Richard Mead to Conduitt:—

Location	Description
79. K.Ms.137	<p style="text-align: center;">" I designed to wait on you my selfe with Dr Stukeley's Letters concerning Sr. Isaac Newton's Life, which I now send by the bearer ; you will find a great deal of impertinent low stuff in 'em, but something. I believe, that may be to the purpose. " 7 July 1727.</p> <p>WICKINS (NICHOLAS) )A.L.s. to Professor Robert Smith, concerning Newton, 3 pp. 4to <i>Stoke Edith, 16 Jan 1727/8</i></p> <p>* Nicholas Wickins was the son of John Wickins (d. 1719), Newton's chamberfellow at Trinity College.</p> <p>" My Fathers first Chamber-fellow being very disagreeable to him he retired one day into y<sup>e</sup> Walks, where he found Mr Newton solitary and dejected. Upon entering into discourse they found their cause of Retirement ye same and thereupon agreed to shake off their present disorderly Companions and Chum together, w<sup>ch</sup> they did as soon as conveniently they could and so continued as long as my Father staid at College. . "</p> <p>A very interesting letter, printed by <i>Brewster</i>, II, 88-90.</p>

## REEL EIGHTEEN

King's College Library,  
Cambridge

80. K.Ms.1	<p>APOCALYPSE. "TUBA QUARTA" [a Treatise, in Latin, apparently complete] about 4000 words, on 21 pp. AUTOGRAPH sm. 4to</p>
81. K.Ms.2	<p>COMMON PLACE BOOK, DEVOTED MAINLY TO THEOLOGICAL SUBJECTS, containing entries, mostly in English, on 104 pp. in all about 40,000 words, AUTOGRAPH (the remainder of the book, 220 ll., left blank, except for occasional headings) slightly water-stained throughout, edges of some ll. rotted and a number of passages illegible, original limp vellum folio</p> <p>** Begins with a single entry written at the top of the first page :  'A man may imagin things that are fals but he can onely understand things y<sup>t</sup> are true, for if y<sup>e</sup> things be fals, the apprehension of them is not understanding."</p> <p>The next page contains a list of Historical writers, and against some of the names is the note "Trin. Coll.," followed by a shelf-mark.</p> <p>Other entries are arranged under the following headings :—  Out of ye L<sup>d</sup> falkland's discours of infallibility.  Observations upon Athanasius's works.  De Antichristo.</p> <p>On I John 5. 7, 8 (an important entry, this being one of the passages discussed in Newton's " Historical Account of two notable corruptions of the Scriptures ")</p>

Location	Description
	<p>De Millenio, ac die Judicii.            Of Innovations and y<sup>e</sup> authors thereof.            De Trinitate.            De Politia Ecclesiastica.            De Monachis.            Beginning at the other end are passages from the Bible arranged under various headings: "Mores Gentium"; "Idololatria"; etc.  <i>Inscription on inner cover</i>: "Sep. 25 1727. Not fit to be printed. Tho: Pellet."</p>
82. K.Ms.3	<p>"IRENICUM, OR ECCLESIASTICAL POLYTY TENDING TO PEACE," SEVEN AUTOGRAPH DRAFTS, <i>in all about 10,000 words, on 22 pp. folio, and 1 p. sm. 4to</i></p> <p>* PERHAPS THE MOST INTERESTING OF NEWTON'S THEOLOGICAL WRITINGS. It consists of 20 Theses preceded by what is in effect a very careful and deliberate statement of his Christian beliefs. The Theses are printed by Brewster (vol. II, 526-531), but the rest of the MS. is apparently unpublished. Only one draft contains the 20 Theses, another contains 9, the remainder none.</p>
83. K.Ms.4	<p>NICENE COUNCIL. A HISTORY OF THE FIRST NICENE COUNCIL [in Latin, <i>no title, complete</i>], <i>about 11,000 words, on 52 pp. sm. 4to</i>            AUTOGRAPH</p>
84. K.Ms.5	<p>PROPHECIES. THE LANGUAGE OF THE PROPHETS. "THE FIRST BOOK CONCERNING THE LANGUAGE OF THE PROPHETS," <i>about 50,000 words on 152 pp. (with a draft of the first Chapter, on 5 pp.) folio</i>            AUTOGRAPH</p>
	<p>* UNPUBLISHED. Although apparently only the first part of a larger projected work it is complete in itself and except for the last few pages has the appearance of having been prepared by the author for the press. The book is divided into Nine Chapters, headed as follows:—</p> <ol style="list-style-type: none"> <li>1 A Synopsis of the Prophetick Figures.</li> <li>2 The dayly worship described.</li> <li>3 The Prophecy of opening the sealed Book and of sounding the Trumpets described.</li> <li>4 The Prophecy of the eaten Book described.</li> <li>5 Of the Kingdoms and Churches, w<sup>ch</sup> are the subject of sacred Prophecy.</li> <li>6 The Prophecy of the Epistles to the seven Churches explained.</li> <li>7 The Prophecy of opening the first six Seales explained.</li> <li>8 The Prophecy of opening the seventh Seal explained.</li> </ol>

Location	Description
9.	The Prophecy of the three Woes at the voices of the three last Trumpets explained.
85. K.Ms.6	<p>RELIGION [SEVEN STATEMENTS ON RELIGION] <i>a draft, about 400 words, 1 p.</i> AUTOGRAPH, UNPUBLISHED <i>folio</i></p> <p>** The First Statement: "That religion and Philosophy are to be preserved distinct. We are not to introduce divine revelations into Philosophy, nor philosophical opinions into religion."</p>
86. K.Ms.7	<p>RELIGION. "A SHORT SCHEME OF THE TRUE RELIGION," <i>a draft, with many re-writings, about 1500 words, 4 pp.</i> AUTOGRAPH (<i>extracts printed by Brewster, II 347-348</i>) <i>folio</i></p>
87. K.Ms.8	<p>RELIGION [TWELVE ARTICLES] <i>about 330 words, on 1 p.</i> AUTOGRAPH (<i>printed by Brewster, II 349-350</i>) <i>folio</i></p> <p>** AN IMPORTANT STATEMENT OF NEWTON'S DOCTRINAL OPINIONS.</p>
88. K.Ms.9	<p>RELIGION. THREE PARAGRAPHS, headed: "OUR RELIGION TO GOD"; "OUR RELIGION TO JESUS CHRIST"; "OUR RELIGION TO THE CHURCH," <i>about 400 words, 1 p.</i> <i>folio</i>; with a shorter draft of the whole and 2 amplified versions of the first paragraph (one of which is printed by Brewster, II, 354) ALL AUTOGRAPH</p>
89. K.Ms.10	<p>TRINITARIANISM. "PARADOXICAL QUESTIONS CONCERNING THE MORALS AND ACTIONS OF ATHANASIUS AND HIS FOLLOWERS," <i>about 9,000 words on 31 pp.</i> AUTOGRAPH <i>folio</i></p> <p>** A MOST IMPORTANT MS.; UNPUBLISHED, except for short extracts in Brewster's Life (II, 342). Newton poses sixteen questions and to each of them he gives an answer overwhelmingly in favour of the Arians.</p> <p>The MS. ends (in ink) with, "All these witnesses lived in the reign of this Emperor and therefore knew what they wrote, and being his enemies would not favour him. For they wrote after his death, and so were at liberty to speak their minds." Another sentence is added in pencil (? by Conduitt) "And therefore if any later author affirms the contrary he ought to be corrected." Brewster, who quotes from a copy which he describes as wanting the last leaf, says that he has seen at Hurstbourne Park another copy not in Newton's hand; but the present copy, except for the final sentence, is undoubtedly holograph.</p>

Location	Description
90. K.Ms.11	<p>TRINITARIANISM. [QUÆRES REGARDING THE WORD <i>ἰσομορφίος</i>] beginning: "Quære I. Whether Christ sent his Apostles to preach Metaphyicks to the unlearned common people and to their wives and children" (there are 24 Quæres, of which only 1-14 are numbered; a 25th Quære is incomplete), <i>about 700 words on 2 pp.</i> AUTOGRAPH <i>folio</i></p> <p>** An important MS. on the Trinitarian Controversy. Although the Quæres are unanswered, the form of their statement indicates Newton's Arianism. (Printed by <i>Brewster</i>, II. 532-534).</p>
91. K.Ms.12	<p>ALCHEMICAL PROPOSITIONS [in Latin] <i>about 400 words, 3 pp.</i>; MISCELLANEOUS NOTES on Multiplication by Solution and Coagulation, etc. [in Latin], <i>about 2000 words, 7 pp.</i> ALL AUTOGRAPH <i>sm. 4to</i></p>
92. K.Ms.13	<p>ALCHEMICAL WRITERS. A LONG CLASSIFIED LIST OF WRITERS ON ALCHEMY, <i>on 3 pp. folio</i>; <i>on p. 4</i>: "AN ACCOUNT OF GOLD AND SILVER MONEYS COYNED SINCE CHRISTMAS" (<i>draft</i>); Another List of Writers, <i>signed at foot</i> "Jeova sanctus unus" [an anagram used by Newton] <i>2 pp. folio</i>; Another list of "Authores optimi," <i>1 p. folio, on reverse</i>, an Extract from "An Act for encouraging Coynage," ALL AUTOGRAPH <i>folio</i></p>
93. K.Ms.14	<p>ARTEPHIUS HIS SECRET BOOK, [in English] <i>about 9000 words, 20 pp.</i>, followed by "The Epistle of John Pontanus, wherein he beareth witness of y<sup>e</sup> book of Artephius," <i>2¼ pp.</i> BOTH AUTOGRAPH <i>sm. 4to</i></p>
94. K.Ms.15	<p>BLOOMFIELD. "OUT OF BLOOMFIELD'S BLOSSOMS," <i>in verse, beginning</i>: "Father Time set me at y<sup>e</sup> gate." <i>212 lines</i>, followed by "A SHORT WORK THAT BEARETH THE NAME OF S<sup>R</sup> GEORGE RIDLEY," <i>beginning</i>: "Take heavy, soft, cold, and dry" <i>in verse, 92 lines</i>, and "Fragments," <i>19 lines, 8 pp.</i> ALL AUTOGRAPH <i>sm. 4to</i></p>
95. K.Ms.16	<p>"CAUSÆ ET INITIA NATURALIUM" [Notes on an un-named book] <i>about 3000 words, 7 pp.</i> AUTOGRAPH <i>sm. 4to</i></p>

Location	Description
96. K.Ms.17	CLAVIS AUREÆ PORTÆ [Notes and Abstracts]; Notes on "Medulla Alchemiæ"; "Pupilla Alchemiæ," etc. <i>about 4000 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
97. K.Ms.18	"CLAVIS" [Directions for a lengthy operation beginning with the digestion of Antimony, Iron and Sulphur] in Latin, <i>about 1200 words, 3 pp.</i> AUTOGRAPH <i>sm. 4to</i>
98. K.Ms.19	COLLECTIONES EX NOVO LUMINE CHYMICO quæ ad Praxin spectant [and] Collectionum Explicationes, <i>written in parallel columns, over 3000 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
99. K.Ms.20	COPPER. "THE HUNTING OF Y <sup>E</sup> GREEN LYON," <i>in verse</i> [English] <i>about 180 lines</i> ; THE STANDING OF Y <sup>E</sup> GLASS FOR Y <sup>E</sup> TIME OF PUTREFACTION & CONGELATION OF Y <sup>E</sup> MEDECINE, <i>in verse</i> [English], <i>14 lines, 6 pp.</i> ; NOTES UPON Y <sup>E</sup> HUNTING OF Y <sup>E</sup> GREEN LYON [in Latin], <i>about 500 words, 2 pp.</i> ALL AUTOGRAPH <i>sm. 4to</i>
100. K.Ms.21	[DIDIER'S "SIX KEYS": A COMMENTARY, <i>mostly in English</i> ] <i>about 8500 words, 35 pp.</i> AUTOGRAPH <i>sm. 4to</i>
101. K.Ms.22	EDWARDUS GENEROSUS. "THE EPITOME OF THE TREASURE OF HEALTH written by Edwardus Generosus Anglicus innominatus who lived Anno Domini 1562" [a Treatise on the Philosopher's Stone; the Animal or Angelical Stone; the Perspective Stone, or the Magical Stone of Moses, etc. with and Alchemic Poem at the end, all in English] <i>about 14,000 words, 28 pp.</i> AUTOGRAPH <i>sm. 4to</i>
102. K.Ms.23	EPISTOLA AD VEROS HERMETIS DISCIPULOS CONTINENS CLAVES SEU PRINCIPALES PHILOSOPHIÆ SECRETÆ, <i>about 4750 words, 19 pp.</i> AUTOGRAPH <i>sm. 4to</i>
103. K.Ms.24	EPISTOLA. "Anno 1656. Serenissimi Principis Frederici Ducis Holsatiæ et Sleswici, etc. communicatione sequens epistola me sibi vendicat, inaudila memorans. Veni et vide," <i>about 1300 words, 7 pp.</i> AUTOGRAPH <i>sm. 4to</i>

Location	Description
104. K.Ms.25	<p>FLAMMEL (N.) NOTES OUT OF FLAMMEL [concerning "The first Angel painted in Abraham y<sup>e</sup> Jew's Hieroglyphics"]; Notes "ex libro de Metallorum Metamorphosi"; "ex Epistola Com. Trevisani ad Thom. Bonon."; etc. <i>about 3000 words, 7 pp.</i>            AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span></p>
REEL NINETEEN	
King's College Library, Cambridge	
105. K.Ms.91	<p>Manuscript (3 lines by Newton). 8pp. Small 4to. "Experiment the 4th. Being the coralery of all the former".</p>
106. K.Ms.26	<p>MEMORANDUM MADE BY NEWTON, begins :</p> <p>"On Munday March 2d or Tuesday March 3 1695/6, A Londoner acquainted wth Mr. Boyle and Dr. Dickinson making me a visit, affirmed that the work of Jodochus a Rhe wth [vitriol] twas not necessary that the [vitriol] should be purified but the oyle or spirit might be taken as sold in shops."</p> <p>followed by an interesting account of an alchemical operation,  <i>about 700 words, 3 pp.</i> AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span></p>
107. K.Ms.27	<p>[HERMES TRISMEGISTUS] THE SEVEN CHAPTERS" [A TREATISE ON TRANSMUTATION] <i>about 4750 words, 19 pp.</i> AUTOGRAPH, WITH MANY ALTERATIONS AND RE-WRITINGS <span style="float: right;"><i>sm. 4to</i></span></p> <p>** At the end is the Autograph Draft of a Letter (unsigned) regarding the use of the circle in constructing equations with 3 real roots. (9 lines).</p>
108. K.Ms.28	<p>HERMES TRISMEGISTUS. Tabula Smaragdina [et Commentarium] and a Translation into English of the Tabula, <i>3½ pp.</i>            AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span></p>
109. K.Ms.29	<p>HERMES TRISMEGISTUS. NOTES ON HERMES TRISMEGISTUS [partly in English]; Notes on Flammel and other authors, <i>about 5000 words, 9 pp.</i> AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span></p>

Location	Description
110. K.Ms.30	INDEX CHEMICUS [AN ELABORATE SUBJECT-INDEX TO THE LITERATURE OF ALCHEMY, giving page references to a very great number of different works] <i>over 20,000 words, 113 pp.</i> ; Three other similar Indexes, <i>over 5000 words, 49 pp.</i> ALL AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span>
111. K.Ms.31	LIBER MERCURIORUM CORPORUM [in English] <i>with table of Alchemical Symbols, about 3000 words, 8 pp.</i> AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span>
112. K.Ms.32	MAIER (M.) SYMBOLA AUREA MENSÆ DUODECIM NATIONUM, Authore Michaelæ Majero. Dat. Francofurti mense Decemb. 1616 Edit Francofurti 1617. Anno ætatis Majeri 49, <i>24 pp.</i> ; ATALANTA FUGIENS, HOC EST EMBLEMATA NOVA, etc. Dat Francofurti mens. Aug. 1617. Edit 1618, <i>24 pp.</i> ; VIATORUM, HOC EST DE MONTIBUS PLANETARUM SEPTEM, Datum Francofurti ad Moen. 1618. mense Septembri. Edit Rothomagi 1651, <i>16 pp.</i> ; SEPTIMANA PHILISOPHICA [Days 1—6 only] Dat. Magdeburgi Anno 1620, Jan. 11, styl. vet., <i>24 pp., totalling about 50,000 words on 88 pp.</i> AUTOGRAPH TRANSCRIPTS <span style="float: right;"><i>sm. 4to</i></span>
113. K.Ms.33	“MANNA” [A TRACT ON ALCHEMY] not in Newton's hand, but containing at the end AUTOGRAPH ADDITIONS AND NOTES of <i>about 1500 words, 11 pp.</i> <span style="float: right;"><i>folio</i></span>
114 K.Ms.34	MERCURY. [NOTES ON THE PREPARATION OF PHILOSOPHICAL MERCURY by fermentation and “ye mediation of Diana's Doves”; Preparation of Menstrues, etc., in English] <i>about 2,500 words, 6 pp.</i> AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span>
115. K.Ms.35	<p>METALS. “QUOMODO METALLA GENERANTUR,” etc., <i>about 1200 words, 3 pp.</i> AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span></p> <p>MINERALS. “DE RADICE SEMINE SPERMATE ET CORPORE MINERALIUM,” <i>about 1200 words, 3 pp.</i> AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span></p> <p>MINERALS. “DE MINERALIBUS ex quibus desumitur,” <i>about 3500 words, 11 pp. (some edges burnt, affecting text.</i> AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span></p> <p>MERCURY. [NOTES ON MERCURY, LEAD, TIN, SULPHUR &amp; IRON, partly in English] <i>about 4,500 words, 14 pp.</i> AUTOGRAPH <span style="float: right;"><i>sm. 4to</i></span></p>

Location	Description
	MERCURY. "DE MERCURIO DUPLATO, ex Turba," <i>about 1600 words, 5 pp.</i> AUTOGRAPH <i>sm. 4to, etc.</i>
	CONJUNCTION. "De Coniunctione in hora nativitatis" [ <i>partly in English</i> ] <i>about 2500 words, 4 pp. (edges slightly burnt, affecting a few words)</i> AUTOGRAPH <i>sm. 4to</i>
	** These 6 items enclosed in a wrapper bearing a list of contents in Newton's hand.
116. K.MS.36	METALS. DE METALLORUM METAMORPHOSI [3 Tracts: Prefatio; Brevis Manuductio ad rubinum caelestem; Fons Chemicæ Philosophiæ] <i>over 4000 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
117. K.Ms.37	NORTON. "OUT OF NORTON'S ORDINAL," <i>in verse, beginning: 'Good Mr. Tensile, then teach me truly,' 200 lines, followed by 'OUT OF CHAUCER'S TALE OF Y<sup>e</sup> CHANON'S YEOMAN,' beginning: 'Tell me y<sup>e</sup> name of y<sup>e</sup> privy stone,' 12 lines; and a Poem by Richard Carpenter, 14 lines, 7 pp.</i> ALL AUTOGRAPH <i>sm. 4to</i>
118. K.Ms.38	NOTE-BOOK. containing "NOTANDA CHEMICA," <i>on 3 pp.</i> and "SENTENTIÆ NOTABILES" [ <i>in English and Latin</i> ] <i>on 22 pp. about 7500 words, AUTOGRAPH (plus 76 blank ll.) marbled paper wrappers</i> <i>sm. 4to</i>
119. K.Ms.39	OBSERVATIONS OF Y <sup>e</sup> MATTER IN Y <sup>e</sup> GLASS. Authore Anonymo [ <i>in English</i> ], <i>about 2500 words, 6 pp.</i> AUTOGRAPH <i>sm. 4to</i>
120. K.Ms.40	OPERATIONS. OPUS PRIMUM; OPUS QUINTUM, Two sets of Notes; OPUS SEXTUM, Two sets of Notes; OPUS OCTAVUM; EXTRACTIO AURI VIVI ET CONIUNCTIO EJUS; <i>in all, about 12,000 words, 42 pp.</i> AUTOGRAPH <i>sm. 4to</i>
121. K.Ms.41	[OPERATIONS: 1—6, <i>beginning with</i> "Extractio et Rectificatio Spiritus"; <i>ending with</i> "Solutio sicca et humida metallorum vulgi eorumq. purgatio et multiplicatio infinita mercurii sophici et extractio auri vivi," <i>in Latin, but with verse extracts in English from Ripley</i> ] <i>about 12,000 words, WITH ALTERATIONS AND RE-WRITINGS</i> <i>sm. 4to</i>

Location	Description
122. K.Ms.42	"PEARCE THE BLACK MONCK UPON Y <sup>e</sup> ELIXIR," <i>in verse</i> [English] 226 lines, 7 pp. AUTOGRAPH <span style="float: right;">sm. 4to</span>
123. K.Ms.43	PHILOSOPHER'S STONE. "REGULÆ SEU CANONES ALIQUOT PHILOSOPHICI DE LAPIË PHILOSOPHICO. Authore docto quodam Anonymo. Impress ïn fine Curationum Paracelsi," followed by "Mayer's Figures præfixed to Basil Valentine's Keys," <i>about 3000 words, 8 pp.</i> AUTOGRAPH <span style="float: right;">sm. 4to</span>
124. K.Ms.44	PHILOSOPHER'S STONE. SEVERAL QUESTIONS CONCERNING THE PHERS ST. [in English] <i>about 3000 words, 8 pp.</i> AUTOGRAPH <span style="float: right;">sm. 4to</span>
125. K.Ms.45	PRACTICA MARIE PROPHEISSÆ IN ARTEM ALCHEMICAM, <i>about</i> 1500 words, 4 pp. AUTOGRAPH <span style="float: right;">sm. 4to</span>
126. K.Ms.46	PYROTECHNY. THE THREE FIRES [in English] <i>about 1000</i> <i>words, 3 pp.</i> AUTOGRAPH <span style="float: right;">sm. 4to</span>
127. K.Ms.47	RAYMUNDUS. "EXPERIMENTA RAYMUNDI," [24 Experiments], <i>about 2500 words, 6 pp.</i> AUTOGRAPH <span style="float: right;">folio</span>
128. K.Ms.48	[REGIMENS. A TREATISE ON THE REGIMENS, &c.] <i>mostly in</i> <i>English</i> , under the following headings: "LAPIDIS COM- POSITIO"; "ELEMENTORUM CONVERSIO CONJUNCTIO ET DECOCTIO"; "REGIMEN IGNIS"; "MATERIA" [from Phila- lethes, Maier, Snyder, Basil Valentine, &c.]; "DECOCTIO REGIMEN MERCURII"; "REGIMEN JOVIS"; "REGIMEN LUNÆ"; "REGIMEN VENERIS, MARTIS ET SOLIS," with an Early Draft, much altered, of the "Decoetio Regimen Mercurii," <i>in all</i> <i>about 23,000 words, 76 pp. enclosed in a wrapper covered with</i> <i>notes and rough drawings of stills, retorts, etc.</i> ALL AUTOGRAPH <span style="float: right;">sm. 4to</span>
129. K.Ms.49	REGIMEN [A SERIES OF SEVEN APHORISMS, <i>in English</i> ; FOLLOWED BY ANNOTATIONS, <i>mostly in Latin</i> ] <i>about 3000 words, 7 pp.</i> AUTOGRAPH <span style="float: right;">folio</span>

Location	Description
130. K.Ms.50	REHE (JODOCUS A) OPERA CHYMICA, with Transcripts of Letters to Dr. John Twysden from A. C. Faber, and Notes on Faber's Works [in Latin] <i>about 7500 words, 22 pp.</i> AUTOGRAPH <i>sm. 4to</i>
131. K.Ms.51	RIPLEY (SIR GEORGE) Notes on Sir George Ripley: Ripley's Vision; Preface to his Gates; and Opening of the Six Gates (Calcination, Solution, Separation, Conjunction, Putrefaction, Congelation) <i>about 8000 words, 14 pp.</i> AUTOGRAPH <i>sm. 4to</i>
132. K.Ms.52	RIPLEY (SIR GEORGE) Epistle to K[ing] Edward unfolded, <i>about 10,000 words, 17 pp.</i> AUTOGRAPH <i>sm. 4to</i>
133. K.Ms.53	[Ripley (Sir George)] "OF YE FIRST GATE," [in English] <i>about 4,000 words, 9 pp.</i> AUTOGRAPH <i>sm. 4to</i>
134. K.Ms.54	RIPLEY (Sir George) "RIPLEY EXPOUNDED" [the Twelve Gates] <i>about 4500 words, 12 pp.</i> ; "NOTES UPON RIPLEY," <i>about 1500 words, 8 pp.</i> , ALL AUTOGRAPH <i>sm. 4to</i>
135. K.Ms.55	SENDIVOGIUS EXPLAINED [Notes on the Treatises 1—7, and 9—12 of Sendivogius; Notes on "Ye Philosophick Riddle," etc., mostly in English] <i>about 12,000 words, 37 pp.</i> AUTOGRAPH <i>sm. 4to</i>
136. K.Ms.56	SENTENTIÆ LUCIFERÆ ET CONCLUSIONES NOTABILES [with passages in English] etc. <i>about 6000 words, 18 pp.</i> AUTOGRAPH <i>4to</i>  * An autograph note on p. 1 reads: "King's Receivers take all but brass money till next May 24. None clipt passes after Feb. 10 except 6 pences. Broad money punched. 4 Mints in several parts of the Nation."
137. K.Ms.57	SEPARATIONS. NOTES ON SEPARATIONS, PROCESSIONS, SUBLIMATIONS, DISTILLATIONS, ETC. [mostly in Latin] with references to Raymundus, Maria Ferrar, Avicenna, Sendivogius, Flammel, and others, <i>about 9,000 words, 17 pp.</i> AUTOGRAPH <i>sm. 4to</i>

Location	Description
138. K.Ms.58	SILVER. RECIPE FOR MULTIPLYING SILVER (by adding silver, antimony and lead to Cinnabar) [in English] <i>about 160 words, ½-p.</i> ; NOTES ON "AQUA SICCA," etc. [in English and Latin] <i>about 3000 words (much altered), with rough sketches of furnaces, and calculations, 12 pp.</i> ALL AUTOGRAPH <i>sm. 4to</i>
139. K.Ms.59	SOLUTION. "DE SECRETO SOL[UTIONS]" in English, [on Diana's Doves, etc.] <i>part of heading and several words missing, about 1000 words, 3 pp.</i> AUTOGRAPH <i>sm. 4to</i>
140. K.Ms.60	"TABULA SMARAGDYNA" [and] "HIEROGLYPHICA PLANETARUM," <i>about 1750 words, 4 pp.</i> AUTOGRAPH <i>sm. 4to</i>
141. K.Ms.61	THESAURUS THESAURORUM SIVE MEDICINA AUREA [in English] <i>about 1200 words, 5 pp.</i> AUTOGRAPH <i>sm. 4to</i>
142. K.Ms.62	TRANSMUTATION. "The Work of an old Priest, viz: B," etc. [containing directions "To turne ) into ☉ ( <i>i.e.</i> silver into gold) " ) out of ☿ and ☿ " [silver out of mercury and iron]; directions to make Aurum Potabile, etc.] <i>with drawings of retorts, receivers, etc., about 3500 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
143. K.Ms.63	VALENTINE (B.) VERSES AT THE END OF B. VALENTINE'S MYSTERY OF THE MICROCOSM, <i>about 580 lines, with a small pen-and-ink drawing,</i> AUTOGRAPH (see <i>Brewster, II, 371</i> ) <i>sm. 8vo</i>
144. K.Ms.64	VALENTINE (B.) CURRUS TRIUMPHALIS ANTIMONII [Notes and Abstracts] <i>about 4500 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
145. K.Ms.65	YARWORTH (W.) PROCESSUS MYSTERII MAGNI PHILOSOPHICUS, a neatly written transcript of Chapters 1-10 ( <i>incomplete</i> ) <i>not in Newton's hand, on 75 pp.</i> <i>folio</i>

\* The texts of the foregoing transcripts of the *Processus* are not identical.

Location	Description
146. K.Ms.66	[YARWORTH (W.) PROCESSUS MYSTERII MAGNI PHILOSOPHICUS : an Abstract of Chapters 1—5 ( <i>incomplete</i> ) [in English] <i>about</i> 3300 words, on 12 pp. AUTOGRAPH <i>folio</i>
147. K.Ms.67	ALCHEMICAL MS. A Collection of Treatises on Alchemy : "The Apocalypse or Revelacon of the Secret Spirit"; "The true order in ye worke of ye Phors stone"; "De Alkymiaē veritate"; Extracts from the Alchemical Writers, and a large collection of Recipes and Experiments, mostly in English, 112 ll. <i>contemporary limp vellum, wrapper (lower part missing) apparently from Newton's Collection but not containing anything in his hand sm. 4to</i> [16th-17th Cent.]
REEL TWENTY	
King's College Library, Cambridge	
148. K.Ms.112	Draft of Newton's pedigree and other drafts. 3pp, folio. Autograph.
	Copy of Newton's pedigree (attested November 1705). 2pp, folio.
149. K.Ms.113	ACCOUNT OF YE CAMBRIDGE CASE & ALL YE PROCEEDINGS THEREIN, <i>about</i> 6000 words, 16 pp. AUTOGRAPH <i>folio</i>
150. K.Ms.114	ACT concerning the severall Corporations of the Universities of Oxford & Cambridge & the Confirmation of the Charters Liberties & Priviledges granted to either of them [Eliz 13] <i>about</i> 1800 words, on 8 pp. <i>folio</i> , AUTOGRAPH
151. K.Ms.115	ANSWER OF YE VICE CHANCELLOR & SENATE of ye University of Cambridge to ye Question, why they did not Admitt Alban Francis to ye Degree of Master of Arts in ye same University according to his Ma <sup>ts</sup> . Mandatory Letters under his Signe Manual, <i>about</i> 800 words, 3 pp. AUTOGRAPH <i>folio</i>

Location	Description
152. K.Ms.116	ANSWER TO SOME QUESTIONS propounded by y <sup>e</sup> Lord Ch. at y <sup>e</sup> Appearance of y <sup>e</sup> Vice Ch. & Deputies of y <sup>e</sup> Senate of y <sup>e</sup> University of Camb. before y <sup>e</sup> Lords Commissioners May 7th 1687, FIVE AUTOGRAPH DRAFTS, <i>about 4500 words, on 1¼ pp. folio</i>
153. K.Ms.117	CASE OF KINGS COLLEGE, <i>about 850 words, on 4 pp. folio</i> , AUTOGRAPH
154. K.Ms.117a	"An Account of King's College's Recovery of their Right to chuse their own Provost". 2pp. Not in Newton's hand.
155. K.Ms.117b	[King's] College's case for the election of D <sup>r</sup> Roderick and not Newton to the provostship. 3 fol.
156. K.Ms.118	CASE OF YE B <sup>PS</sup> COURTS; DRAFT OF A PAPER beginning " His Mat <sup>ties</sup> promise is no argum <sup>t</sup> for abrogating y <sup>e</sup> laws"; " RULES" RESPECTING ACTS FOR LIBERTY OF CONSCIENCE, &c.; and EXTRACTS FROM THE DECRETALS, &c., <i>in all about 1100 words, on 5 pp. folio</i> AUTOGRAPH
157. K.Ms.119	COPY OF A LETTER, beginning " Sr, Here's a strong report in y <sup>e</sup> Town y <sup>t</sup> a Mandamus has been brought to y <sup>e</sup> Vice-chancell <sup>r</sup> to admit one F. Francis a Benedictine Monck to be a Master of Arts . . ." dated Feb. y <sup>e</sup> 19th [1687] <i>unsigned (edges frayed and a few words defective), 1¼ pp. folio</i> AUTOGRAPH * Authorship ascribed to Newton by L. T. More, and first printed in his <i>Isaac Newton</i> , 1934, pp. 343-4.
158. K.Ms.120	FULLER. Extract from Fuller's " History of the University of Cambridge " regarding Edward IV and King's College, <i>about 100 words, on 1 p. folio</i> , AUTOGRAPH
159. K.Ms.121	NOTES UPON Y <sup>E</sup> DISPENSING POWER, <i>about 800 words, 3 pp.</i> AUTOGRAPH, WITH MANY ALTERATIONS AND RE-WRITINGS <i>folio</i>

Location	Description
160. K.Ms.122	[ROYAL COMMISSION OF JAMES II for a search and examination into the Statutes of the Universities, Cathedral bodies, Grammar Schools, etc.] <i>about 1500 words, 4 pp.</i> AUTOGRAPH folio
161. K.Ms.123	SENTENCE OF THE DEPOSITION OF THE VICE-CHANCELLOR, Dr. Pechell, 7 May, 1687 ( <i>a copy, not in Newton's hand</i> ), 1 p. folio
162. K.Ms.124	TRANSCRIPTS of Acts and other Papers relating to the Privileges of the Colleges, etc. ( <i>not in Newton's hand</i> ) (a parcel)
163. K.Ms.125	NEWTON'S MOTHER. Memorandum, endorsed by Conduitt: "Account of Sr. I. N.'s mother given me by Mrs. Hatton whose maiden name was Aiscough" 1 p. sm. 4to undated ** The authority for almost all that is known of Newton's mother, including the amusing story of her second courtship, and marriage to "Mr. Smith who gave her son Isaac [not then 2 years old] a parcell of Land, being one of the terms insisted upon by the widow if she married him."
164. K.Ms.126	NEWTON. Fragment of a letter to Newton from his mother, dated "wollstrup may the 6. 1665," containing also mathematical calculations by Newton, and on the reverse some elaborate measurements of eye structures—A.L.s. from his sister concerning the serious illness of her husband " . . . I am overwhelmed in sorrow and wish for you to comfort her that is your Loving Sister Han Barton," 1 p. sm. 4to "Ag y <sup>e</sup> 24th 93" with Theological notes by Newton on reverse and in margins—Fragment of a letter to Newton from his niece, signed: "Your most dutyfull neice and most obliged servant C. Conduitt." "Cranbury Nov. 16 1719" 1 p. sm. 4to with notes by Newton in the margin and on the reverse calculations relating to coinage (3)
165. K.Ms.127	NEWTON, HIS NIECE AND LORD HALIFAX. DRAFTS, IN THE HAND OF NEWTON, OF DOCUMENTS RELATING TO THE LEGACY OF LORD HALIFAX TO CATHERINE BARTON, on 1 p. folio and 3 pp. 4to [? 1706-15] (1) Draft, beginning: I do hereby assigne & transfer unto Mr <sup>is</sup> Catherine Barton the Neice of S <sup>r</sup> Isaac Newton . . . all my right title & Interest in one Order for the yearly summ of two hundred pounds dated the six and twentieth day of October one thousand seven hundred & six . . . "

Location	Description
	<p>(2) Two Drafts, <i>on one sheet</i>, referring to the Codicil to Halifax's Will and the transfer to Catherine Barton of the Annuity "purchased in Sr Isaac Newton's name which I [Halifax] hold for her in trust ." And a third Draft, written on the back of a letter addressed to Newton by Dr. Joseph Morland :</p> <p>"I have done and will do my best while I live to follow your advice to repent and believe. . . Pray write me your opinion whether upon the whole I may dye with comfort This can do you no harm written without your name ." [Printed in <i>Brewster</i> II 359]</p>
	<p>(3). Draft of alterations, apparently to an Agreement between Catherine Barton and the second Earl of Halifax concerning Bushey Park. On the reverse : a draft in the hand of Newton of a statement concerning Leibnitz and Miracles :</p> <p>" . . . Leibnitz alters &amp; enlarges the signification of these words, <b>Miracles &amp; Occult Qualities</b>, he may make use of them in <b>exploding</b> (I do not say confuting) the philosophy of Mr. Newton so far as it related to the argument for proving a Deity from the Phenomena of nature. "</p>
	<p>* Catherine Barton came to keep house for Newton in 1698 or thereabouts. In 1706 (the date is conjectural, but the annuity was bought for her in this year) she went to live with Newton's friend and patron, Charles Montague, first Earl of Halifax, as "Superintendent of his domestic affairs," and remained in his house until his death in 1715, when she returned to Newton. Lord Halifax bequeathed her £5000, the Rangership and Lodge of Bushey Park, and various rents. There was widespread, though suppressed, scandal at the time, and Voltaire wrote maliciously "Le calcul infinitésimal et la gravitation ne lui auraient servi de rien sans une jolie nièce." (See also Mrs. Manley's <i>Memoirs of Europe</i>, where Halifax is disguised as "Julius Sergius" and Catherine Barton as "Bartica.") The episode has been investigated with painful concern by Newton's biographers, the latest of whom, Mr. L. T. More, concludes that the two were secretly married.</p>
166. K.Ms.127a	<p>NEWTON'S ESTATE. Documents relating to the settlement of Newton's Estate with special reference to his MSS. and Papers :—</p> <p>(1) Copy of an Agreement signed in the Prerogative Court by John Conduitt, Thomas Pilkington and Benjamin Smith, (<i>undated</i>).</p> <p>" That the papers and manuscripts be first perused by the parties and such as are Treatises be afterwards examined by Dr Pellet and printed if thought proper by him and the Adms and sold to the best advantage and in the meane time to be lodged with Mrs. Conduitt That Mr Conduitt be obliged to pass the acct with the Crown or indemnify the estate from the same within a month after the admōn be granted and take upon him the care and trouble of the tryal of the pix In consideration of which he shall have such papers which shall not be thought proper to be printed "</p> <p>(2) Copy [in Conduitt's hand] of the Bond given by Conduitt in relation to Newton's Papers :</p> <p>" Whereas Sir Isaac Newton lately deceased died intestate leaving four nephews and four nieces having equal claim to administration, and several disputes and difficulties having arisen amongst them with relation to the person to be pitched upon to have administration and likewise</p>

Location	Description
	<p>with his papers and writings and the making up of his accounts it was at last agreed That the administration should be granted to Thomas Pilkington, Benjamin Smith and Catherine Conduitt'</p> <p><i>5 pp. folio, undated</i></p>
	<p>(3) Copy of the Order of Court in Doctor's Commons relating to the Administration and the MSS. [3 April] 1727</p>
	<p>(4) " A List of Papers and Manuscripts belonging to S<sup>r</sup> Isaac Newton K<sup>t</sup> deceased taken by the relations," [referred to in Conduitt's Bond] <i>4 large folio pp.</i> containing certificates of examination signed by Thomas Pellet, 20, 21, 26 May, 1727; with another list taken 15-16 Oct. 1777 by W. Mann Godschall and Bishop Horsley, <i>9 pp. folio</i>; Drafts of the same list, and " An Acc<sup>t</sup> of Sir Isaac Newton's papers sent to the Rev<sup>d</sup> Dr. Sikes to London," <i>1 p. 4to, 12 Nov. 1755</i></p>
	<p>(5) " An Account [in Conduitt's hand] of the right and title John Conduitt his heirs and assigns have to the Manuscripts of Sir Isaac Newton and of the papers vouching the same," <i>5½ pp. folio</i></p> <p>" When Sr Isaac Newton died he was indebted to the Crown £34,330. Mr John Conduitt was the only person who could without difficulty make up and pass that account. Besides Sr I. Newton's Adm<sup>rs</sup> were to pass a trial of all the monies coined by Sr I. Newton from the 24 August 1724 to the time of his death, and unless he were acquitted by a jury of Goldsmiths at the trial of the Pix . . . his estate was subject to fine and ransom. . . " [Goes on to describe the examination of the MSS and the sale of the "Chronology" for £350; the "De Munde Systemate" for £31, etc.]</p>
	<p>(5) Letter [to Conduitt] from Newton Smith (nephew of Newton) and three other relatives concerning the appointment of Administrators, <i>1 p. folio 1 April 1727</i></p>
	<p>(6) Agreement [in Conduitt's hand] regarding the position of Newton Smith in the administration, and Conduitt's handling of the MSS. <i>3 pp. folio, 27 April 1727</i></p>
	<p>(7) Draft of a Bond given by Conduitt, in connection with the Administration, <i>May 1727</i></p>
	<p>(8) Certificate from J. Oakley, Deputy Auditor, that Conduitt had indemnified the Estate from any demands of the Crown, <i>19 May 1727</i></p>
	<p>(9) Certificate that Conduitt " hath been at the Trouble and paid the Charges, of passing the final Accompt of the late S<sup>r</sup> Isaac Newton as Master and Worker of the Mint," signed by J. Oakley and 5 other Officials, <i>17 Jan. 1728/9</i></p>
167. K.Ms.128	<p>Newton. " Extracts from the Journal Books of the Royal Society relating [to] the late S<sup>r</sup> Isaac Newton," <i>MS. in the hand of William Ruttty, Secretary to the R.S., and an A.L.S.</i></p>

Location	Description
168. K.Ms.138	<p>[to Conduitt] 16 Feb. 1728, together about 7 pp. folio— Chronological Table of Newton's Life at Cambridge, MS. on 2 pp. 4to (2)</p> <p>CHRONOLOGY [THE "SHORT CHRONICLE"] TWO A.L.S. FROM G. CAVELIER TO NEWTON, ASKING PERMISSION TO PUBLISH THE "SHORT CHRONICLE," on 4 pp. 4to Paris, 11 May 1724 and 20 Mar. 1725</p> <p>(1) " Il m'est tombé en main un petit Manuscrit que l'on assure venire de vous, Monsieur, come votre est tres estimé par toute l'Europe j ay voulu le faire imprimer. "</p> <p>(2) " Il y a environ six mois que j'us l'honneur de vous marquer qu'il m'étoit tombé en main une copie de votre Chronologie. Monsieur j ay l'honneur de vous ecrire cette Seconde Lettre pour vous prier instament de me marquer si vous ny voulez rien changer que si je ne reçois point de vos nouvelles je prendrais votre silence pour un consentement. "</p> <p>Newton did not reply to either of these letters and the " Abrégé de Chronologie " was published without his positive consent. Cavalier refers to the correspondence in his <i>Advertisement to the Book</i></p>
169. K.Ms.139	<p>"An Abstract of Chronology by S<sup>r</sup> Isaac Newton". xii + 58pp. Small 4to. Marbled boards. Front end-paper signed "E. Jekyll" and the whole MS is perhaps in the same hand .</p>
170. K.Ms.140	<p>CONTI (L'ABBÉ ANTHONY) A.L.S. TO NEWTON, containing the memorable words: " M. LEIBNIZ EST MORT; ET LA DISPUTE EST FINIE," 3 pp. folio Hanover, 10 Dec. 1716</p> <p>** AN IMPORTANT LETTER from Conti who figured so prominently in the Fluxions controversy. He was a friend of both Newton and Leibnitz. Printed in <i>Brewster II</i>, 434-435.</p>
171. K.Ms.141	<p>CUNNINGHAM (SIR ALEXANDER) Two A.L.S. to Newton, con- taining references to the Fluxions controversy, 7 pp. 4to, Venice, 21 Feb., 1 May 1716—CHAMBERLAYNE (JOHN) Three A.L.S. to Newton, one of them referring to a letter from Leibnitz [Chamberlayne was the first to attempt mediation between Newton and Leibnitz] . " If I could be so happy as to be instrumental in beginning a friendship between Two Men of very great Merit, it would be an exceeding great pleasure . . ." 3 pp. sm. 4to and 1 p. 8vo, 20 May, 28 Oct., 1714, and undated (5)</p>

Location	Description
172. K.Ms.142	<p>VARIGNON (PIERRE) A SERIES OF THIRTEEN A.L.S. TO NEWTON, RELATING TO THE FRENCH EDITION OF NEWTON'S "OPTICS," THE FLUXIONS CONTROVERSY, THE RECONCILIATION WITH JOHN BERNOULLI, ETC., <i>closely written on 17 pp. sm. 4to and 1½ pp. 8vo, dated: 5 Dec. 1713; 18 Nov. 1714; 17 Nov. 1718; 26 July 1719; [before April] 1720; 28 Nov. 1720; 18 Sept., 2 Oct., 9 Dec. 1721; 4 Apr., 28 Apr., 4 Aug., and 13 Aug. 1722, with copies of 2 letters from Bernoulli sent by Varignon, and the following IN THE HAND OF NEWTON: Draft of a letter to Varignon [in Latin] in reply to Varignon's letter of 26 July 1719 (more complete than that published in the <i>Macclesfield Correspondence</i> II 436); similar Drafts in reply to Varignon's letters of 4 April, 4 Aug. and 13 Dec. 1722; Draft of another letter to Varignon, beginning: "Misi tibi nuper exemplaria quaedam optices meæ recusæ Anglice" [he sends 5 copies and gives instructions for their disposal] 13 Oct. 1718; and Auto. Draft of a Letter to a friend of Varignon, written after Varignon's death and referring to the portrait of Varignon (which Newton presented) prefixed to the <i>Méchanique</i> re-published in 1725, etc. " . . . The Letters between me &amp; Mr. Varignon relate I think almost wholly to the Edition of my Optiques. But if there be anything in them w<sup>ch</sup> may deserve the light, I leave it entirely to the discretion of Mr. de Fontenelle to publish what he thinks proper out of them . . ."; and a letter (in duplicate) from Jombert thanking Newton for the engraved portrait of Varignon, 2 pp. 4to, Paris, 12 Sept. 1725</i></p>
173. K.Ms.143	<p>WILSON (JAMES) TWO A.L.S. (one signed "A.B.") TO NEWTON, urging him to print his mathematical work, and telling him how MS. copies of his papers were in circulation, etc., 3½ pp. folio 15 Dec. 1720, 21 Jan. 1720/21.</p>
	<p>* Important letters bearing on the invention of the Calculus.</p> <p>"I think you seem too readily to acknowledge that Leibnitz might have found out by himself your method of an arbitrary series; for in your Scholium of your <i>Principia</i> you say that one of the things you concealed under a cypher, in your letter of October 24 1676, was 'Data Æquatione quocunque Fluentes quantitates involvente, Fluxiones invenire, et vice versa.' Now, might not Leibnitz by that means be helped to decypher what was besides concealed in that letter?"</p> <p>[Printed in <i>Brewster II</i>, 440-446.]</p>
174. K.Ms.144	<p>BISHOP OF LONDON'S PROTESTATION, <i>about 900 words, 3 pp.</i>; and Narration of the Proceedings against him before y<sup>e</sup> High Commissioners (<i>incomplete</i>), <i>about 1300 words, 4 pp.</i> BOTH AUTOGRAPH folio</p>
175. K.Ms.145	<p>INSTANCE OF QUEEN ELIZABETH'S POWER OF DISPENCING W<sup>TH</sup> ACTS OF PARLIAMENT: OFFER'D TO THE CONSIDERATION OF Y<sup>E</sup> GENTLEMEN OF Y<sup>E</sup> UNIVERSITY OF CAMBRIDGE, <i>about 400 words on 2 pp.</i> AUTOGRAPH folio</p>

Location	Description
176. K.Ms.146	<p>MONARCHIES. THE ORIGINAL OF MONARCHIES (headed "Chap. I.") <i>about 10,000 words, 30 pp. (a few ll. soiled and torn),</i>            AUTOGRAPH <span style="float: right;"><i>folio</i></span></p>
177. K.Ms.147	<p>NEWTON. DRAFT OF AN ACT OF PARLIAMENT, DRAWN UP BY            NEWTON AND IN HIS HANDWRITING, <i>on 1 p. folio</i> [c. 1714]</p> <p>Ends with a Declaration which</p> <p style="padding-left: 40px;">shall be made and subscribed in open court in the Quarter Sessions next after — by all persons. We, whose names are underwritten, do solemnly and without all equivocation or mental reservation acknowledge and declare that we do sincerely believe that the Church of Rome is in doctrine and worship a false uncharitable and idolatrous Church and that the Church of England is in no danger by the succession of the House of Hannover.</p> <p style="text-align: right;">"</p> <p>Printed in <i>Brewster</i>, II, 351-352.</p>
178. K.Ms.148	<p>NEWTON. Papers relating to the Estate of Thomas Hall, of which Newton was one of the executors.</p> <p>** Thomas Hall, a Government official, died on 25 Feb. 1717/18, leaving about £42,000, and by his will, made "Sr Isaac Newton Kt., Hopton Haynes, Esq., the Revd. Mr. Martin . . . and Mr. Richard Walker his Executors devising all his personal estate to his said Executors for 3 years in trust for the Payment of his debts &amp; Legacies and for improving the same for the use of his son "</p> <p>The papers include:—</p> <p>1) The Account Book of the Administration of the Estate, <i>on 125 pp.</i> with long entries in Newton's hand <i>on 9 pp.</i> and four signatures, forming an interesting record of successful management on the part of Newton: see, for example, the following autograph entry:</p> <p style="padding-left: 40px;">"Memd. the 23 June 1720, sold out two hundred pounds of the seventeen hundred pounds and Lottery Annuities charged in the Bank Books. The sale was at £104 per cent, being the highest market that was in the afternoon just before the Books were closed at the desire of the Directors of the South Sea.</p> <p style="padding-left: 40px;">"Memdm. These Lottery Annuities were bought as in fol 20. of Capt. Delande at 102½ per cent."</p> <p style="padding-left: 40px;">Most of the dealings are in Bank Stock and South Sea Bonds. <i>sm. 4to, original vellum</i> <span style="float: right;">1717/18-1720/21</span></p> <p>(2) Draft in Newton's hand, of a Statement concerning a Marriage Settlement, etc., made by T. Hall, <i>1½ pp. folio.</i> and Notes <i>on 2 scraps</i></p> <p>(3) A.L.s. to Newton concerning the Estate from F. Hall (the son), Charles Godolphin, and E. Longbridge, etc. (4)</p> <p>(4) An Exchequer Warrant for the payment of £200 (part of the Estate) with assignment on the back, signed by Newton, and F. Hall's receipt <span style="float: right;">15 May 1718-15 Aug. 1719</span></p>

Location	Description
179. K.Ms.149	NOTES OF AN ARGUM <sup>t</sup> IN Y <sup>e</sup> CASE OF GODDEN VERSUS S <sup>r</sup> EDW. HALES, 16 Junii 1686 [under the Statutes against Popish Recusants] <i>about 4000 words, 12 pp.</i> AUTOGRAPH <i>folio</i>
180. K.Ms.150	· "Essaies and Meditations Concerning Morality & Religion," <i>MS. closely written on 193 pp.</i> (on p. 193: "The end of the first part") <i>wrappers folio [late 17th Cent.]</i>
181. K.Ms.151	SLOANE (SIR HANS) AND JOHN WOODWARD. An Account (addressed "To Sr. Isaac Newton President of the Royal Society") of a dispute between Sloane and Woodward on "Dr. Sloane's Assertion y <sup>t</sup> the Stones in the Gall Bladder are the cause of Colic" <i>on 10 pp. 4to, unsigned</i> 28 Mar. 1710
	** Woodward was expelled from the Royal Society for insulting Sloane during this violent quarrel.
182. K.Ms.152	SOUTHWELL (SIR ROBERT) "An Abridgement of a Manuscript of S <sup>r</sup> Robert Southwell's concerning travelling. Writt. 1658. Feb. 20" <i>18 pp.</i> ; [and, beginning at the other end], a Collection of "Chansons Françoises," <i>24 pp. wrappers</i> <i>sm. 4to [early 18th cent.]</i>

## REEL TWENTY-ONE

Trinity College Library,  
Cambridge

183. MS.R.16.39 Roger Cotes's MS copy of the *Arithmetica universalis* and *Lectiones opticae* (285pp, Autograph). Dated 1700. Written on title page "This book contains besides a copy of Newton's Treatise on Systemate Mundi".
184. NQ.16.196 Second edition of *Principia* with numerous notes by Newton. 484pp, dated March 28th 1713, comprising *De Motu Corporum* Books I-II, *De Mundi Systemate* Book III.

Location	Description
185. NQ.16.198	Edition of <i>Opticks or a Treatise of the Reflexions, Refractions, Inflexions and Colours of Light</i> . Also "Two Treatises of the Species and Magnitude of Curvilinear Figures". With numerous notes and corrections by Newton. 144pp, plates I-IV, dated 1704. The Second Book of Opticks, Parts I-III, various plates, 137pp.
186. NQ.8.26	Edition of <i>Analysis per Quantitatum</i> (Series, Fluxiones ac Differentias: Cum Enumeratione Linearum.) Title page and corrections by Newton on pp 42, 45, 50 and 52. 5pp, dated 1711.
REEL TWENTY-TWO	
Trinity College Library, Cambridge	
187. R.16.38a	Volume of miscellaneous letters and papers by Newton and others, collected from amongst the loose papers, bequeathed by the late Dr Robert Smith to Edw. Hawkins. 255pp, 1688-89.
188. R.4.43	Thirteen letters from Sir Isaac Newton to John Covel, D.D., Master of Christ's College, Cambridge. 35pp, Dec. 1688 - May 1689, Autograph.
189. R.4.47	Four letters from Sir Isaac Newton to Dr Bentley with Newton's directions for reading his <i>Principia</i> , also with a letter from Mr Craigg to Mr Wootton giving a scheme of study preparatory to Sir Isaac Newton's book. 12 folios, Feb. 1693 - Jan. 6th 1713, Autograph.
	** The second edition of the <i>Principia</i> , prepared under the superintendence of Roger Cotes, was issued by Bentley, who also took the whole of the profits. These interesting letters, which give full particulars of its progress through the press, publication price, etc., are printed in <i>Brewster</i> , II, 248-254.
190. R.4.48	Six letters from Isaac Newton to Dr Hooke and from Dr Hooke to Sir Isaac Newton, from Sotheby's sale of Autograph Letters in May, 1888 and May, 1890. 17pp, 10pp, various dates, 1675 - 1679, 1719.

Location	Description
191. R.4.48a	NEWTON. "THE CASE OF TRIN. COLL." [A MEMORANDUM ON the Fellowship Dividends]; begins: "The Dividend is no stipend but a surplus of Livery, Stipend, commons and all other expenses of the college And as in all governments the Governours are either men of estates who are able of themselves to live according to their stations, or are allowed salaries to support them: so in Trinity College the eight Seniour fellows should be distinguished from the rest of the fellows by a greater allowance for recompencing their pains and supporting their authority" [Newton was admitted "major fellow" 16 March 1668], AND A ROUGH DRAFT. together 2 pp. folio, BOTH AUTOGRAPH
192. R.4.48b	Letter from Isaac Newton to Mr Robert Hooke, 1p, Nov. 12th, 1679, Autograph.
192b. R.4.48c	NOTE BOOK, 26 LL. WITH ENTRIES COVERING 50 PP. ENTIRELY IN THE HANDWRITING OF SIR ISAAC NEWTON, <i>original leather</i> . 2 clasps [3 $\frac{3}{8}$ in. by 2 $\frac{3}{4}$ in.] (see <i>Brewster I</i> , 17-18) 19 Mar. 1659—[1661, etc.]
193. R.4.48d	Manuscript, signed by Isaac Newton, of "The Indenture of the Mint" commencing the 14th January, 1702. 30pp.
194. R.4.42 <sup>13</sup>	Letter from Isaac Newton to Roger Cotes concerning the Mastership of Charterhouse. 1p, Nov. 8th, 1715. Autograph.
195. R.5.4 <sup>22</sup>	Manuscript of Newton's new scheme of learning proposed for the Mathematical Boys in Christ's Hospital. 1p, Autograph.
196. MS.C.83 <sup>10</sup>	Letters dated July 3, 1684 from Isaac Newton on having read "The Whole Art of Navigation." Two small pieces. Autograph.
197. Add.MS.C.88 <sup>52</sup>	Notes on a time piece worn by Isaac Newton. 1p, n.d.

Location	Description
REEL TWENTY-THREE	
Trinity College Library, Cambridge	
198. R.16.38	442pp of Autograph MSS comprising over fifty letters from Isaac Newton to Roger Cotes, various dates, 1709 - 1718. Also several letters copied relating to the Papers the late Sir Isaac Newton left behind him. Various dates, 1714, 1715, 1718, 1722. Also the following items from the Sotheby Sale in 1936:  ff. 432. Lot 279. Draft of a very important statement on the Invention of the Calculus, evidently a reply to the "Charta Volans", about 1000 words on 2pp, folio, much corrected and rewritten. Autograph.  ff. 436 Lot 296. Notes on Egyptian Mythology. Autograph. 1p. 4to. 18 lines. Over 200 words.  ff. 438. Lot 233. Extracts "Ex Marci Maximi Caesaugustini in Hispaniis Episcopi Chronico" (stained and partly illegible). 3pp, small 4to.  ff. 439A, 440A, Lot 53. Method how to use the tincture of sol (in English) about 600 words, 3pp.; A medicine to clear the eye sight; To Extract the tincture of Coral; to extract fixed salt of Amber; about 600 words, 2pp; All autograph. Other Recipes (not in Newton's hand).  ff 441A, Lot 90. Remedies. A collection of remedies "For a Scald", "For ye Tooth Ache", "For ye Gout", etc, 3pp; "To make Ink," etc, about 600 words on 4pp. Small 4to. Autograph.  ff 442, Lot 293. Jesuitism. "Letter of ye Rnd. Father Peter Jesuite, Almoner to ye King of England written to ye Rnd Father le Chaise Confessor to ye most Christian King, touching ye present affairs of England", 6pp. Autograph.
199. NQ.16.200	First edition of <i>Principia</i> (1687) with numerous notes and corrections by Newton. 510pp.

Location	Description
<b>REEL TWENTY-FOUR</b>	
<b>New College, Oxford</b>	
200. Ms.361 (1)	<p>A. (fol.) Drafts of the <i>Short Chronicle</i> prefixed to <i>The Chronology of Ancient Kingdoms Amended</i> (London 1728).</p> <p>B. (fol.) A nucleus of “The Original of Monarchies” a work on ancient chronology larger than <i>The Chronology</i> . . . which Newton seems to have projected but never finished.</p>
201. Ms.361(2)	Miscellaneous papers relating to chronology arranged in no particular order unless otherwise stated in the proper place.
<b>REEL TWENTY-FIVE</b>	
<b>New College, Oxford</b>	
202. Ms.361(3)	Miscellaneous papers relating to chronology arranged in no particular order unless otherwise stated in the proper place.
203. Ms.361(4)	<p>A. (fol.) Theological papers.</p> <p>B. (fol.) Newtoniana: Miscellaneous letters and papers relating to Newton and Newton’s papers.</p> <p>C. (fol.) Notes on families related to Newton.</p>
<b>REEL TWENTY-SIX</b>	
<b>The Royal Society</b>	
204. Principia Mathematica	Fair copy for the printer of Isaac Newton’s <i>Principia Mathematica</i> (1687). Copy in the hand of Newton’s amanuensis Humphrey Newton. Annotations by Isaac Newton and Edmund Halley.

Location	Description
REEL TWENTY-SEVEN	
<b>The Royal Society</b>	
205. Early Letters, items 35-65	Letters from Isaac Newton to secretaries of The Royal Society containing material for publication in the Society's transactions. [See Cambridge University Library Collection, Add. MS 3976, for further correspondence with Henry Oldenburg.]
206. <i>Commercium Epistolicum</i>	Original manuscripts of letters and other documents published in John Collins et al., <i>Commercium Epistolicum</i> (1712; 2nd ed. 1722). [This work was edited by a committee of The Royal Society under the direction of Isaac Newton. See also related papers in Cambridge University Library Collection, Add. MS 3968].
207. The Gregory Volume, ff. 6-14v, 163-6	Isaac Newton autograph manuscripts. i) Revisions for <i>Principia Mathematica</i> ii) Manuscript notes in English and Latin
208. Classified Papers, vol. XVI, item 14	Remarks upon a chronological index in French purporting to be by Isaac Newton but printed in Paris without the his sanction. Read 1725.
209. Miscellaneous Manuscripts, vol. XVI, item 110	Sir Isaac Newton's description of an instrument for observing at sea, communicated to the Royal Society. August 16, 1699.

Location	Description
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## REEL TWENTY-EIGHT

## Public Record Office

## 210. MINT 19/1

## PART 1.—THE STATE OF THE MINT.

NEWTON. An account of the Mint in the Tower of London, *on* 4 pp. AUTOGRAPH

NEWTON. The State of the Mint and Coynage according to the best of my knowledge, *on* 4 pp. AUTOGRAPH

NEWTON. An Account of the Mint in the Tower of London. *on* 3 pp. AUTOGRAPH

NEWTON. The State of the Mint, *on* 2 pp. AUTOGRAPH

NEWTON. Observations concerning the Mint. Of the Assays: Of the Melting; Of the Making of the Moneys, *on* 4 pp. AUTOGRAPH

## PART 2.—PAPERS RELATING TO THE OFFICE OF THE WARDEN OF THE MINT.

Copy of a report of the Commissioners for executing the office of Master and Worker of His Majesty's Mint. 2 pp.  
23 Feb. 1684

Copy of a Warrant giving authority to Sir William Parkhurst for the payment of extra-ordinary expenses in the mint, incurred "in the melting, recoyning, and delivering of the late Crosse and Harpe money," and hereafter to be incurred in "the telling melting downe, essaying, coyning, and delivering of our Treasury lately come from France." 1 p.  
13 Dec. 1662

Form of Oath (*in Newton's hand*) to be administered to the principal officers of the Mint, *signed*. Richard Sandford and Isaac Newton. Also, on the same paper, Memorandum (*signed* William Lowndes) that the oath was taken on 30 March 1715 by Sir Richard Sandford, Bart., Warden of the Mint, and Martin Bladen, Esq., Comptroller of the Mint. 1 p.  
30 Mar. 1715

Account of disbursements from 6 Feb. 1689 to 6 Feb. 1690, *with note in Newton's hand*, 1 p.  
6 Feb. 1669

List of Schedule of the Vouchers of the Account of Isaac Newton, Esq., late Warden of His Majesty's Mint of the Tower, 3 pp.  
12 June 1700

Location	Description
	<p>A Memoir addressed to Newton by Thomas Fowle, one of the Clerks of the Mint giving an account of the previous wardens :—</p> <p>“ That since his coming to the Mint, which was about the 20th of July, 1672, Sir Anthony St. Leger, then Warden of the Mint, came very seldom to the place, and did not anything of service more then to come and ask how the affairs of the Mint were, and that was all, and soe went away.</p> <p>“ After him one Sir Thomas Wharton, Knight of the Bath, and his sonn Phillip, men of plentifull fortunes joyntly were wardens, who sometimes came to the Mint and asked a few questions relating thervnto, and did some business, and to little or no more purpose than the former.</p> <p>“ Succeeded tham, one Sir Phillip Floyd, a very ingenious gentleman, a civilian by profession, one of the Clerkes of the Councill, and one of the Secretarys to the then Earle of Danby, Lord High Treasurer of England, who as warden assisted the officers of the Mint in severall affaires proper for the Warden to the Lords of the Treasury, who succeeded the said Earle of Danby, and continued soe for the space of a twelve month and then dyed.</p> <p>“ Next to him came one Doctor Owen Wynn, a learned civilian and chiefe secretary to the Earle of Sunderland, whose attendance was frequent and diligent and very serviceable in his station, and not long after his present Majestie's accession to the crown relinquished his employment.</p> <p>“ His successor was one Benjamin Overton, Esq., who came from beyond sea with his Majesty as was reported ; who came sometimes to the Mint and did some business now and then in a transitory manner, and then went his way, who having his Majestie's favour was made a Commissioner of the Customes, and soe left his warden's place here.</p> <p>“ And now at present yourself in the office of warden, which if I may be so bold to say, and with submission, I question not but wee shall find you farr to exceed the rest for the good and privileges of the Mint, more than all your predecessors.”</p> <p>followed by anecdotes illustrating the privilege of the Mint and its officials within the Tower, 5 pp.</p>
	<p>“ An account of what belongs to the Warden of Her Majestie's Mint within the Tower of London ” ;</p> <p>“ About the year 1633 Sir William Parkhurst and Sir Anthony St. Leger were Wardens of the Mint, at which time the Warden's dwelling house was accounted from the house wherein Mr. Roettier now lives, unto the kitchen above stairs the aforesaid G. M<sup>r</sup> hath, and so vpwards, and all the rooms over the kitchen and parlour was then a publick office for the Irish money, and the Warden passed to it from his house above stairs.”</p> <p>Long after this “ one Richard Brigot (a Frenchman) made a proposall to King Charles the 1st to coin money by the mill, and presse it better than the moneyers did, so that then he had the said office or roomes above-stairs by a staircase added to those below allowed him by the officers, and he lived therein. And after his death the moneyers took possession thereof, and kept it vntill the unhappy rebellion, when one Holland came to be Warden, and settled his clerke in the said house, and after that one St. Johnes was warden, and did the same to his clerks ; so that from that time the whole hath bin reported as belonging to the wardens.”</p> <p>1 p.</p>
	<p>25 February 1684. Schedule of records, documents, weights, and other articles, <i>copy, headed</i> :—</p> <p>“ Received of Magdalena Wharton, widdow and executrix of Phillip Wharton, Esq., deceased, late Warden of His Majestie's Mint, the several things hereunder mentioned belonging to the said office, and always kept in the custody of the Warden of the said Mint.”</p> <p>1 p. <span style="float: right;">25 Feb. 1684</span></p>
	<p>PART 3.—PAPERS RELATING TO THE OFFICE OF THE MASTER OF THE MINT.</p> <p>Copy of an order of Lords of the Council for the settlement of controversies between John Louyson, Master, and Richard Martyn, Warden of Her Majesty's Mint. 1 p.</p> <p style="text-align: right;">5 June, 17 Eliz.</p>

Location	Description
	<p>“ Articles prouinge the distinction of the offices and officers of the mynte from the offices and officers of the exchange ” 1 p. (<i>large folio</i>) [XVI cent.]</p>
	<p>“ Articles owte of the redde booke to proue that by the contents thereof the wardens were not to ouerse the Master’s meltinges.” 1 p. (<i>large folio</i>) [XVI cent.]</p>
	<p>“ Notes to proue that it appeareth not by thaccomptes the kinge had any proffittes or the warden any ouersight of the Master’s meltinges,” 1 p. [XVI cent.]</p>
	<p>“ Articles to prove that it appereth not by the Master’s indentures the king was to have anye proffitt or the Warden any ouersight of the Master’s meltinge’s.” [An official memorandum prepared during the investigation of the matters in dispute between John Louyson and Richard Martyn.] 1 p. <i>large folio</i> [XVI cent.]</p>
	<p>List of Mint Indentures. [A document prepared for the investigation of the controversies between John Louyson and Richard Martyn.] 1 p. [XVI cent.]</p>
	<p>Affidavit (official copy) of John Hillard of London, goldsmith, aged fifty-six years, and formerly servant of Mr. Frinde, gold refiner, when Martin Bowes was Master and John Browne was Warden of the Mint, in the Tower of London: [in disproof of the present Warden’s assertion of his right to oversee the Warden’s meltings]. 1 p. (<i>large folio</i>) 16 Aug. 1575</p>
	<p>Affidavit (copy) of Thomas Clenton, citizen and goldsmith of London, aged seventy-six years; agreeing with the testimony of John Hilliard, and describing the customs regarding the keys of the melting houses, etc. 1 p. 26 Aug. 1575</p>
	<p>Affidavit (copy) of Edward Patc, of Kettleby, co. Leicester, gentleman, of the moneyers of the Mint in the time of Henry the Eighth, “ no Warden or other officer of the Mint presumed to entermeddle with the Master’s ratinge of his pottes or meltinges.” 1 p. 12 Oct. 1575</p>
	<p>“ Brief Notes of suche Articles and Profes as the Master hathe shewed to the sworn men against the Warden’s Ouersight of the Master’s Melting.” [Relating to controversies between John Louyson and Richard Martyn.] 1 p. [XVI cent.]</p>
	<p>“ The Master’s answer touchinge the ratinge of the potte.”  “ Wherefore, the nowe Master findeth him self motche iniured and greued by the slaunderous speches of his aduersaries whose reporte id that th Master by putting copper to the bullion at his plesure maketh the moneyes courser then he ought to doe, a thing verry odious in the eares of the vnskilfull people; wherefore he hath thought good to shewe how of necessitie there mvst be copper put to the bullion, whereby the rating of the potte is required and vsed and howe that in puttinge copper to the bullion the Maſter doth no wronge neither to Her Majestie nor to the Subjecte.” [Part of John Louyson’s answer to Richard Martyn.]  3 pp. [XVI cent.]</p>
	<p>Collection of notes and extracts from John Louyson’s patent for his office of Master of the Mint in the Tower of London: together with brief comments on the passages of the patent that justify the Master’s manner of discharging the duties of his office. 7 pp. [XVI cent.]</p>

Location	Description
	<p>“ A brief Discourse shewing the causes of the Controueries growen betweene the Warden and the Master Worker of the Mynte.” [The formal reply of John Louyson to Richard Martyn’s charges.] 4 pp. [XVI cent.]</p>
	<p>The First Complaintes of the Warden exhibited against the Master, and The Master’s Answers to the same. [A fuller account of the matters in dispute between Louyson and Martyn.] 6 pp. [XVI cent.]</p>
	<p>The Master’s Answer to the Warden’s Informacioun, exhibited to the Right Honourable the Lords of Her Majestie’s Priuey Councell, Comissioners appointed to here and determine Mynte Causes, 1 p., and rough Notes of particulars set forth in the document. 5 pp. [XVI cent.]</p>
	<p>Memorandum of an appointment of Edward Harlunge to “ hould and enjoye the place, houses and roomes belonging to the keepinge of the dyett of the mint for the officers there in soe large and ample a manner as Richard Millar his predecessor in that place did.” <i>Signed</i>, Henry Tweed, Edward Villiers, Richard Rogers, Andrew Palmer., 1 p. 8 June 1622</p>
	<p>Certificate that Isaac Newton, Esq., Warden of the Mint, took his corporal oath before the Lords of the Treasury “ not to reveal or discover (directly or indirectly) to any person or persons whatsoever the new invention of rounding the money and making the edges of it with letter or grainings or either of them.” <i>Signed by Wm. Lowndes</i>, 1 p. 2 May, 1696</p>
	<p>Bond of Isaac Newton to King William the Third, in the sum of 2,000 l. for the due performance of the duties of his office of “ Master and Worker of all monies, both gold and silver, within His Majesty’s Mint in His Majesty’s Tower of London and elsewhere in His Majesty’s kingdome of England.” Witnessed by Geo. Wattes and Matt. Hutton (<i>cancelled and part of Newton’s signature cut out</i>), on vellum 21 Jan. 1700</p>
	<p>NEWTON. A.L.S. (<i>draft</i>) to the Lords of the Treasury</p> <p>it has been usual for the Masters and Workers of His Majesty’s Mint to give 2,000<i>l</i> security to the King before the sealing of the indenture of the Mint, and to mention the same in the indenture. Thus did Sir Robert Harley in the second year of King Charles the First, Sir Ralph Freeman in the 12th year of King Charles the Second, and Mr. Slingsby in the 22nd year of the same King. Mr. Neale, having spent a large estate, and being far in debt, made his way into the place by granting half the thereof to other officers of the Mint, and giving 15,000<i>l</i> security to the King, and had time given him to find this security after the sealing of the indenture ; but his melter, Mr. Ambrose (through whose hands all the coynage was to pass) gave but 2,000<i>l</i> security to Mr. Neale. The coynage being now much less than in the time of any of the masters and workers above-mentioned, if your Lordships please to accept of the usual security of 2,000<i>l</i>, I am ready to give it, that it may be entered in the indentures now to be sealed. All which is most humbly submitted to your Lordships’ great wisdome. Is. Newton.”</p> <p>1 p. <i>Mint Office</i>, 21 June 1700</p>
	<p>NEWTON. A.L.S. (<i>draft</i>) on the renewal of his indentures of the Mint, to the Lord High Treasurer offering the following security for his performance of the duties of his office of Master and Worker of the Mint, viz., himself in the sum of £2,000, and Thomas Hall, and John Fauquier, in the sum of £1,000 each, ½ p. <i>Mint Office</i>, 20 Aug. 1702</p>

Location	Description
NEWTON.	<p>Rough Auto. draft of item 32, with additional note at foot</p> <p>" May it please your Lordships, His Majesty having been pleased to appoint me Master and Worker of his Mint, and it being usual to give 2,000<i>l</i> security for the due performance of the trust, I humbly propose the security following. Is. Newton, M<sup>r</sup> and W<sup>r</sup> of the Mint, 2,000<i>l</i>; the Rt. Honble. Charles Montague, Esq., 1,000<i>l</i>, and Thomas Hall, Esq., 1,000<i>l</i>; or — Floyer, Esq., 1,000<i>l</i>, and Tho. Pilkington, gent., 1,000<i>l</i>."</p> <p>1 p. <span style="float: right;">[June 1700]</span></p>
	<p>Certificate that Sir Isaac Newton gave due security for the proper performance of his duties as Master and Worker of the Mint, on the 12th day of May 1719, upon the renewal of his indenture for the said office, <i>signed by M. Hutton</i>, 1 p.</p> <p style="text-align: right;">11 Aug. 1719</p>
NEWTON.	<p>AUTOGRAPH COPY of the oath taken by him to perform and keep all the covenants and agreements of his office of Master and Worker of the Mint. <math>\frac{1}{2}</math> p. <span style="float: right;"><i>undated</i></span></p>
NEWTON.	<p>AUTOGRAPH COPY of a form of Letters of Deputation for the Warden, Master, or Controller of the Mint, 1 p. 1696</p>
NEWTON.	<p>AUTOGRAPH COPY of a form for his bond to Her Majesty for the due performance of the duties of his office in the Mint, 1 p. <span style="float: right;">11 June 1702</span></p>
	<p>Memorandum of the appointment of Hannah Briggs, " to have and enjoy the place, houses, and roomes belonging to keeping of the Diet of the Mint for the officers there." <i>Signed Phi. Lloyd, Tho. Neale, Cha. Duncombe, Ja. Hoare, John Brattell</i>, <math>\frac{1}{2}</math> p. <span style="float: right;">5 Sept. 1685</span></p>
	<p>Memorandum of the appointment of Frances Harley, widow, to " hold and enjoy the places, howses, and roomes belonging to the keeping of the Dyett of the Mint for the officers there." <i>Signed, Antho. St. Leger, John Buckworth, Cha. Duncombe, Ja. Hoare</i>, <math>\frac{1}{2}</math> p. <span style="float: right;">23 Oct. 1680</span></p>
	<p>Copy of a warrant to Thomas Neale, Master and Worker of the Mint. Authorising him to retain fourteen pence per pound, Troy weight, out of the new moneys proceeding from the silver of the clipt moneys, and to distribute the same amongst the officers and workers of the Mint, in proportions set forth in the warrant, 3 pp. <span style="float: right;">18 Mar. 1695/6</span></p>
NEWTON.	<p>AUTOGRAPH Draft of a letter regarding effect of the Coinage Duty on a clause in the Master's Indentures. 1 p. <span style="float: right;"><i>undated</i></span></p>
	<p>Official copy of the patent of the grant, during pleasure, of the office of Master and Worker of the Mint to Isaac Newton, Esq., together with a yearly pension of £500, and all fees, houses, gardens, and advantages pertaining to the said office. <i>Autograph note at foot</i>, " June 9th 1707. Examd. Is. Newton." 1 p. (<i>large folio</i>) <span style="float: right;">11 June 1 Anne [1702]</span></p>
	<p>Copy of the warrant for the re-arrangement of the salaries of officers of the Mint, with schedule of the Stipends assigned to the several offices, 3 pp. <span style="float: right;">17 July 1667</span></p>
	<p>List of the successive Wardens, Masters and Comptrollers of the Mint from 1603 to 1692, 1 p.</p>
	<p>Bill of incidental expenses for affairs connected with the business of the Mint, <math>1\frac{1}{2}</math> pp. <span style="float: right;">5 Nov. 1688—30 Sept. 1689</span></p>

Location	Description
	Statement of the expenditure of the Mint in salaries and allowances to officers for 1712, 1 p. 25 Dec. 1712
	Similar statement for 1713, 2 pp. 25 Dec. 1713
	Abstracts of the successive grants for life of the office of Master and Worker of the Mint to Sir Ralph Freeman (July 1660), Henry Slingsby, Esq. (August 1670), and Thomas Neale, Esq. (July 1678); from which precedents Joseph Moyle (the writer of an appended note), argues that the office was usually granted for life before the appointment of Sir Isaac Newton, to whom it was granted only during pleasure. 22 Mar. 1626/7 [for 1696/7]
PART 4.—PAPERS RELATING TO THE OFFICE OF ASSAY MASTER OF THE MINT.	
	Memorandum on the powers and functions of the Assay Master, Combating the notion that he is a check upon the officers of the Mint, "Whereas on the contrary the Comptroller is a cheque upon the whole Mint, and all the three first officers are cheque upon the Assay Master." 2 pp. undated
	NEWTON. "The State of the Mint in relation to the Queen's Assay Master," draft, 2 pp. AUTOGRAPH undated
	Joint petition of James Whitacre, clerk and fireman in the Assay Office of the Mint, and Robert Lowe, porter of the Mint, to the Lords of the Treasury, for increase of salary; each of the petitioners having hitherto received only £25 a year, 1 p. undated
	NEWTON. Three rough Drafts, AUTOGRAPH, of a Letter to the Lords of the Treasury, respecting the competitive examination of Mr. Brattel and Mr. Oadham in the making of assays of gold and silver, in which trial Mr. Brattel has shown himself "the more expert," on 1 p. [1713]
	Representation and Petition of Catesby Oadham to the Earl of Wharton, Lord Privy Seal, that the petitioner has not met with justice from Sir Isaac Newton, who in his recent examination (on 8 April 1713) of the merits of the petitioner and Mr. Brattel for the post of Assay Master of the Mint, was guilty of partiality and unfairness in his preference of Mr. Brattel, 1½ pp. [1713]
	NEWTON. Rough draft of a Letter, AUTOGRAPH, showing the inaccuracies of Mr. Catesby Oadham's letter to the Earl of Wharton, and justifying by an account of the competition his recommendation of Mr. Brattel, 1 p. [1713]
	Petition of Charles Brattell for the office of Assay Master in the Mint, vacant by the death of the petitioner's brother, Daniel Brattell, to whom the petitioner has been assistant for fifteen years past 31 Jan. 1712/13
	NEWTON. Rough draft of a long Letter, AUTOGRAPH, defending his recommendation of Mr. Brattell, and answering Mr. Catesby Oadham's assertions and arguments, on 4 pp. (containing also a mathematical problem, with diagram) [1713]
	NEWTON. Rough draft of another letter, AUTOGRAPH, on the same matter, and to the same effect, on 3 pp. [1713]
	Oadham (Catesby) Statement of his Grievances against Newton, 1 p. [1713]

Location	Description
	NEWTON. Rough draft of a Letter, AUTOGRAPH, to the Lords of the Treasury, concerning the appointment of an Assay Master for the Mint, 1 p. [1713]
	Humble Representation and Petition of Daniel Brattell, Assay Master of the Mint, to the Lords of the Treasury for the consideration and remedy of grievances under which he labours at the Mint, 1 p. 21 Jan. 1697
	NEWTON. Notes on the making of Assays, etc., on. 4 pp. AUTOGRAPH
	Haynes (H.) Letter respecting certain parcels of gold, suspected by the writer "to be of a bad mixture," which the South Sea Company have recently received from their agents in the West Indies, and sent to the Mint, 2 pp. 6 Sept. 1726
	"Of the Assaying of Gold and Silver, the making of indented Triall-pieces, and trying the moneys in the Pix," 2 pp. undated
	PART 5.—PAPERS RELATING TO THE OFFICE OF THE WEAIGHER AND TELLER OF THE MINT.
	NEWTON. Draft of a Letter, AUTOGRAPH, to the Lords of the Treasury, supporting Hopton Haines's petition for the office of Weigher and Teller of the Mint, 1 p. undated
	Draft of Hopton Haines's petition to the Lords of the Treasury, for the office of Weigher and Teller of the Mint, vacant by the death of Mr. Tho. Fitch, 1 p. undated
	Copy of Philip Shales's petition for the office of Weigher and Teller, 1 p. undated
	Copy of the petition of Charles Brattell for the office of Weigher and Teller undated
	Copy of the petition of George Foord for the office of Weigher and Teller, 1 p. undated
	Copy of the petition of Mr. Thomas Edwards for the office of the Weigher and Teller, 1 p. undated
	NEWTON. AUTOGRAPH COPY of a Letter (signed twice) to the Lords of the Treasury regarding Hopton Haines's petition for the office of Weigher and Teller; and four AUTOGRAPH DRAFTS of the same letter, differing only slightly from one another and item 65, on 9 pp. undated
	Letter to the Lords of the Treasury on the Application for the office of Weigher and Teller, 1½ pp. undated
	Inspector's Report on the slight differences between the Exchequer weights and the Tower weights, ½ p. 6 Aug. 1701
	NEWTON. Reports on the weights used at the Mint, with calculations, on 4 pp., AUTOGRAPH [? 1701]
	Report by Hopton Haynes on the weights used at the Mint 29 April 1724

Location	Description
	PART 6.—PAPERS RELATING TO THE OFFICE OF GRAVER OF THE MINT.
	Attested copy of the Patent (dated 27 July, 21 Car. II) of the grant for life, in survivorship, of the office of Graver of the Mint to the three brothers John, Joseph and Philip Roettiers, who "have at our instance and desire quitted their native countryes, and are willing to settle themselves in this our kingdom, and to employ their whole tyme in the said arts for our services," 4 pp. 15 Aug. 1698
	Lowndes (W.) Letter to the Warden, Master and Worker, and Comptroller of the Mint, transmitting the petitions of Colonel William Parsons, Mr. John Croker, and Mr. Rose, for the office of Engraver of the Mint, vacant by the death of Henry Harris. 1 p. 8 Aug. 1704
	Petition of John Fowler for the office of Engraver of the Mint, 1 p. 7 Aug. 1704
	Petition ( <i>imperfect</i> ) of Colonel Parsons for the Office of Engraver of the Mint, 2 pp. [1704]
	Petition of John Croker for the office of Engraver of the Mint; (he "succeeded Mr. James Rotier in engraving the puncheons and dyes for the coinage at the Tower and five country Mints") 1 p. [1704]
	NEWTON. Copy of a Letter from Newton to the Lord High Treasurer on the gravers of the Mint and their ancient liberty to make medals for their private advantage ( <i>not autograph, but containing additions in his hand</i> ) 1 p. undated
	NEWTON. "A proposal for regulating the graver's office" $\frac{1}{2}$ p. AUTOGRAPH ( <i>signature removed</i> ) 8 Sept. 1704
	NEWTON. Draft of a Report to the Lord High Treasurer on the petitions for the office of Engraver of the Mint, $\frac{1}{2}$ p. AUTOGRAPH [1704]
	Order for the seizure of all puncheons, dyes, and presses belonging to His Majest'y Mint in the hands of Mr. Roettier, <i>signed</i> : Paul Joddrell, $\frac{1}{4}$ p. 2 Feb. 1696
	NEWTON. AUTOGRAPH COPY of a Letter to the Lords of the Treasury, asking for an allowance of £30 per annum with meat, drink, and clothes, to one Beresford, now the journeyman and heretofore the apprentice of Mr. Croker, graver to the Mint, $\frac{1}{2}$ p. 26 June 1722
	NEWTON. Draft, the greater part AUTOGRAPH, of the Report on the qualifications of the various applicants for the office of Graver to the Mint, and recommending the appointment of John Croker, 2 $\frac{1}{2}$ pp. [1704]
	NEWTON. AUTOGRAPH DRAFT of a Grant of Authority to Croker and Bull to have the custody of "all Engines, instruments and devices whatsoever to be used in the making of the Puncheons and Dyes or stamps, etc." $\frac{1}{2}$ p. [1704]
	Letter ( <i>signed</i> C. Peyton, I. Newton, E. Philipps) to the Earl of Oxford and Mortimer, recommending that an allowance of 35 l. per annum be made binding Francis Beresford apprentice to John Croker. Endorsed with the Lord Treasurer's warrant (dated 15 July 1712), 2 pp. 16 June 1712

Location	Description
	NEWTON. Rough Draft of the Letter numbered 81 in this series on the ancient privilege of graver in the Mint, <i>on 2 pp.</i> AUTOGRAPH <i>undated</i>
	NEWTON. <i>Notes for the same Letter</i> , 1 p. AUTOGRAPH <i>undated</i>
	NEWTON. Rough draft of the Report on the Candidates for the office of Graver of the Mint (no. 86) <i>on 3 pp.</i> AUTOGRAPH [1704]
	Copy of the Patent of the Grant, during pleasure, of the office of Engraver of the Mint to Henry Harris, gentleman, $2\frac{1}{4}$ pp. 26 Sep. [1702]
	NEWTON. Rough draft of a Letter to the Lord High Treasurer, recommending an increase of salary and allowance to Mr. Bull, one of the engravers of the Mint, 1 p. AUTOGRAPH <i>undated</i>
	NEWTON. Another rough draft of the Report on the Candidates for the office of Engraver of the Mint (nos. 86 and 91) 1 p. AUTOGRAPH [1704]
	Fair copy, signed by C. Peyton and Is. Newton, of the letter numbered 88 in this series, 1 p. 12 Sep. 1711 ( <i>sic.</i> )
	Humble memorial of Samuel Bull, second engraver of the Mint, addressed to Newton, asking for increase of salary and enlargement of privileges, $1\frac{1}{2}$ pp. 14 Sept. 1722
	NEWTON. Copy of a Letter, in Newton's hand, to the Lord High Treasurer, recommending Le Clerk for the office of third engraver of the Mint, under Mr. Crocker and Mr. Bull, signed by Newton and J. Ellis, <i>but Newton's signature partly removed</i> , 1 p. 13 Sept. 1704
	Fair copy, signed by J. Stanley, Is. Newton, and Jn. Ellis, with additions in Newton's hand, of the report (86, 91, and 94) on the candidates for the office of Engraver of the Mint, and a rough and incomplete copy of the same, 4 pp. 22 Aug. 1704
	Fair copy of Newton's letter (nos. 81 and 89) on the privilege of engravers of the Mint ( <i>Newton's signature removed</i> ) 1 p. 12 Oct. 1704
	NEWTON. Memorandum on the misunderstanding respecting the contract between Mr. Harris, Engraver of the Mint, and Mr. Croker, a jeweller, whom Harris had engaged to serve under him in the Mint, 1 p. AUTOGRAPH <i>undated</i>
	Copy of a Memorial to the Lord High Treasurer, on the importance of the office of the Engraver of the Mint, and making suggestions for maintaining its efficiency, 3 pp. <i>undated</i>
	NEWTON. Autograph Draft of the petition of John Rollos, engraver of the King's signets, seals, stamps and arms, for the office of assistant graver of the Mint, vacant by the death of Mr. Samuel Bull, $\frac{1}{2}$ p. <i>undated</i>
	NEWTON. Copy of a Bill for work done for the Mint at Edinburgh, by John Croker and Samuel Bull, gravers, and Thomas Silvester, smith, to Her Majesty's Mint in the Tower of London, 1 p. AUTOGRAPH 15 July-18 Dec. 1707

Location	Description
	<p>NEWTON. Estimate of the cost of equipping a Mint, with details of all the various items from the Rollers and Mills down to "Twelve douzen hard hand brushes at 3d. a piece" 1 p.            AUTOGRAPH <span style="float: right;">undated</span></p>
	<p>PART 7.—PAPERS RELATING TO THE OFFICE OF THE MELTER IN THE MINT.</p>
	<p>NEWTON. Autograph Draft of a Letter, signed about the processes of melting and refining gold and silver at the Mint, and the waste attending each of those processes, <i>on 2 pp., with pen and ink sketches of plant on another page</i> <span style="float: right;">undated</span></p>
	<p>NEWTON. Autograph Copy of a letter from the Master of the Mint at Edinburgh to the Lord High Treasurer, about the process of melting silver in the said Mint, <i>on 2 pp.</i>, headed by the following IMPORTANT MEMORANDUM of a warrant concerning the "Historia Cœlestis" also in Newton's hand:—  <i>"November 28, 1706, Sir, We desire you to pay to Mr. John Flamsteed, Her Majesty's Astronomer, upon account the summ of fifty pounds towards defraying the charge of preparing his Astromical papers for the publick and correcting the press, and the same sum shall be allowed in account to his Royal Highness the Prince."</i></p>
	<p>Copy of resolution and orders made by the officers of the Mint at Edinburgh for regulating the meltings of silver in that Mint, 1 p. <span style="float: right;">10 Nov. 1707</span></p>
	<p>Minute of Observations and an order for the melting of silver in the Mint at Edinburgh, 1 p. <span style="float: right;">5 Nov. 1707</span></p>
	<p>NEWTON. Autograph Draft of a letter to the Lord High Treasurer, recommending that the officers of the Mint at Edinburgh "be allowed to use their ancient method of alloying the molten silver to make it standard, untill the present recoinage of the moneys in Scotland shall be finished." 1 p. <span style="float: right;">14 Nov. 1707</span></p>
	<p>Letter from Hercules Scott of Edinburgh, to Newton, about the process of melting silver in the Mint at Edinburgh, 2 pp. <span style="float: right;">21 Mar. 1713</span></p>
	<p>Letter from D. Gregory of Edinburgh to Newton, giving an accurate account of the last melting at the Mint in Edinburgh, 2 pp. <span style="float: right;">9 Oct. 1707</span></p>
	<p>Copy of warrant (signed by L. Hide, J. Henly, Ed. Dering, S. Godolphin, Ste. Fox), to Henry Ayloff, the King's Remembrancer to take security, for the performance of their duties and trusts in the Mint, of John Buckworth, Charles Duncomb, and James Hoare, Esquires, appointed by letters patent, dated 15 July, Commissioners to execute the office of Master and Worker of the Mint in the Tower of London, 3 pp. <span style="float: right;">3 Aug. 1680</span></p>
	<p>Letter (signed Is. Newton, Tho. Neale) to the Lords of the Treasury, respecting the petition of Jonathan Ambrose, Melter of the Mint, for certain allowances and privileges, and a rough Draft of the Letter, <i>on 4 pp.</i> <span style="float: right;">10 Dec. 1696</span></p>
	<p>Memorandum of the duties of the Melter of the Mint, 1 p. <span style="float: right;">undated</span></p>
	<p>Humble Memorial of Jonathan Ambrose, that he is losing money by the melting of plate, 1 p. <span style="float: right;">7 Aug. 1696</span></p>

Location	Description
	<p>NEWTON. Autograph copy of a letter from Newton to the Lords of the Treasury, recommending certain allowances to be made to "Mr. Peter Floyer and Mr. Charles Shales for receiving the hammered money, and delivering the full weight thereof in standard silver into the Mints." 1 p. (<i>signature removed</i>) 22 Feb. 1696</p>
	<p>Account of the tools delivered to the Tower, 1 p. 25 May 1696</p>
	<p>NEWTON. Autograph draft of a letter to the Master of the Edinburgh Mint</p> <p>I am enquiring for a melter to be sent down to you. But it's not practicable for any man to undertake the meltings with your Pit Coal, until he has had some experience in working with it, and finds out by that experience how the fire may be governed, so as not to overheat the metal. For no man can undertake to do a thing before he knows how to do it, nor how to do a thing of this nature without experience (and giving instructions for melting).</p> <p>1 p. <i>undated</i></p>
	<p>Articles of agreement and contract between Isaac Newton, Esq., Master and Worker of His Majesty's Mint, and Philip Shales of London, gentleman, whereby Shales agrees to perform the duties of melter in the Mint, and Newton binds himself to render him certain payments and allowances. Also, an Inventory of the tools and utensils belonging to the melting houses of the Mint, appraised (8 September 1681) by Edward Silvester and Peter Johnson, on 2 sheets of vellum, signed by Newton 25 Feb. 1701</p>
	<p>PART 8.—PAPERS RELATING TO MONEYSERS OF THE MINT.</p>
	<p>Warrant signed R. Hampden, Ste. Fox, Th. Pelham, to the Warden, Master and Worker, and Comptroller of the Mint, to deliver the keys, tools, and engines pertaining to the office of Engineer to the Mint, to "Thomas Anderson, the present Provost of the Moneyers." 1 p. 3 Nov. 1690</p>
	<p>Copy of a letter from Newton to the Lord High Treasurer recommending an allowance of 400 l. per annum to be made to the twenty-one moneyers of the Mint, in addition to their previous allowances; on the understanding that the number of the said moneyers be reduced gradually from twenty-one to sixteen, which last number of moneyers is thought to be "sufficient for carrying on the service of the Mint upon extraordinary occasions,"—and a copy of the Lord Treasurer's warrant (dated 19 November 1706) to Newton to pay £400 per annum out of the coinage duty to the Provost of Moneyers, for distribution amongst the moneyers in accordance with Newton's recommendation, 1 p. 25 Sept. 1706</p>
	<p>The Case of Charles Stuart, one of the moneyers belonging to Her Majesty's Mint in the Tower of London. A curious record (addressed to Newton), of a trades union amongst the moneyers of the Tower of London, and the means they took to "ratten" and punish one of their number, named Charles Stuart, who refused to acquiesce in the new code of secret laws which the associated workmen framed for the protection of their interests against the action of the Master and other officers of the Mint, 1 p. (<i>large folio</i>)</p>

Location	Description
	Draft of a Report made by the Warden, Master and Worker, and Controller of the Mint to the Lords of the Treasury, respecting the charges of the Provost and Corporation of Moneyers for setting up Mints in the Tower of London and in the country, 2 pp. <i>undated</i>
	Bill of charges for making up the Engines for the Mint in Edinburgh, etc., with additions in Newton's hand, 2 pp. 27 Aug. 1707
	Draft of a letter to the Lords of the Treasury, containing an estimate of the weight and value of the tools and utensils made on account of the late great coinage, 1 p. <i>undated</i>
	NEWTON. Autograph Draft of a Letter to the Lords of the Treasury respecting a demand of the Moneyers of the Mint for £8032 13s. 6d. in payment for their labour in recoining the old clipt moneys, which sum is shown to exceed the sum due to them by nearly £4000, 1 p. 8 April 1699
	Copy of a Letter, addressed by the Provost and Fellows of the Corporation of Moneyers of the Mint, asking payment of over £8000 for their charges and labour in recoining the old clipt moneys, 1 p. <i>undated</i>
	Petition of John Trapps, Moneyer, to Newton, for a larger remuneration of his labours at the Mint, and for protection from the extortionate impositions of "the company," [i.e., the Corporation of Moneyers], 1 p. <i>undated</i>
	List of the Fellows and Apprentices of the Corporation of Moneyers, comprising fifteen Fellows and nine Apprentices, 1 p. <i>undated</i>
	PART 9.—PAPERS RELATING TO THE PLACES OF THE SMITH AND THE PORTER OF THE MINT.
	NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, recommending Robert Lowe for the place of Porter of the Mint, and suggesting that he should be appointed to it "by a constitution," as a year's income (£20) from the office would not cover the charges of a patent, $\frac{1}{2}$ p. <i>undated</i>
	NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, recommending that the salaries of clerks of the Mint (settled some sixty years ago, and no longer sufficient for their maintenance) should be increased by about a quarter, $\frac{1}{2}$ p. <i>undated</i>
	NEWTON. Autograph Draft (signed initials) of a Letter to the Lord High Treasurer, asking for the appointment of a salary to the office of Porter in the Mint, and for a resettlement of the office, so that the Master and Worker of the Mint may have the fullest power over the porter, $\frac{1}{2}$ p. 7 Aug. 1711
	NEWTON. List of cases relating to the appointment of smiths in the Mint of the Tower of London, <i>temp.</i> Henry VIII, Edward VI, Mary, Elizabeth, James I, Charles I, AUTOGRAPH, 1 p. <i>undated</i>
	Another and amended Autograph Draft of the letter (132) to the Lord High Treasurer, concerning the appointment of a Porter, 1 p. 7 Aug. 1711

Location	Description
	NEWTON. Autograph Copy of the Letter (No. 130), recommending Robert Lowe for the place of Porter of the Mint, $\frac{1}{2}$ p. 26 June 1722
	PART 10.—PAPERS RELATING TO TRIAL PIECES, TRIAL OF THE PYX AND METHODS OF ASSAYING.
	Bill of fees and charges of the Tryal of the Pix, one item being "£36 paid to the Wardens of the Goldsmith's Company by warrant of the Lords of the Treasury for the Jury's dinner," 1 p. 3 Aug. 1724
	NEWTON. "Directions about the triall of the Monies of Gold and Silver in the Pix," 2 $\frac{1}{2}$ pp. AUTOGRAPH undated
	Notes on the Trial of the Pyx, partly in Newton's hand, 1 p. undated
	Warrant for summoning a jury to make trial upon their oaths of His Majesty's Coins in the Pix of the Mint within the Tower of London, 1 p. 29 July 1701
	NEWTON. "Observations concerning the Triall of the Moneys in the Pix," 1 p. AUTOGRAPH undated
	NEWTON. Autograph Copy of a Letter to the Lords of the Treasury, praying that the Pix of the Coinage may be tried this summer; three years having elapsed, and a million and a half in gold and silver having been coined since the last trial of the Pix, $\frac{1}{2}$ p. 18 June 1724
	Copy of the Order for a trial of His Majesty's coins in the Pix of the Mint, 1 p. 11 June 1696
	NEWTON. Autograph Draft of a precept addressed to the Wardens of the Goldsmiths' Company for the appointment of a jury to serve at a trial of Her Majesty's Pix in the Court-room of the Duchy of Lancaster within the Receipt of Her Majesty's Exchequer at Westminster, 2 pp. — June 1707
	NEWTON. Autograph Draft of a Writ of a Summons, addressed to the Wardens and Company of Goldsmiths, for the appearance of the Wardens and Assay Masters of the Company (together with the box or boxes, etc., of the Diet of Plate assayed by the Assay Masters of the Companies of Goldsmiths in York, Exeter, Bristol, Chester, Norwich, and Newcastle-on-Tyne), at a trial of the Pix at Westminster, 1 p. 28 July [? 1707]
	NEWTON. Note of a trial of the Pix, $\frac{1}{2}$ p. AUTOGRAPH 28 July 1707
	NEWTON. Note of another trial of the Pix, $\frac{1}{2}$ p. AUTOGRAPH 3 Aug. 1699
	Notes on a trial of the Pix, 2 pp. 15 July 1697
	NEWTON. "Of the Assaying of Gold and Silver, the Making of indented Triall Pieces, and Trying the Moneys in the Pix," three AUTOGRAPH Drafts, on 14 pp. undated
	NEWTON. Report on the making of Trial Pieces, AUTOGRAPH draft and a Memorandum of "Observations upon the Proceedings of the Jury in making Tryal Pieces," also AUTOGRAPH, 4 pp. undated

Location	Description
	“The Manner of the Tryall of the Pix,” 2 pp. <i>undated</i>
	“Directions about the Triall of the Monies of Gold and Silver in the Pix,” 3 pp. <i>undated</i>
	NEWTON. “Observations concerning the Tryall of the Moneys in the Pix,” 2 Drafts, AUTOGRAPH, 2 pp. <i>undated</i>
	NEWTON. “A Memorial concerning the Trial of the Monies in the Pix by a Jury before the King or Lords of the Council and officers in the Mint,” 4 Drafts, and Notes for the Memorial, <i>together on 19 pp., all AUTOGRAPH undated</i>
	NEWTON. Memorandum on the estimation of the fineness of gold and silver, 2 drafts, 2 pp. AUTOGRAPH <i>undated</i>
	NEWTON. Two Autograph Drafts of a letter to the Lords of the Treasury, respecting the excessive fineness which the writer has discovered in “the present indented trial piece,” and Autograph Draft of another letter on the same subject, 2 pp. <i>undated</i>
	NEWTON. Autograph Draft of a Letter to the Lords of the Treasury respecting the trial of a gold piece, 1 p. <i>undated</i> ; Memoranda and Notes respecting the making and delivery of Standard Trial Pieces, together with Mint, Treasury, and Exchequer receipts for the same from February 1600 to October 1660. Also copies of Benjamin Overton’s receipts (dated in 1688 and 1689) for Standard Trial Pieces of gold and silver, delivered to him by Owen Wynne, Esq. 7 pp.
	Receipt for three Standard Trial Gold Pieces, and two indented Standard Silver Pieces, delivered by Newton, signed by J. Stanley, 1 p. <i>26 May 1700</i>
	NEWTON. “The Manner of making the Standard Trial Pieces,” 5 Autograph Drafts, <i>on 6 pp. undated</i>
	NEWTON. “Of the Assaying of Gold and Silver,” a fourth Autograph Draft of 148, 2 pp. <i>undated</i>
	NEWTON. “Of the Fabrication and Trial of the Moneys of Gold and Silver by the Assay,” and Notes, <i>together on 5 pp. all AUTOGRAPH undated</i>
	NEWTON. “The Present State of the Coynage in relation to the fineness of the Moneys,” 2 AUTOGRAPH Drafts, <i>on 5 pp. undated</i>
	Memoranda relating to trials of the Pix in years 1699, 1713, 1716, and 1726, 8 pp.
	“A Memorial concerning the Trial of the Monies in ye Pix by a Jury before the King of Lords of ye Council and Officers of the Mint,” 3 pp. <i>undated</i>
	PART 11.—PAPERS RELATING TO THE COINAGE DUTY.
	NEWTON. “An Accompt of the Deficiency of the Coynage Duty,” [with particulars of the accounts of the country Mints at Bristol, Exeter, York, Norwich and Chester] <i>on 4 pp. 1697</i> AUTOGRAPH
	Copy of a Privy Seal Warrant for the payment of moneys requisite for the business of the Mint <i>16 Nov. 1681</i>

Location	Description
	NEWTON. Copy, in Newton's hand, of a letter from Richard Sandford and Newton to the Lords of the Treasury. Recommending a renewal of the Coinage Act, with an augmentation of duties; the annual charge of the Mint promising to exceed its income by £5000 or £6000 yearly, 1 p., and another copy (not in Newton's hand) of the same letter 7 Feb. 1715
	NEWTON. Memorandum of "Charges arising by the Coinage in the years ending at Christmas 1713, 1714, 1715," and three Drafts of the same, on 3 pp. all AUTOGRAPH
	NEWTON. Memoranda used in the preparation of the letter (166) recommending a renewal of the Coinage Act, and Drafts of the letter, on 8 pp. all AUTOGRAPH [Feb. 1715]
	Copy of a letter requiring Newton to reduce the accounts for the charges of Mint, as they exceed the limits assigned, 1 p. undated
	NEWTON. Report on the Expenditure of the Mint for the year 1712; THREE AUTOGRAPH DRAFTS, and Autograph Memoranda used in making this very interesting report, together on 20 pp. (and a fair copy of the Report in another hand) [? 1713]
	Copy of a warrant for deducting sixpence in the pound from payments made at the Receipt of the Exchequer, 2 pp. 8 Aug. 1721
	NEWTON. Memoranda respecting the Coinage Acts of 18 Car. II, and Anne, 1 Geo. I, on 7 pp. AUTOGRAPH undated
	NEWTON. "Minutes for an Act for further Encouragement of Coynage"; "Amendment to the Coinage Bill," etc. 6 pp. AUTOGRAPH undated
	Letter (signed Is. Newton, Martin Bladen) to the Lords of the Treasury, applying for money to defray the last quarter's charges of the Mint, amounting to £1700, 1 p. 5 Sept. 1717
	NEWTON. Memoranda relating to the proposed Act for the Encouragement of Coinage, on 5 pp. AUTOGRAPH undated
	PART 12.—PAPERS RELATING TO THE INDENTURE OF THE MINT.
	Copy of an Indenture of the Mint between Queen Anne and Newton regarding his office of Master, 25 pp. 14 Jan. 1702
	NEWTON. Memoranda relating to Indentures of the Mint in previous reigns from 1 Ric. III to 3 Eliz., on 12 pp. AUTOGRAPH undated
	Form of oath administered to Newton on his admission to the office of Master and Worker of the Mint, 1 p. undated
	NEWTON. Autograph Copy of a warrant authorising him to continue as Master and Worker of the Mint, in accordance with the rules and orders of the Indenture of Dec. 1700, until a new Indenture of the Mint shall be prepared, 1½ pp. undated
	NEWTON. Memorandum respecting the coinage of quarter-guinea pieces in gold, 1 p. AUTOGRAPH undated
	NEWTON. Memorandum of alterations to an agreement, ½-p. AUTOGRAPH undated

Location	Description
	Extract from the indenture of the Mint, made between William and Mary and Thomas Neale, 2 pp. 2 April 1689
	PART 13.—PAPERS RELATING TO THE PROSECUTION OF CLIPPERS AND FALSE COINERS.
	NEWTON. "The Original and History of the Wardens prosecuting Clippers and Coiners," 1 p. AUTOGRAPH undated
	Warrant for the seizure of the clippings, clipped money, false money, and other chattels and property of clippers and coiners, for the King's use, 1 p. 1 Dec. 1686
	Copy of Privy Seal Writ for the Seizure of the chattels and all other property of clippers and false coiners, 3 pp. 16 Feb. 1673
	Privy Seal writ for dealing more effectually with the forfeited chattels and other property of clippers and false coiners and in remedying and checking those offences. Reciting previous Privy Seal writs of 16 February 1692 and 24 June 1693, on a large sheet of vellum 1696
	List of the names of severall persons who claimed by virtue of their grants the goods, &c., of traytors delivered to Mr. Attorney-Generall with other writings in January 1690, 1 p.
	"Reasons why the Bayliffe of Westminster ought not to claime the goods of Traytors and Felons, nor the tooles, clippings, &c., seized upon clippers and false coiners," 2 pp. undated
	NEWTON. Note on the case of the Bayliffe of Westminster, 1½ pp. AUTOGRAPH undated
	Reasons for making an Act of Parliament to prevent the Counterfeiting of the Coin, by Joseph Aiken Clark, 1 p. undated
	NEWTON. Autograph Draft of a letter addressed to the Lords of the Treasury, giving an account of his efforts to discover and punish clippers and false coiners, and begging to be relieved of the ungrateful task of prosecuting them.
	The new reward of forty pounds <i>per</i> head, has now made courts of justice and juries so averse from believing witnesses, and sheriffs so inclinable to impanel bad juries, that my agents and witnesses are discouraged and tired out by the want of success and by the reproach of prosecuting and swearing for mony. And this vilifying of my agents and witnesses is a reflexion on me, which has gravelled me, and must in time impair and perhaps wear out my credit. Besides that I am exposed to the calumnes of as many Coyners and Newgate solicitors as I examin or admit to talk with me, if they can but find friend to believe and encourage them in their false reports and oaths and combinations against me. I do not find that the prosecuting of coyners was imposed upon any of my predecessors (tho' some of them have done it) or is consistent with the Privy Seal; for he that gathers up the estates of convicted criminals should not intermeddle in this matter. . . 'Tis the business of an attorney, and belongs properly to the King's Attorney and Solicitor-General; and they are best able to go through it, especially with such assistance as they can procure. And therefore I humbly pray that it may not be imposed upon me any longer.
	1½ pp. signed [?1715]

Location	Description
	<p>NEWTON. Four Autograph Drafts of a letter to the Lords of the Treasury recommending the appointment of a Clerk and Solicitor to manage the Mint prosecutions of clippers and coiners, and a scheme of payments and allowances for his services, 7 pp. with some Notes on the Expenses of Prosecutions 5 July 1715</p>
	<p>NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, respecting the title of Thomas Dearsly, the informer, to a reward in a particular Mint case, 1 p. signed 1 Mar. 1720/21</p>
	<p>Petition of Gerard Bovey, button maker, for the restoration to him of a certain engine (invented and long used by himself for the manufacture of buttons) which is detained by the officers of the Mint as an engine that might be used for the coining of money, 1 p. 4 April 1699</p>
	<p>A similar petition of Jacob Wallis for the restoration to him of a hand wedge press long since invented and used by him for the manufacture of "hooks and chains for watches," 1 p. 4 April 1699</p>
	<p>Letter (signed, Is. Newton, Tho. Neale, Tho. Molyneux) to the Lords of the Treasury, against the return of their engines to Messrs. Bovey and Wallis, 1 p. with Autograph Notes by Newton on the subject, 1 p. 8 April 1699</p>
	<p>Petition of Thomas Dearsly, the informer, for reward and compensation for his assistance in a Mint prosecution, 1 p. 7 Jan. 1720/21</p>
	<p>1 March 1720/1. NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, stating that there is no precedent for consenting to Thomas Dearsley's petition, as his information has not resulted in a conviction, <math>\frac{1}{2}</math> p. 1 Mar. 1720/21</p>
	<p>NEWTON. Autograph Draft of a Letter to Henry St. John, Secretary of State, stating the Objections of the Officers of Mint to the reprieve of Jane Housden and Mary Pitman, under sentence of death for counterfeiting, on 3 pp. undated</p>
	<p>NEWTON. Two Autograph Drafts of a Letter to the Lord High Treasurer, recommending the allowance of Robert Weddel's claim for £337 1s. 6d. for services in prosecuting clippers and counterfeiters, with another Bill for Weddel's expenses (£467 15s. 2d.) in connection with other prosecutions; a draft of the same bill, and various notes, all in Newton's hand, on 5 pp. undated</p>
	<p>NEWTON. An Account of the Monies expended by Newton in apprehending and prosecuting clippers and coiners between 3 August 1696 and 4 July 1699, 4 pp. AUTOGRAPH [and account of some monies paid in the same service in 1645 and 1646]</p>
	<p>NEWTON. Autograph Copy of his warrant, to the Keeper of the Marshalsea Prison, to deliver up Charles Ecclestone, committed for counterfeiting, in order that he may be King's evidence in certain Mint prosecutions; and AUTOGRAPH copies of similar warrants to the Keeper of the Gate House, Westminster, and the Keeper of the New Prison for co. Middlesex, for the delivery of Joseph Gregory, also appointed to give King's evidence, 2 pp. 7 Sept. 1696</p>

Location	Description
	<p>NEWTON. Autograph Memoranda relating to Mint prosecutions at the Old Bayly and Lancaster Assizes, 2 pp. <i>undated</i></p> <p>Petition of Francis Moore, that he may receive the estate of William Hawkins lately executed at Lincoln for counterfeiting, 1 p. 12 Aug. 1697</p> <p>Copy of John Rotherham's petition to the Lords of the Treasury, that they would consider his scheme for making gold and silver coins in such a way that "it would be impossible to lessen their value by liquids, or any other means, without demolishing the whole body." 1 p. <i>undated</i></p> <p>NEWTON. Remarks on John Rotherham's Proposal, <math>\frac{1}{2}</math> p. AUTOGRAPH <i>undated</i></p> <p>Copy of the Order of Council, referring to the proposal of John Rotherham, of Barnet, Hertfordshire, for a new method of coining gold and silver money, 15 Oct. 1721, and a copy of his letter, dated 11 October 1720, respecting his proposal, 3 pp.</p> <p>Rotherham (John) A.L.s. to Newton:—</p> <p style="padding-left: 40px;">. . . The Method found out by me will effectually at all times hereafter prevent the current coin of this kingdom being counterfeited, whereby the lives of many persons in time to come will be saved, who else might suffer the law for counterfeiting</p> <p style="text-align: right;">3 pp. 19 Aug. 1720</p> <p>NEWTON. Autograph Memorandum:</p> <p style="padding-left: 40px;">In obedience to an Order of Reference of the late Lord Justices, dated 11 October 1720, upon a Memorial of Mr. John Rotherham proposing a new method of coining the moneys of Gold and Silver, so as to prevent the counterfeiting thereof, and to make it more durable, provided he may assured of a reward before he discovers his secret; and praying that it may be examined; I humbly represent that he offers nothing to be examined, and without examination, I am in the dark, and know not what report to make. I take him to be a trifler, more fit to embroyle the coinage than to mend it.</p> <p style="text-align: right;">[1720]</p> <p>NEWTON. Two Autograph Drafts of Memoranda respecting the statements of William Challoner, the false coiner and confederate of counterfeiters, 2 pp. <i>undated</i></p> <p>NEWTON. Autograph copy of the Petition of William Chaloner, to the House of Commons; charging the officers of the Mint with conspiring to work his destruction, and with divers illegal practices, 2<math>\frac{1}{2}</math> pp. <i>undated</i></p> <p>NEWTON. Autograph Draft of his "Answer to Mr. Chaloner's Petition," 1<math>\frac{3}{4}</math> pp. <i>undated</i></p> <p>NEWTON. Autograph Draft of a Memoir: "Chaloner's case," in which he describes all the frauds and criminal practices of William Chaloner, the counterfeiter, from the time when he exchanged "the sordid garb of an indigent japanner" for "the habit of a gentleman," and commenced his audacious and successful career of crime and imposture, 3 pp., A MOST INTERESTING PIECE <i>undated</i></p> <p>Order of the Committee of the House of Commons "That the Warden of the Mint doe against Saturday morning next prepare, or cause to be prepared, such matters and things as the Committee this day directed Mr. Chaloner, to the end the said Mr. Chaloner may make an experiment before the said Committee in relation to guineas," <math>\frac{1}{2}</math> p. 15 Feb. 1696</p>

Location	Description
	NEWTON. Two Autograph Drafts of a letter to the Lords of the Treasury respecting the right of the East India Company to erect Mints in their forts in the East Indies for coining Indian money, and the petition of the same Company to be allowed to provide themselves with coining engines and tools from the Mint in the Tower of London, <i>on 3 pp.</i> <i>Nov. 1699</i>

## REEL TWENTY-NINE

## Public Record Office

## 211. MINT 19/2

## PART 14.—MISCELLANEOUS PAPERS RELATING TO FOREIGN COINAGES.

NEWTON. "The values of several forreign coynes [a Table], 1 p.  
AUTOGRAPH *undated*

NEWTON. "The value of Gold in proportion to silver in several parts of Europe." [a Memoir], 2 pp. AUTOGRAPH, *signed undated*

NEWTON. "A Table of ye weight and intrinsic value of Foreign Coynes in England," with Notes, *on 2 pp.* AUTOGRAPH *undated*

NEWTON. 29 April 1714. "Observations upon the valuation of Gold and Silver in proportion to one another," 1 p. *signed*, and Notes used in preparing the "Observations," *on 9 pp.*  
ALL AUTOGRAPH *29 April 1714*

"An Acct. of ye Severall Species of Mony sent from Dunkirke to Mr. Ashb. Frowd, Controwler of ye forain offices," 1 p.  
*undated*

NEWTON. "A Table of the weight and intrinsic value of forreign coynes in England," 1 p., and Notes used in preparing the Table, *on 13 pp.* ALL AUTOGRAPH *14 June 1704*

NEWTON. "A Table of the weight, Assay, & value of several sorts of forreign monies now at the Mint," and Notes, 2 pp.  
AUTOGRAPH *undated*

NEWTON. Notes on Foreign Coins, written on the back of an A.L.S. TO CATHERINE BARTON, mentioning Lady Norris (see the "Love Letter" (Sect. IV, lot 197) "My Lady Norris thinks you forget yo<sup>r</sup> promis of writing to her, & wants a letter from you . . ." *signed* "Yo<sup>r</sup> verv loving Unkle Is. Newton," 1 p. *sm. 4to (edges frayed) with Newton's seal undated*

NEWTON. Notes on the Assay, Weights, and Values of "forreign monies now coyned," *on 26 pp.* ALL AUTOGRAPH *undated*

NEWTON. "The Assays, weights & values of several forreign Silver coynes" [a Table], 3 pp. and Notes on the same subject, 23 pp. ALL AUTOGRAPH *undated*

NEWTON. Three Autograph Drafts and an Autograph Copy of a letter to the Lord High Treasurer on the values of certain foreign coins, *on 10 pp.* *2 July 1702*

Location	Description
	Draft of a Letter to the Lords of the Treasury, concerning the influx of French and Spanish Pistoles into England, with notes and additions in Newton's hand, 2 pp. and another paper on the same subject <i>undated</i>
	Copy of Treasury minutes respecting metals and coinages at the Mint, 1 p. 27 Feb. 1712
	NEWTON. Notes on the Values of Foreign Coins, used in preparing various reports, on 11 pp, AUTOGRAPH <i>undated</i>
	NEWTON. Memorandum on the exportation of silver in the form of bullion which <p style="margin-left: 40px;">"Only occasions the coining considerable quantities thereof by the Indians in such ports of the East Indies where the merchants . . . have not a Mint of their own. . . ."</p> <p style="margin-left: 40px;">½ p. AUTOGRAPH <i>undated</i></p>
	NEWTON. Draft of a report to the Lords of the Treasury on Foreign Coins, with Notes and Calculations, together on 7 pp. ALL AUTOGRAPH <i>undated</i>
	NEWTON. "Observations upon the Valuation of Gold & Silver in proportion to one another," with Draft of a letter to the Lords of the Treasury, and Notes on the same subject, together on 7 pp. ALL AUTOGRAPH <i>undated</i>
	NEWTON. "The Value of Gold in proportion to Silver in several parts of Europe." [a Report] on 4 pp. AUTOGRAPH, signed 1-7 July 1702
	NEWTON. A Report on the state of the British Coinage, 2 AUTOGRAPH Drafts, 5 pp. and a Fair Copy ( <i>in another hand</i> ) 21 Sept. 1717
	Proclamation ( <i>printed</i> ) declaring the rates at which gold shall be current in payments, 22 Dec. 1717, with a covering letter, signed E. Northey, 21 Dec. 1717
	NEWTON. Letter ( <i>signed</i> M. M.) to Newton concerning Newton's Proposals for "regulating and proportioning "the coinage," 2 pp. 31 Dec. 1717, with AUTOGRAPH Notes by Newton on the subject, 4 pp.
	NEWTON. "Observations upon the state of the coins of gold and silver," 2 pp. and 2 Drafts of the "Observations," on 4 pp. ALL AUTOGRAPH 20 Oct. 1718
	"A Third Letter to a Member of Parliament concerning the value of guineas, and the true proportion between gold and silver" [printed] 4 pp. with AUTOGRAPH Notes by Newton <i>undated</i>
	PART 15.—PAPERS RELATING TO THE VALUES AND ASSAYS OF FRENCH COINS.
	NEWTON. "Experiments and Observations about the values of forreign coins: Of French coyns," on 2 pp. AUTOGRAPH <i>undated</i>

Location	Description
	<p>“ Table of the state of gold and silver coyned species, as they now pass in France, compared with the standard gold and silver species of England, 1 p., and Calculations [in Newton’s] hand, 1 p. <i>undated</i></p>
	<p>NEWTON. “ Notes out of Boizard’s <i>Traité des Monoyes</i>.” 1½ pp. <i>undated</i>            AUTOGRAPH</p>
	<p>Copy of a letter to the Lords of the Treasury, respecting the value of French and Spanish pistoles, 1 p. <i>undated</i></p>
	<p>NEWTON. Five Autograph Drafts (<i>one signed</i>) of a letter to the Lords of the Treasury on the value of French Pistoles, on 9 pp. <i>undated</i></p>
	<p>NEWTON. An Abstract of the King of France’s Edict of Sept. 17, 1701 [respecting his coinage], 3 pp. AUTOGRAPH</p>
	<p>NEWTON. “ The Value of French Pistoles stated,” 1 p. AUTO-            GRAPH 31 Jan, 1700/1</p>
	<p>PART 16.—PAPERS RELATING TO THE VALUES AND ASSAYS OF THE COINS OF HOLLAND AND FLANDERS.</p>
	<p>NEWTON. “ Of the Money of the Seven Provinces,” 2 pp. AUTO-            GRAPH <i>undated</i></p>
	<p>NEWTON. Drafts of Reports, Notes. Calculations, etc., on the Dutch and Flemish Coinage, especially in its relation to the British Coinage, and to the Rate of Exchange, on 14 pp. ALL AUTOGRAPH <i>undated</i></p>
	<p>PART 17.—PAPERS RELATING TO THE VALUES AND ASSAYS OF GERMAN COINS.</p>
	<p>NEWTON. A Table of the various German coins, 2 pp., with Notes and Calculations, on 3 pp. ALL AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. Two Autograph Drafts of a letter to the Lords of the Treasury on the value of Imperial Dollars, both intrinsically and by way of exchange with Sweden, on 3 pp., and Notes and Calculations, on 3 pp. ALL AUTOGRAPH <i>undated</i></p>
	<p>PART 18.—PAPERS RELATING TO THE VALUES AND ASSAYS OF SPANISH AND PORTUGUESE COINS.</p>
	<p>NEWTON. “ Consideration about the Rates of the Coynes.”            “ And we further lay before your Lordp. that the Pillar Pieces of 8 are better then the Sevil and Mexico by about 1d. ob per piece. but that in ye Colony of Massachusetts Bay by virtue of an Act passed there . . . the Pillar pieces are current at the same rate with the Sevil and Mexico pieces ”            With various Drafts, Notes and Calculations, together on 11 pp. ALL AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. “ Inquiries concerning the 800,000 Mexican and Pillar Dollars purchased by Her Majesty and coyned into two Real pieces for the Spanish service,” a Draft, 4 pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. Autograph Draft of a letter to the Lord High Treasurer respecting the value of the Mexican and Pillar dollars to be received at Port Mahon, on 2 pp. <i>undated</i></p>
	<p>NEWTON. “ Of Spanish Money,” [a Memorandum] 1 p. AUTO-            GRAPH <i>undated</i></p>

Location	Description
	<p>NEWTON. "Of Portugal Moneys" [a Memorandum] 1 p. and Notes on 3 pp. ALL AUTOGRAPH <i>undated</i></p> <p>Order of the Lord Treasurer for a report on the value of an enclosed Spanish piece of money, 16 Aug. 1711, with Newton's AUTOGRAPH report at foot, <i>dated 21 Aug. 1711</i></p> <p>NEWTON. Another Autograph Draft of the Paper (251) on Mexican and Pillar dollars, 1 p. <i>undated</i></p> <p>NEWTON. Two Autograph Drafts (<i>both signed</i>) of a Report addressed to the Lord High Treasurer, respecting the value of Mexican and Seville pieces of eight, 2 pp. 8-10 June, 1711</p> <p>NEWTON. Notes and Calculations on the values of Spanish coins, on 5 pp., ALL AUTOGRAPH <i>undated</i></p>
	<p>PART 19.—PAPERS RELATING TO THE COINS IN CIRCULATION IN IRELAND AND TO THE QUESTION OF ERECTING A MINT THERE.</p> <p>NEWTON. Four Autograph Drafts of a letter to the Lords of the Treasury, respecting "the memorial of the Chancellor of Ireland about erecting a Mint in that kingdom." After considering the policy of England in past times on matters relating to Irish money, and the reasons for approaching with extreme caution every proposal to establish a Mint in Ireland, Newton says:—</p> <p style="padding-left: 40px;">"Upon enquiring into the state of the coyn in Ireland, we understand that ye forreign coyns, which make a great part of their silver moneys, are generally in great pieces (as Ducatoons or pieces of eight) which are inconvenient for change, and that the want of smaller silver moneys has encouraged the coyning of so great quantities of copper monies for change as to be complained of; and if for remedying this inconvenience a Mint be desired to coyn these forreign monies or any part of them into small English money (shillings and sixpences), we believe it may be cheapest and best for Ireland, and safest for England, to have this coynage dispatch at once by erecting a Mint in Ireland for some short time (as eighteen months or two years), and by lowering the value of the forreign moneys to bring them into that Mint. But we humbly lay before your Lordships that the late Country Mints were in disorder, and left their accompts full of difficulties, and that the breaking up of such a Mint may increase the number of false coyners. And we heare that the English money is now grown much more plentiful in Ireland in proportion to the forreign then it was a few years ago: so that the want of change is in good measure vanishing and decreasing, the forreign moneys having found a good market in London for the East Indies."</p> <p>12 pp. [Aug. 1698] and copy (in another hand) of another letter on the same matter, 1 p. <i>18 Aug. 1698</i></p> <p>Account of the New French Lewdes (Louis d'ors): followed by a table (in Newton's hand) of "The Current Values of Money in Ireland [Moydores, pistoles, ducatoons, pieces of eight, crusadoes, Perues, 23-6 broads, 25-6 broads, French Louis, French crowns, and French guineas, as well as English guineas, crowns, half-crowns, shillings, and half-shillings], 1 p. <i>Mar.-Apr. 1714</i></p> <p>NEWTON. Autograph Draft of a letter to the Treasury, respecting the proposal of the Lord Lieutenant of Ireland that certain foreign moneys of gold should be proclaimed current in Ireland, "in order to prevent the counterfeiting thereof," with calculations, etc., <i>together on 4 pp.</i> [Mar. 1711/12]</p> <p>Letter from H. Haynes to Newton, giving Tables of values of foreign coins current in Ireland in 1692, 1 p.</p>

Location	Description
	NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, giving "the weights and assays of five sorts of new Portugal Gold coins," 1 p. <i>Sept. 1725]</i>
	NEWTON. Two more Autograph Drafts (both signed) of the letter No. 261 <i>3 Mar. 1711/12</i>
	Letter addressed to the Duke of Ormond, Lord Lieutenant of Ireland, by the Lords of the Privy Council of Ireland regarding the currency of foreign coins in Ireland (13 signatures), 3 pp. <i>Dublin, 7 June 1712</i>
	NEWTON. Four Autograph Drafts of a letter to the Lord High Treasurer regarding preceding letters from the Privy Council of Ireland (265), 12 pp. <i>23 June 1712</i>
	NEWTON. Autograph Copy of a Letter addressed by the Privy Council of Ireland to the Lord Lieutenant of Ireland, for a new and amended proclamation making certain foreign pieces of gold current in Ireland; proclamation being insufficient against counterfeiters, etc., 2 pp. <i>7 June 1712</i>
	NEWTON. Autograph Copy of his letter to the Lord High Treasurer, respecting the preceding letter to the Privy Council of Ireland (267), 1½ pp. <i>23 June 1712</i>
	NEWTON. "The Weight and Value of forreign coins in Ireland," 1½ pp. <i>undated</i>
	PART 20.—"ACCOUNTS OF GOLD AND SILVER COINED."
	NEWTON. Autograph copy of his letter to the Lords of the Treasury, in answer to their order for an account of all the gold and silver money coined during the last fifteen years, a statement of how much has been newly coined out of plate and a return of the amounts of copper money recently coined, 1 p. <i>23 Nov. 1717</i>
	NEWTON. "An Account of the moneys coyned in the Tower" [1696 to 1714], in tabular form, 1 p. with notes respecting former coinages and issues of money, on 4 pp. ALL AUTOGRAPH <i>undated</i>
	NEWTON. Autograph Copy of a Letter, signed Yo <sup>r</sup> loving Friend Is. Newton," beginning: "Sir, the business of the Country Mints now drawing towards an end, the Lords of the Treasury are minded that we should lay your accounts before them, and for that end I desire you with the assistance of the Master and Comptroller to fill up the blanks in the inclosed paper with all the care and exactness you can, and then return it to me, or a fair copy thereof, signed by you all, that we may rely upon it." 1 p. <i>16 Apr. 1698</i>
	An Inventory of the Plate and other things delivered into the Treasury of the Mint by the Honble. Her Majesty's Commissioners for Prizes, 1 p. <i>15 Feb. 1702/3</i>
	NEWTON. A Particular of silver monies coyned from the first day of Queen Elizabeth's accession to the Crown to the end of King James the Second's reign [totalling £17,270,000], ½ p. AUTOGRAPH <i>undated</i>
	NEWTON. Account of Gold and Silver money coined, 1692-1717, 1 p. AUTOGRAPH <i>undated</i>
	NEWTON. Notes on Gold and Silver Money coined 1697-1712, 1 p. AUTOGRAPH <i>undated</i>

Location	Description
	<p>NEWTON. "Account of the Gold and Silver moneys coyned at his Mats. Mint . . . from Lady Day 1713 to Lady Day 1715; and of what gold and silver remained in the Tower in order for the coynage at Lady Day 1715," 1 p. AUTOGRAPH [1715]</p>
	<p>NEWTON. "An account of the gold and silver moneys coyned yearly at the Mint within the Tower of London for the years 1659 to Christmas [1715], a double folio sheet, AUTOGRAPH, and a copy in another hand with additions respecting the Country Mints</p>
	<p>NEWTON. "An Account of the Gold and Silver moneys coyned yearly from the year 1659 to 31 December 1691," 2 pp. AUTOGRAPH undated</p>
	<p>NEWTON. "Account of all the Gold and Silver coyned from the first of October 1599 [to] November 1675, divided into four parts; shewing how the coyn of the kingdom did encrease in the three first parts proportionately to the encrease of trade and navigation, and how much it hath decreased in the fourth part, being since this present East India Company was erected in the year 1657," and a Draft, together 5 pp. AUTOGRAPH</p>
	<p>NEWTON. "An Account of the Gold and Silver moneys coyned annually in the Tower," [1696 to 1714], 1 p. AUTOGRAPH 6 Apr. 1715</p>
	<p>NEWTON. "An Account of the Silver moneys coyned in the four years between Michaelmas 1695 and Christmas 1699," etc., 1 p. AUTOGRAPH undated</p>
	<p>NEWTON. "An Accompt. of all the Gold and Silver monies coyned by the Mill and Press" [31 Mar. 1663-1 Jan. 1698/9] and a similar Account, together on 2 pp. AUTOGRAPH undated</p>
	<p>NEWTON. An Account of the Gold and Silver coyned at His Majesty's Mint in the Tower of London, from Lady Day 1713 to Lady Day 1715, and of the gold and silver remaining in the Tower in order for coynage at Lady Day 1715, 1 p. and 1 p. of notes, AUTOGRAPH [1715]</p>
	<p>NEWTON. "Accompt of the Gold and Silver moneys coyned in the Tower of London and ye five country Mints from January 1695 to January 1698," 1 p. AUTOGRAPH undated</p>
	<p>An Account of all ye Gold and Siver coyned in his Majesties mint within ye Tower of London from ye first of October 1599 . . . to this present November 1675. 3pp.</p>
	<p>The standard weight of the silver coyned between the 1st and 15th of Feb 1695/6. 1p.</p>
	<p>NEWTON. Autograph copy of a discharge given by. I Hayes to Mr. Burdikin and Mr. Walford for £1488 6s. 6d. in the Treasury of the Exeter Mint, 1 p. and Auto. Memorandum on reverse referring to the Silver Coinage of February 1695/6 18 Jan. 1697/8</p>
	<p>Copy of a Letter (signed George Parke) to Colonel Kirkby, governor of Chester, directing him "to permitt the setting up a Mint in such part of the Castle of Chester as shall be convenient for that purpose in order to the speedy recoining of the clipt money," 1 p. 21 July 1696</p>

Location	Description
	NEWTON. "An Account of y <sup>e</sup> Coynage in y <sup>e</sup> five Country Mints till November 4 1698," 1 p. AUTOGRAPH <i>undated</i>
	NEWTON. Account of the "Hammered Money, Plate, and Bullion imported into the five Country Mints untill November 4, 1696," 2 pp. AUTOGRAPH <i>undated</i>
	Account of the Charges in coyning, 1769 ingotts of Silver, melted down from the Clipt Moneys, 1 p. <i>undated</i>
	NEWTON. "The Mint's Account for 1223 ingotts of Silver, and the new moneys proceeding therefrom, being the Eleventh General Remain of His Majesty's Exchequer, on the 10th of June 1696. W <sup>th</sup> y <sup>e</sup> incident charges of coynage, etc.," 6 pp. and Notes, 2 pp. ALL AUTOGRAPH 10 June 1696
	Copy of the letter (270) and Copy of the Account sent with it (neither in Newton's hand) 23 Nov. 1717
	Gold and Silver Monies coyned in his Majesty's Mint within the Tower of London from 1st January 1701/2 to the 20th November 1717. 2pp.
	"An Account of all the Gold and Silver coyned in the Tower of London from the 1st of October 1599 to November 1675, endorsed, with a memorandum <p style="margin-left: 40px;">"... there's not above 15 or 20 pounds of current money in £100 when the light and clipt are taken out. It is thought there's not above 4 or 5 millions of money left in this kingdom, which is not sufficient to manage the trade, which is reported to be above 40 millions per annum. The Free Exporting of Gold and Silver, and laying so great impositions by mulct on all the commodities and manufactures of this kingdom, hindreth the exporting thereof, which hath brought down the price of Land, Lead, Tin, Wool, and all Woolen Manufactures and others."</p> 2 pp. <i>undated</i>
	"An account of the silver moneys coyned in the Mint in the Tower from 20 July 1660 to 12 December, 1699." 1 p. <i>undated</i>
	"Accompt of gold and silver moneys coyned . . . from 1659 to the 31st of December 1691, <i>large folio sheet</i> <i>undated</i>
	"The Mint's Accompt for 1769 ingotts of silver, and the new moneys proceeding therefrom," 3 <i>large folio sheets</i> 24 June 1696
	PART 21.—PAPERS RELATING TO THE COPPER COINAGE
	NEWTON. Autograph Copy, signed, of his Letter to the Lord High Treasurer, respecting "the annexed proposal of Mr. Abel Slaney for himself and partners for a new coinage of 700 tons in half-pence and farthings." After giving particulars respecting the several coinages of copper money since 1672, Newton says:— <p style="margin-left: 40px;">"We do not hear there is any demand of halfpence and farthings at present . . . We are further of opinion that the coynage of half-pence and farthings in this kingdom should be to the intrinsick value, the charges of the coinage and incidents deducted; but if that be not thought advisable at present for fear of stopping the</p>

Location	Description
	<p>currency of those that are already abroad, we humbly conceive that, whenever a new coinage shall be thought convenient, it should be done in small quantities as Her Majesty shall from time to time appoint, to supply the decrease and loss of those already coined without danger of new complaints by overstocking the nation."</p> <p>1 p. <span style="float: right;">13 July, 1703</span></p>
	<p>NEWTON. Three Autograph Drafts (one signed) of a letter to the Lord High Treasurer, respecting the various qualities and properties of different kinds of copper, and the expenses of coining them. 5 pp. <span style="float: right;">12 Mar. 1713</span></p>
	<p>NEWTON. Autograph Draft of a letter to the Lord High Treasurer, respecting the proposal of John Pery, and others "for supplying the Mint with either blanks or plates of fine copper to be coined into halfpence and farthings."</p> <p>Newton is of opinion that there is no present scarcity of copper money; that the entire manufacture of copper "blanks should be done in the Mint, it being unsafe to have coining tools and coinage abroad"; and that copper money should be made "of the cheapest fine copper which will hammer when red hot, and is worth about 11d. or 12d. per pound weight. In finer and dearer copper we may be easily deceived, there being no certain list of the higher degrees of fineness; and the great price will tempt false coiners to counterfeit the money."</p> <p>1 p. <span style="float: right;">undated</span></p>
	<p>NEWTON. Autograph Draft of a letter to the Lord High Treasurer, respecting the terms on which the Mint should procure copper and coin it. He alludes to his recommendation of the previous autumn, that about eighty or a hundred tons of copper should be coined. 1 p. <span style="float: right;">undated</span></p>
	<p>NEWTON. Draft and Copy (signed), BOTH AUTOGRAPH, of a letter to the Lord High Treasurer, respecting coinage of copper.</p> <p>"I caused a new furnace to be built in order to a further trial of what may be done by casting of copper into bars and coining copper money out of those bars. But in the meantime, upon assaying the half pence, of which I showed your Lordship a specimen. I found the copper coarser than it was by assay before casting. Whereupon I ordered Mr. Bagley, the founder, to supply me with such bars as would fully endure the assay; but he has not yet produced any, tho' it be about three weeks since I gave him the order. Whence I suspect that in the specimen of half-pence, which I shewed to your Lordship, he put in some Tynn without my knowledge, tho' I stood by to see him cast the copper; but he pretends another cause."</p> <p>2 pp. <span style="float: right;">12 Apr. 1714</span></p>
	<p>NEWTON. Autograph Draft of an Indenture granting him "full power and authority to coyn halfpence and farthings of fine British copper which, when made red hot, shall spread thin under the hammer without cracking, and to cut every pound weight avoirdupois of such copper into forty and six half-pence or ninety and two farthings, and to coyn any summ of such moneys not exceeding forty tunns."</p> <p>on 4 pp. <span style="float: right;">[1717]</span></p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord High Treasurer, respecting the Copper to be used in the coinage, on 2 pp. <span style="float: right;">12 Mar. 1713</span></p>
	<p>NEWTON. Autograph Copy (signed) of a Letter to the Lords of the Treasury, begging them to appoint a day for the trial of the Pix of copper money. 1 p. <span style="float: right;">4 Oct. 1725</span></p>

Location	Description
	Report to the Lords of the Treasury by R. Powys, on the Trial of the copper coins. "six of the odd half-pence, which were made by the former contractors, were put into the fire, and then tryed with a hammer whether they would bear beating out; but they all flew and broke in pieces. Then six of those lately made by Sir Isaac Newton, which have been passed in payments abroad were tryed, and they all bore the hammer when red hot without breaking or cracking." 1 p. 27 Oct. 1722
	NEWTON. "Considerations about the coinage of Copper Moneys," in 16 paragraphs, the first of which is: That six or at most seven hundred tunns of copper moneys are sufficient for all England, and I am of opinion that there is above three-quarters of that quantity now in the nation. 1 p. AUTOGRAPH undated
	Bond of Newton, to Henry Hines, and John Appleby junr., of £600 obliging Newton to receive thirty tons of fine British copper, within two years, and to pay for it at the rate of 18d. per pound. 2 pp. 27 Aug. 1717
	NEWTON. "Observations upon the estimate of the real profit of coyning 1,500 tunns of copper into half-pence and farthings." Estimating that the "profit in coyning 1,500 tonns amounts unto £84,000, out of which something may be abated for house rent, clerks, coyning tools and incidents," and another Estimate computing the profit at £97,000. BOTH AUTOGRAPH. on 3 pp. undated
	NEWTON. Memorandum of seven matters to be observed in coining and issuing copper moneys. 1 p. AUTOGRAPH undated
	Letter from Charles Parry to Newton, offering to hammer farthings at 21½d. per lb. 1 p. 8 April 1711
	NEWTON. Autograph Draft of a letter to the Lords of the Treasury respecting as estimate for coining farthings. 1p. undated
	NEWTON. "An Estimate of charges in coyning of copper money." 1 p. AUTOGRAPH undated
	NEWTON. Memorandum respecting three several lots of tin farthings, 2 pp. AUTOGRAPH 1 Nov. 1700
	NEWTON. Another estimate of charges for coining copper money, and Notes, on 3 pp. AUTOGRAPH undated
	NEWTON. A Memorandum respecting allowances and terms for coining copper money, 1 p. AUTOGRAPH undated
	NEWTON. Memoranda (in Sir Isaac Newton's handwriting) respecting charges for coining copper; and on the same sheet the Draft of a Report on the VISITATION OF THE ROYAL OBSERVATORY, GREENWICH: ". . . We take the liberty to represent to you that in the great room of the Observatory, up one pair of stairs, there are two clocks which Sir Jonas Moor caused to be made for the Observatory, as we understand by the inscription upon them, but which are claimed by Mr. Flamsteed as given to him by Sir Jonas Moor the Younger. If they be not the Queen's, we desire that they may be purchased as necessary for the Observatory. In the same room there is a brass quadrant of four foot radius belonging to Mr. Flamsteed. And such an instrument is necessary for observing the altitudes of the starrs. It is not well divided, but if it can be divided anew, we desire that it may be purchased for the Observatory, or else that a new one

Location	Description
	<p>be made. In the same room there is also wanting a telescope of about xx feet radius, with a micrometer. In the garden there is a house with a sextant, a wall quadrant, with a clock therein. The house should be moved six or eight yards further from the brow of the hill that the ground may not sink under it. The sextant is grown rusty, and should be cleaned and new fixed, and there should be a new wall quadrant, the old one being much worn by long usage, and belonging to Mr. Flamsteed. The clock is also Mr. Flamsteed's, and a better clock would be more usefull "</p> <p><i>on 4 pp. AUTOGRAPH undated</i></p>
	<p>NEWTON. Memorandum, respecting a coinage of copper money written on the back of a printed notice paper calling a meeting on 15 Aug. 1717, of "Lords and others, the Commissioners appointed by His Majesty for building the fifty new churches in and about the Cities of London and Westminster." 1 p. AUTOGRAPH</p>
	<p>NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, respecting a proposal and estimate for coining copper, and on the same sheet some notes for a scheme of education for the boys "in the School of Mr. Stone's Foundation." Also three slips of memoranda used in papers (already mentioned) respecting coinages of copper. <i>No dates</i></p>
	<p>NEWTON. Autograph Copy of Letter 301, 1 p. 12 April 1714</p>
	<p>NEWTON. Miscellaneous Notes on the coinage of copper, 4 pp. AUTOGRAPH <i>undated</i></p>
	<p>Treasury Warrant addressed to Newton, directing him to deliver "a cutter" to Henry Hines, a contractor for supplying the Mint with copper. 1 p. 11 Sept. 1717</p>
	<p>Certificate of the quantity of copper sold to Appleby and Hains since 7 March last, for coining halfpence and farthings, with 3 slips of Notes (in the hand of Newton) 1 June 1722</p>
	<p>NEWTON. Two Autograph Drafts of a Letter to the Lords of the Treasury, submitting a scheme for coining copper moneys, 3 pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. Two Copies of a Memorandum respecting various kinds of copper and copper money, 2 pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. Autograph Draft of "The Memorial of Sir Isaac Newton to Rt. Hon. the Lords Commissioners of His Majesty's Treasury," respecting the coinage of copper money, 1 p. <i>undated</i></p>
	<p>NEWTON. Another Memorandum respecting the coinage of copper money. 1 p. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "Considerations about the Coynage of Copper Moneys," 1½ pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "Observations upon the Estimate of the neat profit of coining 1,500 tunns of Copper into half-pence and farthings," 2 pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "Considerations about the Coynage of Copper Moneys." 2 pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. Autograph Copy of a Letter to the Lords of the Treasury respecting the coinage of copper money, 1 p. <i>May 1717</i></p>

Location	Description
	NEWTON. Autograph Copy of another Letter to the Lords of the Treasury respecting the coinage of copper money, 2 pp. <i>undated</i>
	NEWTON. Three Autograph Drafts of another Letter to the Lords of the Treasury respecting the coinage of copper money, 5 pp. and Autograph Notes on the subject, on 4 pp. <i>undated</i>
	Letter written (at the order of the Lords of the Treasury) by C. Stanhope, to the officers of the Mint, referring to several proposals for supplying copper. 1 p. <i>July 1717</i>
A	Collection of Proposals from various persons for supplying copper for coinage, and Letters and other Papers on the subject, including the Proposals of William Wood, [and his Petition, 4 June 1719, Memorials, etc.]; Gabriel Ayres, 8 June 1717; Mr. Hind; Thomas Chambers; "M. F."; John Essington and H. Robinson; John Parker & Partners; Henry Neale; James Bertie; John Applebee; Richard Jones; Jonathan Holloway; etc., on 36 pp.
	Particulars of the charges for repairing and fitting up the Irish Mint for the coinage of copper. 1 p. <i>undated</i>
	NEWTON. A Proposal [to Parliament for the coining of copper into farthings and half-pence] "Farthings and half-pence being very scarce, inasmuch that publick houses are forced to use tickets, and it having been thought necessary to coin one hundred tons of copper per ann. for ten years, for supplying Great Britain, Ireland, and the Plantations, several proposals have been made for the doing thereof, all of which have been calculated for private advantage only without any regard to the publick." and "[Four] Considerations upon the foregoing Proposal," 2 pp. AUTOGRAPH <i>undated</i>
	NEWTON. "PROPOSALS FOR COYNING HALF PENCE AND FARTHINGES OF COPPER FOR THE ENGLISH PLANTATIONS IN AMERICA," 1 p. AUTOGRAPH <i>undated</i>
	A comprehensive Report to the Lord Treasurer on all the various recent proposals, and the several Mint reports on these proposals, for improving and multiplying the copper coinage, an important document, containing some corrections in the hand of Newton, 2½ pp., with AUTOGRAPH NOTES on the subject, on 4 slips <i>undated</i>
	NEWTON. Two Autograph Drafts of a Bond accepting copper for the Mint, on 1 p. <i>undated</i>
	Draft of a Letter respecting the petition of Messrs. W. Shepard, N. Shepard, and George Freeman for a patent to coin forty or fifty tons of copper, 1 p. <i>5 April 1705</i>
	Copy of a Letter from Newton to the Lord Treasurer, concerning the best manner of importing copper into the Mint to be coined into copper money, 22 Jan. 1713; and "Mr. Bertie's Memorial about Assaying Copper," 24 Apr. 1714, 4 pp.
	NEWTON. Collection of Extracts from the Journals of the House of Commons [1694-1708] concerning the coinage and utterance of farthings, 2 pp. AUTOGRAPH

Location	Description
	NEWTON. Detailed Estimate of the charge of coining copper, 1 p. AUTOGRAPH <i>undated</i>
	Letter from the officers of the Mint to the Lord Treasurer, on the proposal of Abel Slaney, for a new coynage of 700 tons half-pence and farthings, 1 <i>July</i> , 1703, and other similar papers, 9 pp.
	NEWTON. Four Autograph Drafts of Letters, etc., concerning various Proposals for the coinage of copper, 5 pp. <i>undated</i>
	NEWTON. Autograph Copy of a Letter to the Lord High Treasurer, respecting the proposal of Charles Tunnah and William Dale for coining in ten years a thousand tons of halfpence and farthings of "an artificial metal which toucheth like ordinary gold." 1 p. 23 <i>Jan.</i> 1713/14
	NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, concerning proposals for the coinage of half-pence and farthings. 1 p. 3 <i>Aug.</i> 1717
	NEWTON. Autograph Draft of a Letter concerning proposals for supplying the Mint with copper for coinage, 1 p. <i>undated</i>
	NEWTON. Autograph Draft of a Letter concerning the Petitions of John Perry and others for supplying copper, 2 p.. <i>undated</i>
	NEWTON. Autograph Draft of a Warrant, enabling him to receive copper and to coin it into halfpence and farthings, 3 pp. <i>undated</i>
	NEWTON. Two Autograph Drafts of a Letter to the Lords of the Treasury, regarding the proposals of Briggs & Nicholson, etc., 4 pp. <i>undated</i>
	NEWTON. Autograph Copy (signed) of Letter No. 347, 1 p. 3 <i>Aug.</i> 1717
	NEWTON. Autograph Copy (signed) of another Letter on the coinage of copper, 1 p., <i>May</i> 1717; and a Rough Draft (in Newton's hand) of a Letter to the Lords of the Treasury, respecting the memorial of Mr. Appleby and Mr. Hines, with regard to the coinage of copper money, <i>undated</i>
	NEWTON. Autograph Draft of a Letter on Wood's Petition, $\frac{1}{2}$ p. <i>undated</i>
	NEWTON. Three Autograph Drafts (one signed) of a Letter to the Lords of the Treasury; respecting the proposals of Messrs. Appleby and Hines, 5 pp. 21 <i>Apr.</i> 1719
	NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, respecting the proposal, made last spring at the door of the House of Commons by Mr. Jones, to coin copper money, 1 p. <i>undated</i>
	NEWTON. Autograph Draft of a Letter in answer to a paper delivered at the door of the House of Commons in behalf of certain petitioners to furnish the Mint with copper, and AUTOGRAPH Memoranda, etc. relating to other Petitions, on 7 pp. <i>undated</i>

Location	Description
	<p>NEWTON. Autograph Copy (<i>signed</i>) of a Letter to the Lord High Treasurer, respecting the memorial of the Earl of Derby for the coining of copper money, to be made current in the Isle of Man, and an Autograph Draft of the Letter, 2 pp. 25 June 1708</p>
	<p>Letter to Newton from the Treasury, directing him to send someone to Bristol to assay the halfpence and farthings coined there by Wood for Ireland, 1 p. 10 Apr. 1724, with a Letter from Wood to Newton, 7 May, 1718, etc.</p>
	<p>NEWTON. Two Autograph Drafts of Letter to the Lords of the Treasury, referring to dissatisfaction of Moneyers at the Mint with the privileges which it is proposed to accord to Wood, and observing that the multiplication of Mints increases the facilities of counterfeiting money, 2 pp. 29 Jan. 1722/3</p>
	<p>NEWTON. Four Autograph Drafts (<i>one signed</i>) of a Letter to the Lords of the Treasury in answer to their letter of 10 April (No. 359). He suggests that the trial would be more satisfactory if, instead of being made at Bristol, the moneys (kept for trial in box under the keys of Mr. Wood and the Comptroller of the coinage) were brought up to London and tried in His Majesty's Mint in the Tower, on 3 pp. 13 Apr. 1724</p>
	<p>NEWTON. Two Autograph Drafts of a detailed Report on the Trial of Wood's copper coinage for Ireland. ["We reckon the copper of Mr. Wood's half pence &amp; farthings to be of about the same goodness &amp; value with the copper money is coyned in the King's Mint for England"] with Notes and Calculations, on 4 pp., 27 Apr. 1724, and an Account of the amount of Wood's coinage up to 28 Mar. 1724</p>
	<p>PART 22.—MISCELLANEOUS PAPERS, DESCRIBED AS "MEMORIALS TO THE TREASURY UPON SUNDRIES."</p>
	<p>Letter from the officers of the Mint to the Lords of the Treasury, asking for certain allowances, and AUTOGRAPH Draft of a Letter from Newton, recommending the allowances, 2 pp. Dec. 1698</p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord Treasurer, regarding Charles Fryth's petitions for an allowance in his accounts, and recommending that it should be disallowed, on 3 pp. undated</p>
	<p>NEWTON. Autograph Copy (<i>signed</i>) of a Letter to the Lords of the Treasury, regarding Mr. Hoare's petition for an increase of salary, 1 p. 8 Apr. 1699</p>
	<p>Copy of a Petition from the officers of the five late country Mints, for the payment of salaries, etc., 1 p. undated</p>
	<p>NEWTON. Two Autograph Drafts of a Letter to the Lord High Treasurer, respecting the case and accounts of Antony Redhead, late Master and Worker of the Mint at Norwich, with Autograph Draft of another letter on the same subject; Autograph Notes relating to Redhead's account, etc. 6 pp. undated</p>

Location	Description
	Draft of a Warrant, with Autograph corrections by Newton, for the release from prison for three months of Anthony Redhead, late Deputy Master and Worker of the Mint at Norwich, that he may better help in the discovery of embezzlements committed at the Norwich Mint, 26 <i>Mar.</i> 1700; and Counsel's opinion that Redhead cannot be released, 5 <i>Feb.</i> 1703/4, 2 <i>pp.</i>
	NEWTON. Two Autograph Drafts of a Letter to the Treasury, respecting the liabilities and defalcations of Anthony Redhead, <i>on 4 pp.</i> <span style="float: right;"><i>undated</i></span>
	Petitions from the Officers of the Mint for the Allowance of moneys impressed for the Country Mints, <i>Dec.</i> 1698; for an allowance to build a House in the Mint for the Surveyor of the Meltings ( <i>signed by Newton</i> ), <i>July</i> 1707; from the Clerks for an increase in salaries, <i>Dec.</i> 1698; etc.
	NEWTON. "The late Laws about y <sup>e</sup> Coynage" [Notes], 3 <i>pp.</i> AUTOGRAPH <span style="float: right;"><i>undated</i></span>
	PART 23.—" PAPERS RELATING TO THE WROUGHT PLATE TAKEN INTO THE MINT BY PUBLIC ENCOURAGEMENT."
	NEWTON. Autograph Memorandum on the duties of the officers of the Mint, in receiving and dealing with the plate of importers; and Three Autograph Drafts of a Memorandum respecting plate received into the Treasury of the Mint, since 14 <i>May</i> 1711, at the prices agreed to by the House of Commons, viz., 5s. 5d. per ounce for plate of the old standard, 5s. 8d. per ounce for plate of the new standard, and 5s. 6d. per ounce for uncertain plate, 3 <i>pp.</i> <span style="float: right;"><i>undated</i></span>
	Warrant, authorizing the officers of the Mint to receive at certain rates all wrought plate that may be brought to the Mint, and requiring it to be coined immediately into shillings and six-pences, 10 <i>May</i> , 1711, with the Account of Plate received
	NEWTON. Drafts of Instructions on dealing with the Plate received, Drafts of Letters, Warrants, Accounts, Memoranda, etc., on the same matter, <i>together on 49 pp.</i> ALL AUTOGRAPH [1711, etc.]
	NEWTON. "Proposals for settling a new standard of Plate," <i>on 2 pp.</i> AUTOGRAPH <span style="float: right;"><i>undated</i></span>
	NEWTON. Autograph Copy of Warrant for coining all gold and silver taken at Vigo and delivered into the Mint, with the inscription, "Vigo, in small letters under our Effigies, which we intend as a mark of distinction from the rest of our gold and silver moneys, and to continue to posterity the remembrance of that glorious action." 1 <i>p.</i> <span style="float: right;"><i>undated</i></span>
	NEWTON. Autograph Copy ( <i>signed</i> ) of a Letter to the Lord High Treasurer concerning "her Maj <sup>ties</sup> Gold w <sup>ch</sup> came from New England" and was coined into 2944 guineas. "The dust Gold was very foule & being examined with a Loadstone was found full of iron filings. In the Envoys the Gold is recond at £5. 5s the ounce, supposing it perfectly fine." 1 <i>p.</i> <span style="float: right;">4 <i>Mar.</i> 1705/6</span>
	NEWTON. Autograph Draft of a Receipt for "his Ma <sup>ts.</sup> share of the silver taken up out of the Wreck neare the Island of Mayo," and an Autograph Note, <i>on 2 slips</i> <span style="float: right;"><i>undated</i></span>

Location	Description
	PART 24.—PAPERS RELATING TO THE PROPOSALS FOR INCREASING THE COINAGE, AND ON PAPER CREDIT.
	NEWTON. "Proposals for preserving and encreasing the Coyn of this Kingdome." <i>on 2 pp.</i> and a Note, <i>on a slip</i> , BOTH AUTOGRAPH <span style="float: right;"><i>undated</i></span>
	NEWTON. Autograph Draft of an Act of Parliament for Regulating and Restraining the exportation of Gold and Silver from Great Britain, <i>on 8 large folio pp.</i> <span style="float: right;"><i>undated</i></span>
	"Reasons for new-Coyning our Money, so as to increase and preserve it, and for paying the Publick Debts." <i>8 pp.</i> <span style="float: right;"><i>undated</i></span>
	NEWTON. "Proposals for preserving and encreasing the coyn of this kingdom without hindring ye freedom of Trade: For preventing the exportation of more Gold & Silver than is imported." <i>2 pp.</i> AUTOGRAPH <span style="float: right;"><i>undated</i></span>
	NEWTON. "Proposals for encreasing the coyn of this kingdome." [different from No. 382]. He says that the use of gold and silver in the manufacture of clothes, coaches, and household furniture should be forbidden, and mentions that "Luxury is encouraged in the Royal Navy, it growing into fashion for the officers to have great quantities of plate on board"
	NEWTON. "Minutes for an Act for the further encouragement of the Coynage." <i>3 pp.</i> AUTOGRAPH <span style="float: right;"><i>undated</i></span>
	NEWTON. Six Autograph Drafts, varying, of "Proposals for increasing the Coyn of this Kingdom." <i>on 12 pp.</i> <span style="float: right;"><i>undated</i></span>
	NEWTON. "Considerations upon Trade," <i>1 p.</i> AUTOGRAPH <span style="float: right;"><i>undated</i></span>
	"Proposals touching the amendment of English coins," <i>3 pp.</i> <span style="float: right;"><i>undated</i></span>
	NEWTON. A CRITICISM OF JOHN POLLEXFEN'S THEORY OF PAPER CREDIT, <i>on 7 pp.</i> AUTOGRAPH <span style="float: right;"><i>undated</i></span>
	** A VERY IMPORTANT WORK, concluding:— "Credit is a present remedy against poverty & like the best remedies in Physick works strongly & has a poisonous quality. For it inclines the Nation to an expensive luxury in foreign commodities. But good Physitians reject not strong remedies because they may kill but study how to apply them with safety & success. Let that expense be corrected by good Orders & Laws well executed & then Credit becomes a very safe and sovereign remedy"
	NEWTON. OBSERVATIONS ON MR. P[OLLEXFEN]'S REPLY (1) "On the argument against Paper Credit taken from the Course of the Coynage," 4 AUTOGRAPH DRAFTS; (2) "On the quantity of coyn in the nation," 2 AUTOGRAPH DRAFTS; (3) "Of credit, good and bad, and of the usefulness of the former," AUTOGRAPH DRAFT, with a collection of AUTOGRAPH NOTES used by Newton in drawing up his "Criticism" and these "Observations," together <i>on 42 pp.</i> <span style="float: right;"><i>undated</i></span>

Location	Description
REEL THIRTY	
Public Record Office	
212. MINT 19/3	PART 25.—PAPERS RELATING TO THE SETTING UP OF A MINT IN SCOTLAND AFTER THE UNION, AND TO THE RECOINAGE OF SCOTCH MONEY.
	NEWTON. "An Account of the Scotch money," on 3 pp. AUTO-GRAPH <i>undated</i>
	NEWTON. "An Account (in Sir Isaac Newton's handwriting) of the weight and fineness of several pieces of Scotch money." <i>undated</i>
	NEWTON. Questions concerning the Scottish Mint, AUTOGRAPH, with Counsel's opinion ( <i>signed</i> Ja. Mountague), 1 p. Dec. 7, 1708, with AUTOGRAPH NOTES by Newton criticising in detail some proposed Indenture, on 4 pp.
	Engraved Tables, by G. Brown, for calculating the value of Scotch money <i>undated</i>
	12 July 1707. Copy of the warrant under the sign manual, addressed to Moneyers of the Mint within the Tower of London, authorizing them to repair the "Mint at Edinburgh, and undertake ye recoinage of ye money in Scotland," 2 pp. 12 July 1707—Memorial, concerning Her Majesties Mint at Edinburgh [1708]—Copy of the Act of Parliament, allowing the Master of the Mint of Edinburgh twenty pounds Scots upon the stone weight of silver for coining, 22 July, 1690
	NEWTON. "Bill of the prices of such Tools and other things as may be usefull in her Majt <sup>s</sup> . Mint in Scotland," 2 pp. and Draft of a covering Letter, BOTH AUTOGRAPH <i>undated</i>
	NEWTON. Two Autograph Drafts (both signed) of a Letter to the Lord High Treasurer, respecting "the allowance to be made in the accounts of Mr. Allardes for the late coinage of silver moneys at Edinburgh." 2 pp. 14 Feb. 1709
	NEWTON. Autograph Copies of the clauses in the Indenture of the Mint, appointing the allowance per pound weight for coinage at Edinburgh, etc. 2 pp. <i>undated</i>
	Memorial concerning Salaries and other charges of the Mint of Scotland, with Schedule of Offices and Salaries, Account of the New Regulations, etc. 6 pp. [1707, etc.]
	NEWTON. Autograph Draft of a Letter to the Lord Treasurer respecting a Memorial of the Mint at Edinburgh, concerning the bullion given by Act of Parliament for maintaining a free coinage there, collected by Daniell Stuart decd., and now left in the hands of his executors, on 4 pp. <i>undated</i>
	NEWTON. Autograph Draft of a Letter, concerning Allowances to be made to the Master and Worker of the Edinburgh Mint, 2 pp. <i>undated</i>
	NEWTON. Autograph Draft of "The account of G. Allardes, Esq., Master and Worker of Her Majesty's Mint at Edinburgh from — 1704 to — 1709." 2 pp. [1709]
	Copy of a Memorial by George Allardes asking to be allowed the charges of the Moneyers sent from London to Edinburgh to coin silver moneys there, <i>undated</i> ; and Two Letters from Allardes to Newton, one concerning the Memorial, 12 Feb. 1709; and the other giving reasons for the delay in presenting his Accounts, etc. 9 Aug. 1709

Location	Description
	Letter (signed by warrant of the Committee of the "Royall burrows," by Sam Johnson Prest.) begging Newton to secure allowance to coin two-penny, three-penny, and four-penny pieces in Edinburgh, to the amount of £8,000; and a Letter from the Earl of Seafeld to Newton, announcing that officers "are to sett out this day with pixis for London." 2 Aug. 1710
	Copy of the Warrant to the Master of the Mint at Edinburgh, and requiring him to coin silver with dies to be sent from the London Mint, "to the intent that the said moneys coyned in that our Mint at Edinburgh may be perfectly like those coyned in our Mint in the Tower of London, excepting the letter E set under our effigies to distinguish the moneys coyned in the said two Mints." 1 p. 20 June, 1707
	NEWTON. Autograph Draft of a Letter to the Officers of the Mint at Edinburgh, concerning bullion there, etc., on 2 pp. undated
	NEWTON. Autograph Draft of a Letter to the Lord Treasurer, written on the announcement of the recent death of Daniel Stewart, Collector of the Bullion for the Mint at Edinburgh, recommending that the office of Collector be suppressed, and that "the said bullion should henceforth be paid by the under collectors into the hands of the Cash-keeper of North Britain." 1 p. 14 Apr. 1708
	NEWTON. Autograph Notes concerning an Indenture, 1 p. undated
	NEWTON. Autograph Draft of a Letter to "Mr. Montgomerie," concerning the proper persons to attend the Trial of the Edinburgh money, 1 p. undated
	"Accompt of moneys due from Her Majestie to George Allardes of Allardes, Master of Her Majesty's Mint, for the coinage; Account of the Edinburgh Mint for the Coinage from Mar. 1705 to Oct. 1709, 6 pp. [1709]
	Letter from the Earl of Lauderdale to Newton, concerning the officers of the Edinburgh Mint who "are strained for want of their Sallaries," 1 p. 10 Aug. 1709
	NEWTON. Autograph Drafts of two Letters, respecting salaries due to Officers of the Edinburgh Mint and other persons concerned in the recent coining, on 3 pp. [1709]
	Accounts of Hercules Scott for the Recoinage at Edinburgh, and a Letter from him to Newton correcting an error in them, 28 Aug. 1712, 2 pp.
	NEWTON. Autograph Memorandum respecting the arrangements for maintaining the Mint at Edinburgh, and remunerating its officers, 1 p. undated
	NEWTON. Autograph Draft of a Letter to the Lord High Treasurer, stating "What we think proper to be done for setting on foot ye Coinage in the Mint at Edinburgh," 1 p. undated
	NEWTON. Autograph Draft of a Petition for an Order in Council that the Warden of the Mint "do forthwith make two Piles of Troyweight . . . in the most exact & perfect manner" (and giving directions), one to be used in Edinburgh, and the other in London, 1 p. undated

Location	Description
	<p>NEWTON. Autograph Memorandum on the need for an Order in Council for the making of six new Standard Trial Pieces of Gold and six of Silver, to be distributed amongst the Chamberlaines of the Exchequer, the Warden and the Master and Worker of the Mint in the Tower, the Wardens of the London Company of Goldsmiths, and the General and Warden of the Mint at Edinburgh, 1 p. <i>undated</i></p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord Treasurer, submitting certain matters relating to the Mint at Edinburgh which the Lord Chancellor of Scotland thinks "might properly be considered by the Committee of the Council which is to sit to-morrow upon ye affairs of Scotland." 1 p. <i>undated</i></p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord High Treasurer, listing Weights, Tools, Materials, etc., required for the Mint at Edinburgh, 1 p. <i>undated</i></p>
	<p>Letter (<i>signed</i> J. Stanley) respecting measures for continuing the Mint in Scotland, and having a uniform coinage for England and Scotland, 2 pp. 23 Mar. 1706</p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord High Treasurer concerning the memorial of the three commissioners appointed to receive all the Scots and foreign coin, see it melted into ingotts, deliver the ingotts by weight and assay, etc., and recommending the payment of £700 for their services 1 p. 28 Dec. 1708</p>
	<p>NEWTON. Memoranda and lists of Tools and other articles, with prices, needed for the Mint at Edinburgh, 2 pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord Treasurer, concerning arrangements and provisions for the Mint at Edinburgh, 1 p. <i>undated</i></p>
	<p>Copy of the Indenture of the Edinburgh Mint between Queen Anne and John Montgomerie of Giffan, Master and Worker of Her Majesty's Mint at Edinburgh (<i>Patent dated 22 June 1710</i>) on the death of George Allardes, 24 pp. and 1 p. of Autograph Notes by Newton 1710</p>
	<p>NEWTON. Autograph Copy, <i>signed</i>, of a Letter to the Lord High Treasurer, announcing that various articles for the Mint at Edinburgh "are put on board to be sent thither, excepting the weights and scales which are already made," though "the weights are not yet sized for want of authority to make and mark the standard weights," and asking for this authority, 1 p. and 1 p. of Autograph Notes 26 May. 1707</p>
	<p>List of the salaries of the officers of the Mint at Edinburgh, 1 p. 1710</p>
	<p>NEWTON. Two Autograph Drafts (<i>signed</i>) of a Letter to the Lords of the Treasury, recommending the issue of a sign-manual, for the payment of salaries and charges in connection with the Edinburgh Mint; and an Autograph Draft of the proposed sign-manual, 10 pp. 7 Oct. 1718</p>
	<p>Letter from Dr. D. Gregory to Newton, concerning the recoinage of money at Edinburgh, 2 pp. 12 Aug. 1707</p>

Location	Description
	<p>NEWTON. "An Account of the money coyned in Scotland since the Restauration of K. Cha. II." <i>on 6 pp.</i> AUTOGRAPH <i>undated</i></p>
	<p>Memorial of William Drummond, asking that he may be preferred to the office of Master and Worker of the Edinburgh Mint; a Copy of the Grant to him of the office of Warden; Letters from Drummond, and other relative documents</p>
	<p>NEWTON. Autograph Draft of a Letter written for George Allardes to the Lord High Treasurer, asking for the allowance of certain moneys which he has advanced in connection with the recoinage of Scotch money. <i>1 p.</i> 4 Dec. 1707</p>
	<p>Petition of Robert Millar for a reward "for taking in the money from the bank," and performing other duties for the recent recoinage of Scotch money; and Letters relating to the Edinburgh Mint from the Earl of Lauderdale, the Earl of Seafield, etc.</p>
	<p>NEWTON. Autograph Copy of his Letter to the Lord Treasurer, recommending that the three Commissioners of the Scotch recoinage be paid £360 for their services, <i>1 p.</i> 30 Jan. 1708</p>
	<p>NEWTON. Two Autograph Drafts of a Letter to the Lord High Treasurer, respecting the memorial of the three Commissioners; and Autograph Draft of another concerning the payment of moneys to Dr. Gregory, <i>3 pp.</i> <i>undated, and 14 Apr. 1708</i></p>
	<p>NEWTON. Autograph Draft of a Letter from Sir Isaac Newton accompanying a Memorial directed by the Lord Chancellor of Scotland to be laid before the Committee of the Privy Council on Scotch affairs, <i>1 p.</i> 31 May 1707</p>
	<p>Copy of the Warrant appointing Thomas Seabrook, Henry Haley, and Richard Collard, three of Her Majesty's moneyers of the Mint in the Tower of London, to go to Edinburgh "so that there may not be the least difference betwixt the coynes of the two Mints," and other relative Documents</p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord Treasurer about bullion in the Edinburgh Mint, collected by Daniel Stuart, deceased, and now in the hands of his executors <i>undated</i></p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord High Treasurer, proposing that one of the clerks of the Mint in the Tower of London should be sent to Edinburgh to instruct the officers and clerks there in the London method of assaying, rating, standarding, and book-keeping 23 June 1707</p>
	<p>NEWTON. Autograph Draft of a Letter to the Treasury, reporting on orders of reference (dated 3 August and 2 September 1723) that a new manual must be procured for putting in force the indenture between the late Queen and the Master of the Mint in Edinburgh, and that £2,100 must be imprest for the service of the Mint there. 12 Sept. 1723</p>
	<p>NEWTON. Autograph Draft of the Royal warrant for the payment of arrears of salaries to the officers of the Scotch Mint and for the coining of the moneys of Scotland in every particular like the moneys of the London Mint, save that the letter E is to be set under the Royal effigies. <i>1 p.</i> 1718</p>

Location	Description
	NEWTON. Autograph Draft of a Letter to the Lord Treasurer, respecting the allowance to the late Master and Worker of the Edinburgh Mint in his accounts for the late coinage of silver money <i>undated</i>
	NEWTON. Autograph Drafts of Four Letters to the Lord Treasurer, concerning arrangements and allowances for the recoinage of Scotch money. 6 pp. <i>undated</i>
	NEWTON. Autograph Drafts of Two Letters concerning the scale of payments for the Scotch recoinage, etc. 6 pp. <i>undated</i>
	Letter from the Commissioners in Scotland to Newton supporting a petition for "a third per cent. of all money passing through their hands," in remuneration of their services and charges, 29 Sept. 1708, and other relative papers
	NEWTON. Autograph Drafts of Four Letters to the Treasury, respecting the allowances and salaries of officers of the Scotch Mint, on 4 pp. <i>undated</i>
	Letters from Patrick Scott and others to Newton, regarding matters of practice in the Edinburgh Mint 1708
	Proclamation [printed] calling in various Scotch moneys for recoinage, 1 p. 1708
	Report by D. Gregory on the arrangements he has made for recoining the Scotch moneys, 13 Dec. 1707; Memorial from G. Allardes, concerning his duties; and other relative Papers
	NEWTON. Autograph Copy of a Letter recommending the appointment of Dr. Gregory, Professor of Astronomy at Oxford, to oversee the first operations for recoining the Scotch money at Edinburgh, 1 p. 23 June 1707; Copy of the Warrant appointing Gregory to these duties, etc.
	Letters to Newton from James Clark, engraver and sinker, and from other servants of the Edinburgh Mint
	NEWTON. Memorandum of work done by and payments made to the moneyers of the Edinburgh Mint, 1 p. <i>undated</i>
	NEWTON. Two Autograph Drafts of a Warrant requiring the officers of the Edinburgh Mint to coin silver, 1 p. <i>undated</i>
	NEWTON. Two Autograph Drafts of a Letter to the Lord Treasurer, r(elating to the business of the Scotch Mint to be laid before the Committee of Council for the affairs of Scotland, one of the matters being "whether the Pix of that Mint may be still tried before Her Majesty's Council in Scotland as formerly," and an Autograph Copy, <i>signed</i> Is. Newton, Jn. Ellis) of the same letter, on 5 pp. 31 May 1707
	Schedule of bullion balances resting with those who were receivers and collectors at the ports before 1 May 1707
	NEWTON. Autograph Copy, <i>signed</i> , of the Letter No. 438, 1 p. 13 Sep. 1723
	NEWTON. Three Autograph Drafts of a Letter to the Lords of the Treasury, regarding the Petition of Mr. William Hamilton to be restored to his former place in the Mint at Edinburgh, 3 pp. <i>undated</i>

Location	Description
	NEWTON. Two Autograph Schedules of Salaries and Fees payable at the Edinburgh and London Mints, and Notes, <i>on 4 pp.</i> , and a Letter to Newton from the Earl of Lauderdale concerning the Edinburgh accounts, <i>27 Feb. 1729</i>
	NEWTON. Autograph Draft of a Letter to the Lord High Treasurer, containing full particulars of the shipment of tools and apparatus, the despatch of moneymen from the London Mint, and the departure of Dr. Gregory for the recoinage at the Edinburgh Mint <i>1 p.</i>
	NEWTON. Autograph Draft of a Warrant addressed to the Earl of Lauderdale, General of the Mint of Scotland, for the payment of salaries and allowances to the officers there, <i>1 p.</i> <i>Nov. 1718</i>
	NEWTON. Three Autograph Drafts of a proposed Supplementary Enactment "for continuing the former Acts for the encouragement of the coinage," etc., <i>on 10 pp.</i> <i>undated</i>
	NEWTON. "Extracts out of an Act of the first Parliament of King James VII. chap. xxiv., anent a free coinage," <i>on 2 pp.</i> AUTOGRAPH
	NEWTON. "Considerations about the receiving of Scotch money by weight." <i>on 2 pp.</i> AUTOGRAPH <i>undated</i>

PART 26.—PAPERS RELATING TO SIR JOHN ERSKINE'S SILVER MINES  
IN SCOTLAND.

Copy of the Report of Dr. Justus Brandshagen, James Hamilton, and Thomas Hamilton, concerning a Survey and Trial "of the Mine with the Mountain about it, called Sir John Erskine's Mine in the Parish of Alva, five miles from Stirling East and by North," *14 Jan. 1716/17*. Brandshagen says of the ore:—

"I found it of an extraordinary nature, such as to my knowledge few or none like have ever been seen in Europe. It consists of sulphur, arsenic, copper, iron, some lead, and good silver. Of all these the silver is only to be regarded, for the other minerals and metals contained in the ore are of little value, and not worth the charges to separate and keep them."

Attached to the report are a plan of the works of the mine, a written "Description of the Mine," and a tabular "Account of Ore Assayed at Alva." Also, a Note (*signed Cromortie*) respecting the gold mines of Scotland, calling attention to the following mention of them taken from some unnamed source:

"In this King's reign Gold Mines were found in Crawfurd Moor by the Germans, which afforded him great sums. They would not refine it in Scotland; but, after they had bargained with the King, they carried over the ore with them to Germany. Besides those mines in Crawfurd Moor we have an account of others not far from it. In King James the 4th's reign the Scots did separate gold from sand by washing. In King James the 5th's time, 300 were employed for several summers in washing of gold, of which they got about 100,000 pounds of English money. By the same way the Laird of Marchistone got gold in Pentland Hills; great quantity has been got in Langham Water, fourteen miles from Ledd-hill-house in Crawfurd Moor, and in Megget Water, twelve miles and over Phinland, sixteen miles from that house, and in many other places where pieces of gold of 30 ounces weight have been found which were flat, mixed with the sparr, some with keel, and some with brimstone."

Location	Description
	Instructions for the Survey and Trial of Sir John Erskine's Mine, etc., with additions in Newton's hand 3 Sept. 1716
	NEWTON: Autograph Report of Information received from James Hamilton about Sir John Erskine's Mine.
	"The mine is just opened . . . In it are two veins of ore . . . From these two veins Sir John Erskine had the ore out of which he received 134 ounces of fine silver . . . And after Sir John went to the rebels, Mr. Hamilton, by order of the Lady Erskin, had the oversight and direction of four miners who dug the ore from those two veins about four months together or something above, and put it up in old casks (hogsheads and barrells, &c.) to the quantity of about 40 tunns of ore, more or less, and hid the casks on the north-west side of the house, just by the gate of the house. "
	NEWTON. Autograph Draft ( <i>signed</i> ) of a Letter concerning the payments made to Justus Brandshagen for his services, 1 p. [1717]
	NEWTON. Autograph Draft of a Letter recommending Brandshagen and the two Hamiltons be instructed to smelt the ore buried in casks by Sir John Erskine's house, if they can satisfy themselves that the yielding of the ore will cover the charges of smelting, and an Autograph Schedule of the incidental charges of the trial of the ore and mines at Alva, 4 pp. [14 Nov. 1716]
	NEWTON. Autograph Copy of James Hamilton's Plaint in the suit of Hamilton v. Newton, seeking to recover £52 10s. 0d. from Newton for expenses, 2 pp. 1723, with a copy of the Warrant, 20 Aug. 1716, settling the allowances due to Brandshagen and Hamilton, etc., and many other Papers relating to the dispute
	NEWTON. Autograph Copy ( <i>signed</i> ) of his Letter to the Lords of the Treasury, showing that the late Dr. Brandshagen was in his lifetime fully paid for his service to the Crown, and that no money is due from the Treasury to his estate, 1 p. 18 May 1724
	NEWTON. Four Autograph Drafts of an official Narrative of all the proceedings of the Treasury and Mint in the employment of Justus Brandshagen and the two brothers Hamilton to view Sir John Erskine's silver Mine, on 14 pp. undated
	NEWTON. Autograph Copy of the Letter, No. 466 14 Nov. 1716
	NEWTON. Two Autograph Drafts of a Letter concerning payments made to Brandshagen and the brothers Hamilton, with receipts signed by them
	NEWTON. Autograph Draft ( <i>signed</i> ) of a Letter giving a full account of the assay of ore from Sir John Erskine's Mine, and estimating its value. 1 p. undated
	NEWTON. Autograph Draft of a Letter describing a vein of ore at Alva, 1 p. undated
	PART 27.—PAPERS RELATING TO THE DESIGN OF THE COINAGE.
	Copy of Warrant addressed to Thomas Neale, Master of the Mint, for impressing the silver coins, viz. the five shilling piece, the two shillings and sixpence piece, the shilling piece, and the sixpence piece with the Royall arms, etc.
	NEWTON. Autograph Copy of a Warrant for coining gold and silver in the manner "depicted in a draught," 1 p. undated

Location	Description
	<p>NEWTON. Two Autograph Drafts of a Letter to the Lords of the Treasury concerning designs for the reverses of the half guineas and sixpences, and Autograph Draft of another Letter asking for orders and directions for preparing designs for the money, "as soon as his Majesty's arms are settled," 2 pp. <span style="float: right;">Jan. 1714/15</span></p> <p>Copy of a Warrant for coining gold and silver money "by way of the mill or presse with letters or grainings about the edges or thicknesses of the pieces," 17 May, 1662, and a similar Warrant, dated 5 Feb. 1662</p> <p>NEWTON. Autograph Draft of a Letter giving an account of the Warrants he has met with "for altering the coyn upon emergent occasions," 1 p. etc., <span style="float: right;">undated</span></p> <p>NEWTON. Autograph Draft (<i>signed</i>) of a Letter to the Lords of the Treasury, concerning the designs for the King's gold and silver moneys, 1 p. 30 Dec. 1714, and Autograph Notes on the designs, on 2 pp.</p> <p>NEWTON. Autograph Draft of another Letter from him to the Lords of the Treasury, concerning the designs for the gold and silver moneys, 1 p. 17 Jan. 1714/15, with drawings of the Designs, on 3 pieces of vellum</p> <p>PART 28.—PAPERS RELATING TO PROPOSALS FOR MEDALS.</p> <p>NEWTON. Autograph Draft of a Letter to the Lord Treasurer, sending designs for medals in commemoration of Her Majesty's Coronation, 1 p. <span style="float: right;">24 Nov. 1704</span></p> <p>NEWTON. Six Autograph Drafts, all different, of a Paper explaining the devices and mottoes of designs for Queen Anne's coronation medals, with six finished pencil drawings of Designs, and various rough pen sketches by Newton, 18 pp.; and a Letter from Hopton Haynes concerning them, <span style="float: right;">3 Sept. 1714</span></p> <p>Devices suggested for a Medal in honour of Queen Anne, in the hand of Sir James Garth, 3 pp.</p> <p>NEWTON. Notes concerning designs for Medals, on 6 slips, <span style="float: right;">undated</span>  <small>AUTOGRAPH</small></p> <p>Printed Broadside. A List of Medals struck in the reign of Queen Anne, and from the accession of George I to 1718, 1 p.</p> <p>NEWTON. An Account of the Medals of fine gold made upon the Peace 1713, <small>AUTOGRAPH</small>, with Autograph Drafts of Letters and other Papers relating to their manufacture, disposal, etc., on 20 pp.</p> <p>PART 29.—PAPERS RELATING TO THE PRIVILEGES OF THE MINT.</p> <p>A large collection of Transcripts of early Records relating to the Tower of London and the Mint, including Warrants addressed to various Officers, Oaths, Lists of Lieutenants, Articles and Ordinances observed by the Guard, Extracts from Patent and Close Rolls, Mandates, Writs, Statutes, Orders in Council, Depositions, Accounts, Letters of Instructions, etc. etc.</p>

Location	Description
	<p>NEWTON. Draft of "An humble representation of the Officers of His Majesty's Mint" to the Lords Justices, respecting "the Irish Mint" in the Tower of London, granted by several indentures and charters to the officers of the Mint, and now demanded by the Lord Lucas [Lieutenant of the Tower]; Draft of the Complaints against Lord Lucas, charging him with Violations of the Privileges of the Mint, and other similar Papers, IN THE HAND OF NEWTON, 12 pp. <i>undated</i></p>
	<p>NEWTON. Autograph Copy of a Letter from the Ordnance Office concerning "ye House belonging to ye smith of the Office in the Mint," 1 p. <span style="float: right;">2 Dec. 1699</span></p>
	<p>NEWTON. List of bills and fee-books, recording payments for work done by blacksmiths in the Mint; brought together to demonstrate the title of the Mint to the house occupied by the smith of the Ordnance Office, <i>on</i> 3 pp. AUTOGRAPH</p>
	<p>Documents relating to the encroachment on the quarters of the Mint by the Ordnance and the Lieutenant of the Tower, <i>a large number</i></p>
	<p>Documents relating to "Foreigners" [<i>i.e.</i> to persons inhabiting houses or lodgings "between the two Mint gates," but having no employment in or connection with the Mint], <i>a large number</i> (including 9 pp. IN THE HAND OF NEWTON)</p>
	<p style="text-align: center;">PART 30.—MISCELLANEOUS PAPERS.</p>
	<p>NEWTON. An Enquiry into the Contention of Merchants that they should not be taxed for the duty they pay the King, but only for the excess of the value of their goods above the duty, 1 p. AUTOGRAPH; Autograph Notes on how to find the net duty on East India Goods, etc., <i>on</i> 4 pp. <i>undated</i></p>
	<p>NEWTON. Two Autograph Drafts, signed, of a Letter to the Lord High Treasurer, reporting against Mr. White's proposal for preventing the counterfeiting of stamped paper,  " For whereas he proposes to paste or glue a mill mark upon the paper, this mark thus becomes a faint one, not well to be seen unless by holding the paper between the eye and the light, and it is also unornamental, appearing on the paper like a patch. And for these reasons it will not please the people."  2 pp. <span style="float: right;">15 May 1704</span></p>
	<p>IRELAND. "The intended Report of the Council of Trade to his Excellencie the Lord Lieutenant and Council of Ireland."  [An important Paper on the population, wealth, resources and social condition of Ireland], 11 pp., with Table of the "Produce of the Revenue" <span style="float: right;">25 Mar. 1673</span></p>
	<p>NEWTON. A Scheme of the Trade as it is at present carried on between England and France:  "By the account above your Lordship may perceive that the Linen and Silk Manufactures only imported from France amounts to upwards of £800,000, and that the Manufactures of Wool and Silk exported from England thither doe not amount to £85,000; as also that all the other commodities of the product and manufacture of France imported to England amounts to upwards of £320,000, besides an incredible value of toys, rich apparel, point-lace, &amp;c., soe that it is apparent that the exports of our native commodities and manufactures to France are less in value by the least one million of pounds sterling than the native commodities and manufactures of France which wee receive from thence. And, if it please your Lordships to reflect thereupon, your Lordships will easily discern the great prejudice the English nacion hath sustained."  2 pp. AUTOGRAPH <span style="float: right;">28 Nov. 1674</span></p>

Location	Description
	NEWTON. "The Case of the Parliament of Ireland." <i>on 3 pp.</i> AUTOGRAPH <span style="float: right;"><i>undated</i></span>
	NEWTON. The Whole Charge of the Navy, from ye 1st of September 1664 to ye last of September 1666," <i>on 5 pp.</i> AUTO- GRAPH
	NEWTON. "Accompt of ye Revenue of ye Crown for ye year 1687," 1 p. AUTOGRAPH
	NEWTON. Autograph Drafts of Two Letters concerning a seal to be engraved for the Bahama Islands, Draft of a Certifi- cate approving of the seal; The Royal Warrant, etc. 1721-4

## PART 31.—PAPERS RELATING TO TIN.

- NEWTON. Autograph Draft of a Letter to the Lord High Treasurer, describing in detail suggested arrangements "for lodging Her Majties Tin in the Mint, and delivering it out at a certain price and paying the money into the Exchequer." *on 2 pp.* [28 Oct. 1703]
- NEWTON. Five Autograph Drafts of two Letters to the Lord High Treasurer, offering to act as receiver and accountant of the tin delivered into the Mint, 6 pp. 30 Oct. 1703
- NEWTON. "Considerations upon the present state of the Tin Affair," 1 p. AUTOGRAPH *undated*
- Accounts relating to shipments of tin for "Hollonds" and "the Steights," and other similar Documents
- NEWTON. Two Autograph Drafts of a Letter to the Lord High Treasurer, containing particulars of the disposal of large quantities of tin at Amsterdam and Hamburg.  
"Mr. Drummond by a warrant dated October 20th 1704, had 400 tunns of Tin consigned to him and company at Amsterdam, to be disposed of after the best rates, not under 44½ gilders per cwt. of Holland (that is, not under £41 2s. 4d. per cwt. avoirdupois), for a commission of two per cent. clear of all charges, and advanced 22,500l. upon it at 4 per cent. upon notice of its arrival at Amsterdam."  
3 pp. 28 Aug. 1711; and Autograph Notes referring to Sales of Tin, *on 2 pp.*
- NEWTON. Autograph Copy of a Petition from the Gentlemen Owners of Tin Lands in Cornwall to the Lord Warden of the Stannaries of Cornwall and Devon, begging him to intercede with Her Majesty for a Convocation of Parliament of the Tinnors of Cornwall, with a view to a renewal of a contract for digging tin; with Autograph Draft of a Letter referring to the Petition, 10 Nov. 1709, etc., *on 3 pp.*, and Notes *on 4 pp.*
- NEWTON. Autograph Copy, signed, of Letter No. 501, 1 p., 28 Oct. 1703; and Autograph Notes on the arrangements for handling the Tin, *on 6 pp.*
- NEWTON. "An Account of the Cost and Charges of sending Tynn to Amsterdam and selling it there by Commission," three AUTOGRAPH Drafts, 8 pp. [Oct. 1712]
- NEWTON. Autograph Draft of a Letter to the Lords of the Treasury, announcing that the East India Company are willing to give £7,000 for one hundred tons of tin, to be paid out of the first moneys they shall receive from the Treasury for saltpetre, 1 p. 22 Jan. 1710/11

Location	Description
	<p>NEWTON. "An Account of the loss which His Majesty may sustain by renewing for seven years the Contract with Cornwall and Devonshire for Tynn, now void by Her late Majesty's death." AUTOGRAPH, 4 pp. <i>undated</i></p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord High Treasurer, concerning the sending of "tin in barrs to store-houses in Lisbon, Genoa, and Leghorn, for supplying Portugal, Spain, Italy, and Turkey with tin," on 2 pp. <i>undated</i></p>
	<p>NEWTON. Enquiries into Drummond's Representations as to the price of Tin in Holland; with arithmetical calculations respecting proposals based on them, on 7 pp. AUTOGRAPH</p>
	<p>"To prove that a quantity of Tin cannot be had in the East Indies," 1 p. <i>undated</i></p>
	<p>NEWTON. A Statistical Paper, showing the amount of tin annually raised in Cornwall, and the large loss accruing to the Queen from the operations [estimated at £452,402 for 1704-5] 1 p. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "The State of a new contract for Tin upon the supposition that no more is purchased than the consumption will annually carry off." 1 p. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "Considerations upon the contracting with Cornwall for Tin," 1 p. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. [Considerations why King George the First should not renew the contract with Cornwall for Tin] 1 p. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "An Abstract of the Account of Sales of 2,680 blocks of Her Majesty's Tin, sent to Messrs. Drummond and Company," 1 p. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "The State of a new Contract for Tin," 1 p., and Notes on the subject, on 15 pp. ALL AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "An Account of the Tin remaining unsold in the Tower, in Holland, and at Hamburg," 1 p. <i>signed</i>, and Notes on the subject, on 6 pp. ALL AUTOGRAPH 25 Oct. 1715</p>
	<p>NEWTON. Autograph Draft of a Letter to the Lord High Treasurer, recommending that the agents for the Tin Affair in Cornwall should make a test experiment on two lots of black ore of grain tin, taken from the same heap, causing the one lot to be melted in a blowing house, and the other to be melted in one of the new patent reverberating furnaces, with a view to the settlement of a controversy respecting the effect of the reverberating furnace on tin. 2 pp. April 1708</p>
	<p>NEWTON. "The surest method for setting the price upon the Tynn at Amsterdam," and another Paper on the subject, 4 pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. "An Acct. of ye costs &amp; charges of procuring Tynn from London &amp; housing it at Amsterdam," on 3 pp. AUTOGRAPH <i>undated</i></p>
	<p>NEWTON. Autograph Draft, <i>signed</i>, of a Letter to the Lord High Treasurer, saying that there is room in the Mint "for coining twenty thousand pounds a week of silver, and eighty thousand pounds a week of gold, and at the same time lodging above two thousand tunns of Tinn, without bringing any Tinn into the rooms of gold and silver."</p>
	<p>1 p. <i>undated</i></p>

Location	Description
	NEWTON. Autograph Drafts of Four Letters ( <i>two signed</i> ) concerning sales of Tin, 6 pp. 14 Nov. 1709, etc.
	NEWTON. "An Accompt. of the cost and charges of sending Tynn to Amsterdam and selling it there by Commission," 2 AUTOGRAPH Drafts, 4 pp. undated
	NEWTON. "An Accompt of the Tyn sold in the Tower from Lady Day to the 1st. of Sept. inst," 1 p. AUTOGRAPH undated
	Williams (John) Merchant. "Considerations Relating to the Price of Tinne," by John Williams, merchant. [Three Essays in favour of maintaining the high price of tin, as English tin is secure from competition with cheaper tin produced elsewhere], on 21 pp. 1705
	Tyndale (William) "Proposal for the Improvement of Her Majesty's Preemption and Coinage of Tin by raising and perpetuating the value thereof," 12 pp. 1705

## REEL THIRTY-ONE

## Public Record Office

## 213. MINT 19/4

NEWTON (SIR ISAAC) HIS ACCOUNTS AS MASTER & WORKER OF THE MINT FROM HIS APPOINTMENT IN 1669 TO 1726 INCLUSIVE, those from 1705 to 1725 signed (he died on 20 Mar. 1727, and the account for 1726 is made by his successor, John Conduitt), with the WARDEN'S ACCOUNTS for the same period, each account on a double sheet, folio, mounted on guards (but now mostly detached) in a binding of contemporary mottled calf

\*\* Of great importance for the History of the Coinage, and of interest also as settling the much debated question of the amount of Newton's income from the Mint. It is known that he drew a salary of £500 a year as Master, and of £60 as Assay Master. In addition to these he received certain "profits," the amount of which has hitherto been conjectural. At his death he was worth about £40,000, and to account for this it has been absurdly asserted that in his old age "from greed of gain" he gambled in South Sea Stock.

The "profits" are entered as "Allowances to the Master for his waste and charges in the Coyning," and are at the rate of 6s. 6d. per lb. weight of gold coined, and 1s. 5½d. per lb. of silver. They fluctuated considerably from year to year. It appears from a clause in his Indenture that half of these allowances had to be paid to the moneyers. For 1700 they amounted to £1228 7s. 7d., but in 1701 they rose to the handsome total of £11,423 16s. 11½d. In 1702 they were £1191 19s. 11¾d., and in 1703 they dropped to £63 9s. 2d.—1714 was the peak year with £12,824 1s. 0½d. From 1700 to 1725 they total £92,995 2s. 9d.

Location	Description
214. MINT 19/5	<p>The method of drawing wire for gold and silver laces etc.. 2pp, undated.</p> <p>Weight of guineas, pertaining to the Coinage. 1p, undated.</p> <p>The course of an Ingot, sorted and standardised. 2pp, undated.</p> <p>Puncheon and how it is made. 3pp, undated.</p> <p>Autograph Draft of a Letter to the Treasury, giving the assays and value of Five Portuguese Gold Coins. 1p, (written on the blank sheet of a letter addressed to Newton by G. Needham of Chester, 16 May, 1725).</p> <p>A Proclamation for the Raising of the price of Silver Bullion. 2pp, undated.</p> <p>A Proclamation for ye currencies ... . 1p, undated.</p> <p>A Proclamation on the transportation of Gold, Silver or Bullion. 2pp, undated.</p> <p>A Proclamation for the valuation of Coynes (1522) and similar Proclamations for the years 1524, 1525, 1526. 23pp.</p> <p>Autograph draft of a statement relating to the assay of Cornish tin. 3pp, undated.</p> <p>Draft notes on the death of the Collector of the Bullion and copper coynage. 1p, undated.</p> <p>Notes on the design of coins, 2pp, with notes on ancient history on verso, 2pp, undated.</p> <p>An Account of what his Majesty may loose by renewing for seven years the contract with Cornwall and Devonshire for Tynn now voyd by her Majesty's death. 1p, undated.</p> <p>An Account of the gold and silver coyned at his Majesty's Mint in the Tower of London from Lady Day 1713 to Lady Day, 1715. 1p, with biblical commentary on verso, 1p, undated.</p> <p>An Account of the cost and charges of sending Tynn to Amsterdam and selling it then upon Commission. 1p, undated.</p> <p>List of medals to be distributed. 1p, undated.</p> <p>Letter from Charles Peyton to Sir Isaac Newton concerning bullion, 14 April 1709, with notes on Christian Theology on verso.</p> <p>Page of accounts, with notes on Christian theology on verso, 1p, undated.</p> <p>Draft report on gold and silver coinage, with notes on theology on verso, 2pp, undated.</p> <p>Bill from Charles Holt, 1p, 16 Nov. 1701.</p> <p>The Reverse of the Coronation Medal explained. 1p, undated.</p> <p>Notes on the stock of tin, 1p, undated.</p> <p>The present state of the Coynage in relation to the fineness of the moneys, with notes in Latin and calculations. 3pp, undated.</p> <p>The exchange between France and England, 1p, and notes on ancient chronology, 1p, undated.</p>

Location	Description
	<p>Letter from David Gregory on Pot Assays, with various accounts and calculations, 3pp, 16 Sept. 1707.</p> <p>Accounts and calculations, with notes on the Creation, 4pp, undated.</p> <p>The Comptrolment Roll of Thomas Molyneux, etc. Folio, 1701.</p> <p>Cancelled receipt by Newton for Vigo plate, 1p, 31 May 1703.</p>
215. MINT 19/6	Calendar of Mint 19/1--3, and of certain papers contained in Mint 19/4 and 19/5.
REEL THIRTY-TWO	
<b>Bodleian Library, Oxford</b>	
216. MS Don b.15	<p>DICTIONARY OF TERMS, MATERIALS &amp; APPARATUS USED IN ALCHEMY, with Directions for performing various Operations, etc., <i>about 7000 words</i>, 16 pp. AUTOGRAPH <i>sm. 4to</i></p>
217. MS Locke c.27, fol. 88	<p>A table, written by Isaac Newton, 1691, illustrating the fulfilment of the prophecy of the seven seals and trumpets and its interpretation according to the Revelation of St John.</p>
<b>The British Library</b>	
218. Add. MS 44888	<p>VALENTINE (BASIL) ABSTRACTS from the Works of Basil Valentine on Minerals; Transmutation of Metals; Vitriol, etc. [in English] <i>about 6000 words</i>, 14 pp. AUTOGRAPH <i>sm. 4to</i></p>
<b>Edinburgh University Library</b>	
219. MS Dk.1.2 <sup>1</sup>	<p>Tractatus de seriebus infinitis et convergentibus. 27pp. Holograph, except for title.</p>

Location	Description																																																																																																																																																																
220. MS Dk. 1.2 <sup>2</sup>	Mathematical figures and calculation in the hand of Sir Isaac Newton. Figures of prisms, figures 1-7, 8-19.																																																																																																																																																																
Fitzwilliam Museum, Cambridge																																																																																																																																																																	
221. Notebook	<p>NOTE-BOOK, 118 LL. WITH ENTRIES ON 34 PP. ENTIRELY IN THE HANDWRITING OF SIR ISAAC NEWTON, <i>original calf</i> [<math>4\frac{3}{4}</math> in. by <math>2\frac{3}{4}</math> in.] (see <i>Brewster I</i>, 31-33) 1662-69</p> <p>* Inscriptio on fly-leaf: "Isaac Newton, pret. S<sup>d</sup>."          Begins with shorthand notes on 3 pp. dated 1662, followed by a list of Expenses, dated from 23 May 1665 to April 1669 (about 140 entries), on 7 pp.          The Expenses are of great interest, e.g. :—</p> <table border="0"> <tbody> <tr> <td>1667 :</td> <td>Lath and Table ... ..</td> <td>0</td> <td>15</td> <td>0</td> </tr> <tr> <td></td> <td>Iron worke for it ... ..</td> <td>0</td> <td>9</td> <td>0</td> </tr> <tr> <td></td> <td>Drills, Gravers, a Hone and Hammer and a Mandrill</td> <td>0</td> <td>5</td> <td>0</td> </tr> <tr> <td></td> <td>A Magnet ... ..</td> <td>0</td> <td>16</td> <td>0</td> </tr> <tr> <td></td> <td>Compasses... ..</td> <td>0</td> <td>3</td> <td>6</td> </tr> <tr> <td></td> <td>Glass bubbles ... ..</td> <td>0</td> <td>4</td> <td>0</td> </tr> <tr> <td></td> <td>At ye Tavern severall other times, etc ... ..</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>Spent on my Couz Ayscough ... ..</td> <td>0</td> <td>12</td> <td>6</td> </tr> <tr> <td></td> <td>Philosophicall Intelligences ... ..</td> <td>0</td> <td>9</td> <td>6</td> </tr> <tr> <td></td> <td>Ye History of y<sup>e</sup> Royall Soc ... ..</td> <td>0</td> <td>7</td> <td>0</td> </tr> <tr> <td></td> <td>Gunter's Book and sector, etc. to D<sup>r</sup> Fox ... ..</td> <td>0</td> <td>5</td> <td>0</td> </tr> <tr> <td></td> <td>For a Fellows key ... ..</td> <td>0</td> <td>1</td> <td>0</td> </tr> <tr> <td></td> <td>For keeping Christmas ... ..</td> <td>0</td> <td>5</td> <td>0</td> </tr> <tr> <td></td> <td>Lost at cards at twice ... ..</td> <td>0</td> <td>15</td> <td>0</td> </tr> <tr> <td></td> <td>For my degree to ye Colledg ... ..</td> <td>5</td> <td>10</td> <td>0</td> </tr> <tr> <td></td> <td>For 3 Prisms ... ..</td> <td>0</td> <td>3</td> <td>0</td> </tr> <tr> <td></td> <td>Bacon's Miscelanys ... ..</td> <td>0</td> <td>1</td> <td>6</td> </tr> <tr> <td></td> <td>Reading Greeke ... ..</td> <td>0</td> <td>5</td> <td>10</td> </tr> <tr> <td></td> <td>A bible binding ... ..</td> <td>0</td> <td>3</td> <td>0</td> </tr> <tr> <td></td> <td>18 yards of Tammy for my M<sup>r</sup> of Arts Goune ... ..</td> <td>1</td> <td>13</td> <td>0</td> </tr> <tr> <td></td> <td>Lining ... ..</td> <td>0</td> <td>3</td> <td>6</td> </tr> <tr> <td></td> <td>For oranges for my Sister ... ..</td> <td>0</td> <td>4</td> <td>2</td> </tr> <tr> <td></td> <td>Taverne ... ..</td> <td>0</td> <td>10</td> <td>0</td> </tr> <tr> <td></td> <td>My part of A Coach ... ..</td> <td>0</td> <td>14</td> <td>0</td> </tr> <tr> <td></td> <td>Bowling Green ... ..</td> <td>0</td> <td>10</td> <td>0</td> </tr> <tr> <td>1669 :</td> <td>For Glasses in Cambridge ... ..</td> <td>0</td> <td>14</td> <td>0</td> </tr> <tr> <td></td> <td>For Glasses at London ... ..</td> <td>0</td> <td>15</td> <td>0</td> </tr> <tr> <td></td> <td>For Aqua Fortis, sublimate, oyle, perle, fine Silver, Antimony, vinegar, Spirit of Wine, White Lead, Allom, Niter, Tartar, Salt of Tartar ... ..</td> <td>2</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>A Furnace ... ..</td> <td>0</td> <td>8</td> <td>0</td> </tr> <tr> <td></td> <td>Joyner ... ..</td> <td>0</td> <td>6</td> <td>0</td> </tr> <tr> <td></td> <td>Theatrum Chemicum ... ..</td> <td>1</td> <td>8</td> <td>0</td> </tr> <tr> <td></td> <td>etc., etc.</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>The other end of the book begins with "Nova Cubi Hebraei Tabella" on 1 page, followed by various PROBLEMS IN GEOMETRY AND THE CONIC SECTIONS (Ellipsis, Parabola, Hyperbole, etc.) on 24 pp. with diagrams</p> <p>A VERY IMPORTANT NOTE-BOOK, which Sir David Brewster says "has obviously been preserved by Newton himself as evidence of the priority of some of his researches."</p>	1667 :	Lath and Table ... ..	0	15	0		Iron worke for it ... ..	0	9	0		Drills, Gravers, a Hone and Hammer and a Mandrill	0	5	0		A Magnet ... ..	0	16	0		Compasses... ..	0	3	6		Glass bubbles ... ..	0	4	0		At ye Tavern severall other times, etc ... ..	1	0	0		Spent on my Couz Ayscough ... ..	0	12	6		Philosophicall Intelligences ... ..	0	9	6		Ye History of y <sup>e</sup> Royall Soc ... ..	0	7	0		Gunter's Book and sector, etc. to D <sup>r</sup> Fox ... ..	0	5	0		For a Fellows key ... ..	0	1	0		For keeping Christmas ... ..	0	5	0		Lost at cards at twice ... ..	0	15	0		For my degree to ye Colledg ... ..	5	10	0		For 3 Prisms ... ..	0	3	0		Bacon's Miscelanys ... ..	0	1	6		Reading Greeke ... ..	0	5	10		A bible binding ... ..	0	3	0		18 yards of Tammy for my M <sup>r</sup> of Arts Goune ... ..	1	13	0		Lining ... ..	0	3	6		For oranges for my Sister ... ..	0	4	2		Taverne ... ..	0	10	0		My part of A Coach ... ..	0	14	0		Bowling Green ... ..	0	10	0	1669 :	For Glasses in Cambridge ... ..	0	14	0		For Glasses at London ... ..	0	15	0		For Aqua Fortis, sublimate, oyle, perle, fine Silver, Antimony, vinegar, Spirit of Wine, White Lead, Allom, Niter, Tartar, Salt of Tartar ... ..	2	0	0		A Furnace ... ..	0	8	0		Joyner ... ..	0	6	0		Theatrum Chemicum ... ..	1	8	0		etc., etc.			
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Location	Description
<b>Hampshire Record Office</b>	
222.NC3/1-6	RECIPES. "A Medicine to transmute Copper"; "To make artificiall pearle"; and other Recipes and Notes, <i>not in Newton's hand</i> , on 7 pp. sm. 4to and 3 pp. folio
223. NC4/1-2	NEWTON (SIR ISAAC) A.L.S. TO HENRY OLDENBURG ASKING FOR INFORMATION ON THE PLANTING OF APPLE TREES AND THE MANUFACTURE OF CIDER, closely written on 1¼ pp. folio, with address sheet and seal (and a contemporary copy) 2 Sept. 1676 * Printed in <i>Brewster, I</i> , 129-131.
224. NC5	NEWTON. AUTOGRAPH DRAFT of part of a letter [probably to Francis Godolphin and referring to the 1705 election] <i>on a scrap</i> [? 1705]  " I may now say further that o <sup>r</sup> college has been more hearty and zealous for you than yo <sup>r</sup> s has been for me and y <sup>t</sup> I have done more for you then you have done for either me or yo <sup>r</sup> self."
225. NC6/1-3	NEWTON. Autograph extracts from a letter from Brook Taylor to Innys concerning Ricatti and another person who had undertaken to write against Newton's "Optics," 12 Aug. 1718; also from letters from Ricatti and de Monmort on the same subject, on 2 pp. folio; Autograph Draft of part of a letter to Daguesseau on Bernoulli's letter, complaining of being called " <i>eques errationis</i> ," <i>on a scrap</i> (3)
226. NC7/1-2	NEWTON. DRAFT OF A SHORT LETTER TO "MR. CAWOOD":—  " I have not yet been able to strike such a meridian line as we were speaking of, but can do it at any time by a magnetical needle. "  Draft of part of another letter:—  " . . . Mr. Tompson is upon marrying my niece Mrs. Smith, and I desire to have her accounts stated in order to a marriage settlement. "  with notes, evidently of payments, on the back:—  " Fatio 30. Neice Smith 25. Landlady 21. Cook 8. Tankard 12½," etc.  <i>on 2 scraps</i> , AUTOGRAPH (2)
227. NC8/1-2	THE FAMOUS LOVE LETTER.  [NEWTON (SIR ISAAC) ?] COPY; IN THE HAND OF CONDUITT, OF A LETTER CONTAINING A PROPOSAL OF MARRIAGE, <i>headed by Conduitt</i> : "Copy of a letter to Lady Norris by —," and <i>endorsed in another hand</i> : "A Letter from Sir I. N. to —" 2 pp. folio undated [? c. 1703]

Location	Description
<p>* This amusing love letter has greatly puzzled Newton's biographers. Brewster, after weighing all the evidence, decides reluctantly that it is a genuine letter sent by Newton to Lady Norris (widowed for the third time on 10 Oct. 1702) but L. T. More suggests that it may be merely the copy of a letter received by Lady Norris from a fortune hunter and shown by her to Newton, with whom she is known to have been on terms of intimate friendship. Mr. More says that "the style of the letter is totally unlike that of his known correspondence." But Newton is not known to have employed his pen in this vein on any other occasion, and in the present letter the unimpassioned analysis, the lucid, logical exposition, and the inevitability of the solution are not unworthy of the author of the <i>Principia</i>.</p> <p>"Madam, Your L<sup>ps</sup> great grief at the loss of Sr William shews that if he had returned safe home, Y<sup>r</sup> L<sup>sp</sup> could have been glad to have lived still with a husband and therefore your aversion at present from marrying again can proceed from nothing else than the memory of him whom you have lost. To be always thinking on the dead is to live a melancholy life among sepulchres, and how much grief is an enemy to your health is very manifest . . . and can Y<sup>r</sup> L<sup>sp</sup> resolve to spend the rest of your days in grief and sickness? Can you resolve to wear a widow's habit perpetually . . . which will be always putting you in mind of your last husband and thereby promote your grief and indisposition? . . . The proper remedy for all these mischiefs is a new husband."</p>	
228. NC9	<p>NEWTON. A Letter from Henry Starkey, not addressed to Newton but evidently forwarded to him by someone who was trying to obtain preferment for him. It mentions among other "places" those of Master, Warden, and Controller of the Mint and the present occupants, "very good places and they make them as good as they please themselves" 1 p. <i>folio</i>, 5 May, 1690</p> <p>* Newton was not appointed to the Wardenship of the Mint until March 1696.</p>
229. NC10	<p>NEWTON (SIR ISAAC) Observations upon the Prophecies of Daniel and the Apocalypse of St. John, ROUGH PROOFS, heavily corrected [probably by Benjamin Smith], of pp. 25-40, 73-96, 105-112, 121-160, 169-192, 201-208, 217-231, 281-323 (the end), <i>unbound sheets</i> 4to [1733]</p>
230. NC11	<p>COPY OF Y<sup>e</sup> ASSOCIATION &amp; ACT OF PARLIAMENT ENFORCING IT, IN Y<sup>e</sup> REIGN OF QUEEN ELIZABETH, <i>about 1700 words</i>, 6 pp. <i>folio</i>      AUTOGRAPH</p>

Location	Description
231. NC12 232. NC13	GENEALOGICAL TREE OF THE ROYAL FAMILY, with annotations, 2 pp. folio, 1689—Estimated Expenses of the Government, 1668 and 1675, 3½ pp. folio, ALL AUTOGRAPH
233. NC14/1-3	APOLOGY FOR THE CHURCH OF ENGLAND with relation to the Spirit of Persecution for w <sup>ch</sup> she is accused ( <i>not in Newton's hand</i> ) 11 pp. folio
234. NC17	YARWORTH (W.) PROCESSUS MYSTERII MAGNI PHILOSOPHICUS, 1701, a transcript, up to Experiment 9 only (incomplete), <i>not in Newton's hand</i> , on 107 pp., contemporary calf, joints broken 8vo * Note on fly-leaf: "Sep. 25 1727. Not fit to be printed. T. Pellet."
<b>Institute of Metals</b>	
235. Metals. De Mineralibus	METALS. "DE MINERALIBUS" [Notes on Geber, Basil Valentine, etc.] about 800 words, 3 pp. AUTOGRAPH sm. 4to
<b>Lambeth Palace Library</b>	
236. Ms. 592	Trigometria Fundamenta [in Latin], 3pp Autograph
<b>St Andrews University Library</b>	
237. MS 38196	MAIER (M.) EMBLEMATA Michaelis Maieri Comitis Germani [Notes and Abstracts]; Notes on the "SPECULUM ALCHYMIE" OF ARNOLDUS, etc., about 5000 words, 8 pp. AUTOGRAPH sm. 4to
238. MS 38195	COPPER. "THE HUNTING OF Y <sup>e</sup> GREEN LYON," [in English], about 800 words, 2 pp.; Miscellaneous Notes [in Latin] about 400 words, 1 p. BOTH AUTOGRAPH folio

Location	Description
239. J.D.Forbes Papers, Autographs, 49	Note relating to matter on page 490 of the first edition of the <i>Principia</i> , presumably being considered for the second edition in 1712 as the reverse bears suggestions in the hand of Roger Cotes for changes to be made for that edition. 1p. 18.5 x 6.8 cm (fragment)

## REEL THIRTY-THREE

**Martin Bodmer  
Foundation, Geneva**

240. Newton's "On the Church"	A large collection of drafts and copies of an intended history of the Church, written during the reign of Queen Anne. c. 200 double leaves and 7 single leaves, folio, and 7 double leaves, 4to, and 5 smaller scraps, normally written on one side only. Kept in brown portfolio and slip-case of half morocco with gold lettering.
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## REEL THIRTY-FOUR

**Jewish National and  
University Library**

241. YAH. Ms. Var 1 Newton MS1	<p>APOCALYPSE [A TREATISE ON THE BOOK OF REVELATION IN ENGLISH], <i>incomplete</i>, WITH DRAFTS OF SEVERAL SECTIONS, IN ALL ABOUT 110,000 WORDS, ON 550 PP. AUTOGRAPH <i>sm. 4to</i></p> <p>** UNPUBLISHED.</p> <ol style="list-style-type: none"> <li>(1) [Introduction] (<i>complete</i>), beginning: Having searched after knowledge in y<sup>e</sup> prophetic scriptures, I have thought myself bound to communicate it for the benefit of others, remembering y<sup>e</sup> judgment of him who hid his talent in a napkin " (<i>first leaf stained but entirely legible</i>).</li> <li>(2) " Rules for interpreting y<sup>e</sup> words and language in Scripture."</li> <li>(3) " Definitions."</li> <li>(4) " Prophetic figures."</li> <li>(5) A series of Twelve " Positions " (the last 3 un-numbered).</li> <li>(6) A series of " Propositions," numbered III-XVI (some re-numbered and out of order; with several drafts); and Drafts of further " Propositions," numbered 20-26.</li> </ol>
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Location	Description
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- (7) The first, second, third and fourth Trumpets, with drafts of several portions.
- (8) " Propositions " [on the Trumpets] *incomplete*.
- (9) [The Opening of the Seals] *incomplete*.

## REEL THIRTY-FIVE

## Jewish National and University Library

242. YAH. Ms. Var 1  
Newton MS2

APOCALYPSE [A TREATISE ON THE BOOK OF REVELATION] A VAST COLLECTION OF NOTES AND EXTRACTS IN ENGLISH AND LATIN, MOSTLY MADE IN PREPARATION FOR THE WRITING OF THE TREATISE, *on unpagged sheets and very confused, written on NEARLY 700 pp. sm. 4to, etc., and containing about 150,000 WORDS, AUTOGRAPH*

243. YAH. Ms. Var 1  
Newton MS3

APOCALYPSE. " INTRODUCTIO continens Apocalypseos rationem generalem," [in Latin; *complete*], *about 4,500 words, on 21 pp. AUTOGRAPH sm. 4to*

244. YAH. Ms. Var 1  
Newton MS4

APOCALYPSE. " VARIANTES LECTIONES APOCALYPTICÆ " [a collection of variant readings in the Greek text, compiled from MSS. and a great number of printed editions] *closely written on 105 pp. AUTOGRAPH sm. 4to*

245. YAH. Ms. Var 1  
Newton MS5

" DE ANNIS PRÆDICATIONIS CHRISTI " [in Latin, *incomplete and some ll. stained*] *about 8,000 words, on 44 pp AUTOGRAPH sm. 4to*

Location	Description
<b>REEL THIRTY-SIX</b>	
<b>Jewish National and University Library</b>	
246. YAH. Ms. Var 1 Newton MS6	PROPHECIES. "THE SYNCHRONISMS OF THE THREE PARTS OF THE PROPHETICK INTERPRETATION," <i>about 6000 words, on 19 pp., folio</i> AUTOGRAPH
247. YAH. Ms. Var 1 Newton MS7	PROPHECIES. OBSERVATIONS UPON THE PROPHECIES OF DANIEL AND THE APOCALYPSE OF ST. JOHN, A VAST COLLECTION OF DRAFTS OF VARIOUS CHAPTERS AND SECTIONS, a few sections prepared for the press, but the majority in a confused state on un-numbered loose sheets (some on the backs of letters received and other scraps) <i>in all about 975 pp. folio, etc., and containing about 300,000 words, AUTOGRAPH</i>
<b>REEL THIRTY-SEVEN</b>	
<b>Jewish National and University Library</b>	
248. YAH. Ms. Var 1 Newton MS8 [See also 257]	PROPHECIES. NOTES AND FRAGMENTS RELATING TO THE PROPHECIES, EXTRACTS from Theological Works, etc., <i>on 25 pp. folio (9 pp. stained and partly illegible) and on 4 pp. sm. 4to, etc., ALL AUTOGRAPH, and notes in another hand, on 4 pp. sm. 4to</i>
249. YAH. Ms. Var 1 Newton MS9 [Part only. See also 281]	PROPHECIES. A FAIR COPY, WITH CORRECTIONS, OF A WORK ON INTERPRETATION OF THE PROPHECIES, ( <i>no title</i> ) imperfect at each end, but the various sections for the most part appear complete. <i>about 40,000 words on 158 pp., HOLOGRAPH folio</i> RELIGION. DRAFTS OF VARIOUS PORTIONS OF A WORK ON RELIGION [apparently different from lot 249] <i>on loose sheets. un-numbered and confused,</i>
250. YAH. Ms. Var 1 Newton MS10	PROPHECIES. NOTES AND EXTRACTS MOSTLY DEALING WITH THE INTERPRETATION OF THE PROPHECIES, and kindred subjects, <i>confused and some ll. stained, about 27,000 words on 95 pp., sm. 4to</i> AUTOGRAPH

Location	Description
251. YAH. Ms. Var 1 Newton MS11	CHURCH HISTORY. "PRÆMIUM" [to a Church History, in Latin; <i>complete</i> ] <i>begins</i> : Rerum Christianarum clara intelligentia, ab historia Ecclesiasticæ pendet. Historiæ hæc est summa." <i>About 10,000 words, on 47 pp.</i> AUTOGRAPH <i>sm. 4to</i>
252. YAH. Ms. Var 1 Newton MS12	FAITH. "FIDEI VERO FORMULA" [a Treatise, beginning in Latin, <i>apparently complete</i> ], <i>about 11,000 words, on 49 pp.</i> AUTOGRAPH <i>sm. 4to</i>
253. YAH. Ms. Var 1 Newton MS13	IRENÆUS. [NOTES] "EX IRENÆI HAERESIS LIB I," 8 pp.; "EX MAIMONIDE LIB DE CULTU DIVINO," 16 pp. ( <i>stained and partly illegible</i> ); VARIOUS NOTES (in Latin) ON MYTHOLOGIES, ETC. ( <i>some sheets defective</i> ); <i>in all about 20,000 words on 100 pp.</i> AUTOGRAPH <i>sm. 4to</i>

## REEL THIRTY-EIGHT

Jewish National and  
University Library254. YAH. Ms. Var 1  
Newton MS14

THEOLOGICAL NOTES AND EXTRACTS [mostly in Latin], "Ex Athenagoræ Athen. Christ. Philos. pro Christianis Legatione, sive Apologia"; "Ex Arnobii adversus gentes libro primo"; "Ex Disputatione Vigilii Episcop. Tridentini de Trinitate"; "Ex Justini Martyris Dialogo cum Tryphonico adversus Judæos"; "Ex Hilario"; "Ex Clementi Alexandr"; "Ex Ignatii Epistolis"; "Cyprianus de Mortalitate"; "Ex Maimonide de Culto Divino"; Testimonies of ye Millenium," etc., etc., *in all about 120,000 words on 450 pp. (some sheets stained and rotted, but the greater part in good condition)*, AUTOGRAPH *sm. 4to*

\*\* A remarkable collection showing Newton's wide reading in Theology, and especially in Patristic literature.

255. YAH. Ms. Var 1  
Newton MS15

RELIGION. THE CHRISTIAN RELIGION, AN UNFINISHED TREATISE WITH SPECIAL REFERENCE TO CHURCH HISTORY AND THE INTERPRETATION OF THE PROPHECIES, IN ENGLISH; a large collection of Drafts and Fair Copies of various sections, considerable portions being more or less complete in themselves, but

Location	Description
	including also a quantity of loose un-numbered sheets, notes on scraps, etc., in great disorder, in all ABOUT 200,000 WORDS on about 850 PP. HOLOGRAPH <i>mostly folio</i>
	* UNPUBLISHED. Among Newton's MSS. mentioned by Catherine Conduitt in the Codicil to her Will (26 Jan. 1737) is "A Church History Compleat"; but none with this title is recorded in the catalogue made by W. M. Godschall and Bishop Horsley in 1777, nor in any subsequent catalogue. The present collection probably represents the MS. Catherine Conduitt had in mind.
	Included in the lot are 3 folio pages containing several drafts of a table of Contents; no two are alike and the numerous alterations suggest that Newton himself could not decide how the chapters should be arranged. They are either un-numbered or numbered irregularly.
	The scope of the work and the scale on which it was planned may be seen from the headings of chapters which exist for the greater part in either fair copies or in late drafts.
	Chap. I. Of the Church of God and of her Laws, Sanctuary, Government.
	Chap. II. Of the Holy Covenant.
	Chap. 2. Of the Christian Religion and the difference between the Churches of the circumcision and uncircumcision.
	Chap. 2. Of the Prince of the Host or Messiah the Prince, and of his host composed of Jews and Gentiles united by Charity.
	Chap. 3. Of the faith w <sup>ch</sup> was once delivered to the Saints.
	Chap. 4. Of the Theology of the Heathens, Cabbalists and ancient Hereticks.
	Chap. VII. Of the abomination of desolation.
	Chap. VIII. Of the Roman Empire in relation to its Ecclesiastical dominion in legislature in matters of Religion.
	Chap. X. Of the Sanctuary of Strength, or of the Temple and Synagogues of the Jews and Churches of the Christians.
	Chap. XI. Of the Sanctuary of Strength of the Holy Covenant.
	Chap. XIV. Of the Host of Heaven and the corruptions which crept into it.
	Chap. [—] Of the first principles of the Christian Religion.
	Chap. [—] Of the Christian Religion and its corruption in its morals.
	Chap. [—] Of the corruption of the Church in Language and Opinions.
	Chap. [—] Of the rise and dominion of the Roman Catholick Church.
	Chap. [—] Of the rule and faith and schism of the Christian Roman Empire.
	Chap. [—] Of the working of the Mystery of Iniquity.

Location	Description
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- Chap. [---] Of the revelation of the Man of Sin.  
 Chap. [---] A further account of the Host of Heaven and the corruption which crept into it.

## REEL THIRTY-NINE

## Jewish National and University Library

256. YAH. Ms. Var 1  
 Newton MS16

RELIGION. THEOLOGÆ GENTILIS ORIGINES PHILOSOPHICÆ [A TREATISE. IN LATIN, APPARENTLY COMPLETE, but the pages mostly un-numbered, and containing several interpolated sheets of additions and revisions], *about 20,000 words, on 96 pp. folio, (some ll. stained and a few short passages illegible)*; and a COLLECTION OF ROUGH DRAFTS, NOTES, ETC., *about 30,000 words, 110 pp. mostly folio, ALL AUTOGRAPH*

257. YAH. Ms. Var 1  
 Newton MS17  
 [See also 248]

PROPHECIES. NOTES AND FRAGMENTS RELATING TO THE PROPHECIES, EXTRACTS from Theological Works, etc., *on 25 pp. folio (9 pp. stained and partly illegible) and on 4 pp. sm. 4to, etc., ALL AUTOGRAPH, and notes in another hand, on 4 pp. sm. 4to*

258. YAH. Ms. Var 1  
 Newton MS18

RELIGION. THE RISE OF THE APOSTASY IN POINT OF RELIGION (an untitled draft), *about 2,500 words, on 7 pp. AUTOGRAPH, very much re-written folio*

✧ Unpublished.

259. YAH. Ms. Var 1  
 Newton MS19

TRINITARIANISM. A THEOLOGICAL TREATISE, in Latin [apparently a Church History with special reference to the Arian Controversy] *imperfect at beginning and end, and with some gaps in between; on loose unnumbered sheets without title or chapter-headings*, *about 50,000 words on 213 pp. (a few sheets perhaps from another work), AUTOGRAPH sm. 4to*

Location	Description
260. YAH. Ms. Var 1 Newton MS20	<p>TRINITARIANISM. CORRUPTELÆ DUORUM CELEBRIUM IN SACRIS LITERIS LOCORUM HISTORIA NARRATIO . . . vid. I John v. 7, I Tim. III, 16 . . . Amstelaedami , Anno 1709, not in Newton's hand, but containing a few autograph corrections, 98 pp. <i>sewed</i>; a short autograph note on I John v. 7 loosely inserted <i>sm. 4to</i></p> <p>** A Latin version of the first part of the "Historical Account of two notable corruptions of Scripture" (in Horsley's edition, vol. v. 495 seq.). It treats only of the first text but is complete, ending with "Finis," and is rather fuller than the English version.</p>
261. YAH. Ms. Var 1 Newton MS21 [See also 309 and 353]	<p>SERMON. A SERMON ON 2 KINGS XVII, 15, 16, on 20 pp. with much re-writing, and a shorter version, on 8 pp. in all about 7,000 words. AUTOGRAPH <i>sm. 4to</i></p>
262. YAH. Ms. Var 1 Newton MS22	<p>ROMAN CATHOLICISM. [PROFESSION OF FAITH BY ROMAN BISHOPS AND PRESBYTERS, in Latin], about 3,000 words, AUTOGRAPH <i>folio</i></p>
REEL FORTY	
<p><b>Jewish National and University Library</b></p>	
263. YAH. Ms. Var 1 Newton MS23	<p>ROMAN CATHOLICISM [A MEMORANDUM ON THE PAPACY and the future of the Roman Church as supposedly revealed in the Prophecies] <i>begins</i> :</p> <p style="padding-left: 2em;">" That y<sup>e</sup> Papists for some years past have had and still continue in a firm persuasion that they shall ere long suppress all parties disagreeing from them is commonly observed by those who converse much with them ; why they should do so at this time more than formerly since they pretend not to any prophecy for it, must be from y<sup>e</sup> knowledge they have of y<sup>e</sup> present posture of affairs in Europe. "</p> <p style="text-align: right;"><i>about 3000 words, 6 pp. AUTOGRAPH folio</i></p>
264. YAH. Ms. Var 1 Newton MS24	<p>CALENDAR. " CONSIDERATIONS ABOUT RECTIFYING THE JULIAN KALENDAR," Two Drafts, and a fair copy, 10 pp. <i>folio</i>; MEMORANDUM ON " THE ADVANTAGE OF THIS KALENDAR ABOVE Y<sup>E</sup> GREGORIAN," <math>\frac{3}{4}</math> pp. <i>folio</i>; Two Drafts of a Letter to the Bishop of Worcester on CALENDAR REFORM, 5 pp. <i>folio</i>;</p>

Location	Description
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Draft of another letter concerning a paper on the Kalendar by Dr. Prideaux, sent to Newton by the Bishop of Worcester, 4 pp. folio; "THE USE OF THE KALENDAR FOR FINDING THE LORDS DAY AND MOVEABLE FEASTS," 2 pp. 4to; "REGULA PRO DETERMINATIONE PASCHALIS," a Draft and a fair copy, 5 pp. folio, various CALCULATIONS, NOTES, ETC., on 9 pp. folio and 1 p. 4to, in all about 9,000 words, ALL AUTOGRAPH

\*\* The "Considerations" were probably written in 1699 (see *Brewster II*, 311).

"The best form of y<sup>e</sup> solar year is to divide it by y<sup>e</sup> 4 cardinal periods of y<sup>e</sup> Equinoxes and Solstices into 4 quarters, so that y<sup>e</sup> quarters of y<sup>e</sup> year may begin at y<sup>e</sup> Equinoxes and Solstices as they ought to do, and then to divide every quarter into 3 equal months w<sup>ch</sup> will be done by making the six winter months to consist of 30 days each and y<sup>e</sup> six summer months of 31 days each excepting one of ym (suppose y<sup>e</sup> last) w<sup>ch</sup> in y<sup>e</sup> leap year shall have 31 days, in y<sup>e</sup> other three years only 30 days. At y<sup>e</sup> end of every hundred years omit the intercalary day in y<sup>e</sup> leap year excepting at y<sup>e</sup> end of every five hundred years. And this I take to be the simplest and in all respects the best form of y<sup>e</sup> civil year that can be thought of."

265. YAH. Ms. Var 1  
Newton MS25

CHRONOLOGY. DRAFTS OF VARIOUS SECTIONS OF A LARGE WORK ON CHRONOLOGY, on about 450 pp. (the sheets very confused and mostly un-numbered), and containing about 150,000 words, AUTOGRAPH folio

Some of the sections are headed as follows:—

- Chap. 1. Of the Kingdome of Egypt.
- Chap. 2. The History and Chronology of the Persian Monarchy with respect to the Jews.
- Chap. [-.] Another draft of the same.
- Chap. 2. The Chronology of the Books of Ezra and Nehemiah with respect to y<sup>e</sup> Persian Monarchy.
- Chap. 3. The Monarchy of Egypt at Thebes.
- Chap. 7. (The same title, but different text).
- Chap. 4. The Time of the Argonautic Expedition and Trojan War stated by the Records of the Tyrians and Carthaginians, and by the reign of Sesostris.
- Chap. 6. Of the Colonies of Egyptians and Phœnicians who civilized the Greeks.
- Chap. 8. The Monarchy of Egypt at Memphys.
- Chap. [-.] The History and Chronology of the Babylonian Monarchy with respect to the Jews.
- [Chap. -.] The Chonology of the Gospel.

Location	Description
REEL FORTY-ONE	
<b>Jewish National and University Library</b>	
266. YAH. Ms. Var 1 Newton MS26	Several draft chapters on chronology.
267. YAH. Ms. Var 1 Newton MS27	<p>CHRONOLOGY [THE "SHORT CHRONICLE"] : SEVEN AUTOGRAPH DRAFTS OF NEWTON'S "REMARKS ON THE OBSERVATIONS MADE ON A CHRONOLOGICAL INDEX OF SIR ISAAC NEWTON, TRANSLATED INTO FRENCH BY THE OBSERVER, AND PUBLISHED AT PARIS" [printed in the Philosophical Transactions of the Royal Society, 1725, vol. 33, p. 315] <i>in all about 7000 words, on 23 pp. folio</i> with other AUTOGRAPH NOTES on the same subject, <i>on 7 pp. sm. 4to</i></p> <p>* Newton's "Short Chronicle from the First Memory of Things in Europe to the Conquest of Persia by Alexander the Great" was given in MS. by him to the Princess of Wales for her own personal use. He afterwards consented to a copy being made by the Abbé Conti but only on the understanding that it was to be kept strictly private. Conti, however, circulated it among his friends in Paris and it was published there under his editorship in 1725, with an appendix of critical "Observations" by Freret, a rival chronologist and Newton's enemy.</p> <p>The "Remarks on the Observations" are a reply to Freret, and the Seven Drafts show what infinite pains Newton took in drawing up his defence.</p>
268. YAH. Ms. Var 1 Newton MS28	Notes and annotations on the Barbarian Kingdoms, the Temple and the history of the Jewish and Christian Churches.
269. YAH. Ms. Var 1 Newton MS29	A few pages from an unidentified treatise on early church history.
270. YAH. Ms. Var 1 Newton MS30	<p>LUMINA DE TENEBRIS. "OUT OF LA LUMIERE SORTANT DES TENEBRES" [Abstracts, in English], <i>about 1700 words, 4 pp. folio</i>  AUTOGRAPH</p>

Location	Description																																		
271. YAH. Ms. Var 1 Newton MS31	NEWTON. DRAFT OF A LETTER [in Latin, ? to John Lacy] discussing a problem in solid geometry, <i>about 400 words, signed</i> ; Notes on Greek and Roman History and Chronology, <i>about 2000 words, the whole on 8 pp. (a folio sheet folded in four)</i> AUTOGRAPH																																		
272. YAH. Ms. Var 1 Newton MS32	REASONS FOR SUBSCRIBING Y <sup>E</sup> OXFORD ADDRESS by y <sup>E</sup> Clergy of y <sup>T</sup> Diocese, <i>about 500 words, 2 pp.</i> AUTOGRAPH <i>folio</i>																																		
273. YAH. Ms. Var 1 Newton MS33	A single page of notes on mythology, with an undated draft of a letter by Newton.																																		
274. YAH. Ms. Var 1 Newton MS34	<p>NEWTON. A LIST OF EXPENSES, beginning "Paid in part of Income to Dr. Babington [Senior Fellow of Trinity] 8. 0. 0," 1 p. 8vo, AUTOGRAPH [? 1667]</p> <p>* In 1667 on being elected Minor Fellow of Trinity, Newton was assigned the "Spirtuall chamber," which Edleston conjectures was the ground room next the Chapel in the N.E. corner of the Great Court. The present list of expenses concerns the alteration and furnishing of a room and the following entries show that Edleston is probably correct:—</p> <table> <tbody> <tr> <td>Paid for making a new cellar behind ye Chappel</td> <td>3</td> <td>5</td> <td>2</td> </tr> <tr> <td>For a door, bolts, and lock to y<sup>e</sup> cellar</td> <td>0</td> <td>10</td> <td>0</td> </tr> <tr> <td>Other entries include</td> <td></td> <td></td> <td></td> </tr> <tr> <td>A stone roller in y<sup>e</sup> Garden besides y<sup>e</sup> frame</td> <td>0</td> <td>17</td> <td>0</td> </tr> <tr> <td>Two chairs w<sup>th</sup> arms 1 lb. 6 s</td> <td rowspan="3">}</td> <td rowspan="3">8</td> <td rowspan="3">0 0 (sic)</td> </tr> <tr> <td>Eight chairs w<sup>thout</sup> arms 4 lb.</td> </tr> <tr> <td>Ten Cushions 5 lb.</td> </tr> <tr> <td>Scritore</td> <td>3</td> <td>0</td> <td>0</td> </tr> <tr> <td>6 Russia leather chairs</td> <td></td> <td>15</td> <td>0</td> </tr> <tr> <td>&amp;c.</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>With a receipted Bill for a bed and bedding, etc. supplied to Newton, 1 p. sm. 4to, 10 Mar. 1669 (<i>paid 15 June 1670</i>); and a Bill for Commons, etc. : 10 : 00 : 06 "out of w<sup>ch</sup> deduct yo<sup>r</sup> allowance for bread &amp; beer 29 week and <math>\frac{1}{2}</math>," <i>receipted 27 Nov. 1690</i> by "Geo Modd Senescall," 1 p. 8vo (3)</p>	Paid for making a new cellar behind ye Chappel	3	5	2	For a door, bolts, and lock to y <sup>e</sup> cellar	0	10	0	Other entries include				A stone roller in y <sup>e</sup> Garden besides y <sup>e</sup> frame	0	17	0	Two chairs w <sup>th</sup> arms 1 lb. 6 s	}	8	0 0 (sic)	Eight chairs w <sup>thout</sup> arms 4 lb.	Ten Cushions 5 lb.	Scritore	3	0	0	6 Russia leather chairs		15	0	&c.			
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Ten Cushions 5 lb.																																			
Scritore	3	0	0																																
6 Russia leather chairs		15	0																																
&c.																																			
275. YAH. Ms. Var 1 Newton MS35	<p>NEWTON. DOCUMENT ON VELLUM. AN OBLIGATION CONCERNING HIS OFFICE AS MASTER &amp; WORKER OF THE MINT :—</p> <p>" that the said Isaac Newton his heires shall make satisfaction to the Kings Ma<sup>tye</sup> his heires and successors and to the merchants respectively of all that belongeth to them of the Gold and Silver w<sup>ch</sup> hee or they shall receive by reason of the said office and also if the said Isaac Newton doe well and truly behave himself in the said office so</p>																																		

Location	Description
	<p>long as hee shall continue in the same that then this present obligation shall be void or else the same shall stand and remain in full force and virtue."</p> <p>signed by Thomas Hall (<i>seal missing</i>) <span style="float: right;">22 Jan 1700</span></p>
276. YAH. Ms. Var 1 Newton MS36	<p>NEWTON [PHRASES FROM TERENCE'S "ANDRIA"] some of them translated into English, <i>over 2000 words on 4 pp. folio and 1 p. sm. 4to</i> AUTOGRAPH</p>
277. YAH. Ms. Var 1 Newton MS37	<p>NEWTON. Fragments of the MS. of the "Historia Cœlestis" (not in Newton's hand) <i>on 7 pp. folio</i>, with Corrections, etc. probably in Flamsteed's hand) <i>on 2 ll. folio</i>, addressed "For Mr. Halley," and TABLES OF OBSERVATIONS "Fixarum in Constellatione Herculis," etc. IN THE HAND OF NEWTON <i>on 5 pp. folio</i></p> <p>** The publication of the "Historia Cœlestis" was the cause of the celebrated quarrel between Flamsteed and Newton, and the occasion of the only recorded instance of Newton losing his temper. "He called me many hard names," said Flamsteed, "<i>puppy</i> was the most innocent of them."</p>
278. YAH. Ms. Var 1 Newton MS38	<p>PYROTECHNY. DE IGNE SOPHOREM ET MATERIA QUAM CALE FACIT [with passages in English on the Exaltation of Tinctures, etc.] <i>about 2500 words, 6 pp. sm. 4to</i> AUTOGRAPH</p>
279. YAH. Ms. Var 1 Newton MS39	<p>A single sheet from a treatise on early church history.</p>
280. YAH. Ms. Var 1 Newton MS40	<p>Sir Isaac Newton's pedigree and genealogical notes.</p>
281. YAH. Ms. Var 1 Newton MS41 [Part only. See also 249]	<p>"Chap. II. The Original of Religions," etc.; Rough Drafts and transcripts of other Theological Writings, etc. (<i>imperfect</i>) <i>in all about 40,000 words on 132 pp. AUTOGRAPH folio</i></p>

Location	Description
282. MS Var. 259	[JODOCHUS A RHE] " LE PROCEDE UNIVERSELLE POUR FAIRE LA PIERRE PHILOSOPHALE laquelle l'auteur dit davoit fait quatre fois " [in French] <i>about 1500 words, 6 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	ARTEPHIUS. " DE ARTE OCCULTA ET LAP. PHILOS. LIBER SECRETUS," <i>about 3500 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	FLAMMEL (N.) " THE HIEROGLYPHICALL FIGURES OF NICHOLAS FLAMMEL EXPLAINED," anno 1399, <i>about 3000 words, with elaborate pen-and-ink drawing of the figures, 7 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	NOVUM LUMEN CHYMICUM [Notes and Abstracts] <i>about 4000 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	SPAGNETUS. " ENCHIRIDION PHYSICÆ JOH. SPAGNETI," <i>about 3,500 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	NORTON'S ORDINALL [Notes and Abstracts]; Notes on RIPLEY'S TWELVE GATES, <i>about 4,000 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	" Ex AUGURELLI CHRYSOPGEIA [Notes and Abstracts] 2 pp. followed by Notes on " THE MARROW OF ALCHEMY " [in English] 6 pp., <i>in all about 3000 words,</i> AUTOGRAPH <i>sm. 4to</i>
	NOTES ON RIPLEY'S THIRD TRACT; on TABULA SMARAGDINA; on THE TINCTURE, etc., <i>about 1800 words, 5 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	" OBSERVANDA " [Notes and Abstracts relating to " INSTRUCTIO DE ARBORI SOLARI "; " LUCERNA SALIS PHILOSOPHORUM," etc.; <i>Newton has crossed out one paragraph and written in the margin: " Credo hic nihil adeptus "</i> ] <i>about 4500 words, 12 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	SNYDER (JOHN DE MONTE)—" COMMENTATIO DE PHARMACO CATHOLICO . . . donata per Authorem Chymicæ Vannus " [Notes and Abstracts] <i>about 5,000 words, 13 pp.</i> AUTOGRAPH <i>sm. 4to</i>
	VALENTINE (B.) " B. VALENTINE'S PROCESS DESCRIBED IN HIS 12 KEYS AND OTHER WRITINGS," A FINE SET OF NOTES [in English] <i>about 5000 words, 13 pp.</i> ; Miscellaneous Notes [in Latin], 8 pp. ALL AUTOGRAPH <i>sm. 4to</i>
	** These 11 items enclosed in a wrapper bearing a list of contents in Newton's hand.
283. MS Var.260	NOTE-BOOK, arranged for entries under " De Sale "; " Solutio "; " Conjunctio et Liquefactio," etc., but containing little else than headings and analytical sub-headings, 15 ll. <i>unstitched,</i> AUTOGRAPH <i>sm. 4to</i>

Location	Description
REEL FORTY-TWO	
<b>American Philosophical Society</b>	
284. Manuscript notes on ancient history ... mythology.	Newton (Sir Isaac). Holograph manuscript on ancient history and Classical, Egyptian and Babylonian mythology, written on loose sheets, mostly folio and quarto, about 20pp. With deletions and corrections mostly in Latin, but parts in English, Greek and Hebrew: includes sections on the Egyptians and Tyrrhenians, on history before the Flood, a genealogical table from Noah, tables showing the correspondence between the deities of different mythologies, etc.
<b>Andrews University (James White Library)</b>	
285. ASC MS N47 HER	PROPHECIES. "PROPHESIES CONCERNING CHRIST'S 2d COMING," [a Collection of Texts from the Bible and from the Talmud] about 15,000 words, 40 pp. (last 8 pp. stained and partly illegible) AUTOGRAPH <span style="float: right;">sm. 4to</span>
<b>Babson College</b>	
286. Ex Lumine De Tenebris MS 414	LUMINA DE TENEBRIS [NOTES AND ABSTRACTS, in English] about 2500 words, 5 pp. AUTOGRAPH <span style="float: right;">folio</span>
287. Rosario Magno MS 415	"ROSARIO MAGNO" [Notes and Abstracts] about 750 words, 1½ pp. AUTOGRAPH <span style="float: right;">sm. 4to</span>
288. Philosophers' Stone MS 416	PHILOSOPHERS' STONE. "LAPIS PHILOSOPHICUS CUM SUIS ROTIS ELEMENTARIBUS": A DIAGRAM, consisting of a central circle ("Prima Materia") with 7 other circles (3 feminine and 4 masculine) round it, with MS. descriptions of the colours, 1 p. 8vo; Miscellaneous Notes, etc. on 25 pp. (one leaf containing on the reverse the beginning of the draft of a letter: "Mr. Aubrey: I understand you have a letter from Mr. Lucas for me. Pray forbear to send me anything more of that nature") ALL AUTOGRAPH <span style="float: right;">sm. 4to, etc.</span>

Location	Description
289. Operations MS 417	OPERATIONS. AN IMPORTANT COLLECTION OF PAPERS [in Latin] headed: "OPERATIONUM ORDO"; "MATERIÆ MINERALIS PRAEPARATIO PRIMO ET CONVERSIO IN AQUAM"; "EXTRACTIO ET RECTIFICATIO SPIRITUS"; "EXTRACTIO ET RECTIFICATIO ANIMÆ ET CALCINATIO CORPORIS"; "REDUCTIO"; <i>about 20,000 words, 63 pp., some pp. containing numerous marginal references, and many pp. much corrected, AUTOGRAPH folio</i>
290. Alchemical Writers MS 418	ALCHEMICAL WRITERS. A LIST OF 113 WRITERS ON ALCHEMY, arranged under nationalities, 2 pp.; List of Books, with shelf marks (perhaps in Trinity Library), 2 pp. BOTH AUTOGRAPH <i>sm. 4to</i>
291. Alchemical Writers MS 419	ALCHEMICAL WRITERS. "OF CHEMICAL AUTHORS AND THEIR WRITINGS," [an Alphabetical List of about 120 writers on Alchemy, with comments on the works of the more important] <i>on 7 pp. AUTOGRAPH sm. 4to</i> * Of great interest as showing Newton's wide acquaintance with the literature of Alchemy.
292. Praxis #420	PRAXIS [A TREATISE IN FIVE CHAPTERS with the following headings: "Cap 1. De Materie Spermaticis"; "Chap. 2. De materia prima"; "Chap. 3. De Sulphure Phorum"; "Cap. 4. De agente prima"; "Chap. 5. Praxis", in English] WITH VERY NUMEROUS ALTERATIONS AND RE-WRITINGS, <i>about 5500 words, 26 pp., in a wrapper of which 2 pp. contain notes on the derivation of the names and symbols of the metals from the Egyptian Gods, the Planets, etc., ALL AUTOGRAPH sm. 4to</i>
293. Fermentation MS 421	FERMENTATION. Notes on Fermentation, etc. [in Latin] <i>about 800 words, 3 pp. the first page containing the beginning of the draft of a letter; Miscellaneous Notes [in Latin] about 1200 words, 4 pp.</i>
294. Henricus Sextus MS 422	"HENRICUS SEXTUS" [in Latin, apparently a University or College Declamation] <i>4 pp. folio, AUTOGRAPH</i>
295. Notes out of ye Diary MS 423	NOTES OUT OF YE DIARY OF YE PARLIAMENT, 1660, <i>about 300 words, on 1 p. AUTOGRAPH folio</i>

Location	Description
296. Draft of a Testimonial MS 424	<p>NEWTON (SIR ISAAC) DRAFT OF A TESTIMONIAL IN FAVOUR OF EDWARD PAGET as "a person fit to be entrusted with the charge of teaching Navigation to the Boys of the Kings late foundation" [Christ's Hospital], 1 p. folio, signed. "Is. Newton Prof. Math. Lucas." HOLOGRAPH <i>Cambridge, Apr. 3rd, 1682</i></p> <p>** Printed as a letter from Newton to John Flamsteed in T. L. More's <i>Isaac Newton</i>, 1934, p. 242. Paget has his own small title to fame as the man who carried the demonstration of the Law of Gravitation from Newton in Cambridge to Halley in London in Nov. 1684.</p>
297. A note to Mr John Grigsby MS 425	<p>[A note] To Mr. John Grigsby, Accomptant General to the South Sea Comp. 1st Sept 1713. [signed] Isaac Newton. Small 8vo. 1 leaf, reverse blank (18cm). About 60 words. Autograph 754 in Thorpe's catalogue, 1833. Lot 702 in Sotheby sale, March 1939, of the Hartwell Papers.</p>
298. Note for £100 lent to ... MS 426	<p>Receipts for gifts made by Newton . . . £100 lent to Thomas Ayscough with remission of the debt in Newton's hand, 3 Oct. 1720 - 16 Mar. 1722/3.</p>
299. Autograph letter signed to Robert Hooke MS 427	<p>Autograph letter, signed to Robert Hooke, the experimental philosopher, dated Cambridge Jun 8. 1678. 4to, 4pp, 2pp blank (19.2cm), 119 words.</p>
300. Autograph letter signed to Thomas Mason MS 428	<p>Autograph letter, signed to Thomas Mason, Rector of Colsterworth near Post Witham in Lincolnshire. 1/2p, 4to. London, 10 May 1726. From Sotheby's, 1941.</p>
301. Sir Isaac Newton's Representation of the Gold, and Silver Coin MS 429	<p>Sir Isaac Newton's Representation of the Gold, and Silver Coin, upon the Lowering Guineas to 21 shi's An: 1717. Folio. 6 1/3pp (1p blank), 35cm. Autograph signed. Re-bound in paper boards.</p>

Location	Description
302. Memorandum MS 430	Newton Memorandum. On vellum, 1 leaf, reverse blank (9 x 27.5 cm) About 120 words. Autograph. Relating to the prosecution of an offender for clipping current coin. Inscribed in pencil: "From collection of Frank Gregory". Sotheby's, Dec. 1858.
303. Document MS 431	Newton. A document on vellum, dated 27th August 1699, and signed by Newton in his capacity as a Middlesex magistrate. 1 leaf, reverse blank (8 x 35.8 cm). A summons for Thomas Crawford . . . "upon suspicion of his Counterfeiting the Current Coyne of this Kingdom," etc.
304. Receipt MS 432	Newton. Receipt. Folio. 4pp. 2pp blank (29.3 cm). Unbound. From Mint Papers.
305. Draft of a note MS 433	Draft of a Note asking for "of Antimony about sixty pounds of Copper oare 12 or 16 pounds," and other metallic ores, <i>about 200 words, 1 p.</i>
306. Solomon's Temple MS 434	<p>SOLOMON'S TEMPLE. [A TREATISE ON THE TEMPLE OF SOLOMON (in Latin)] PROLEGOMENA AD LEXICI PROPHETICI PARTEM SECUNDUM, IN QUIBUS AGITUR DE FORMA SANCTUARIJ JUDAICI, <i>about 20,000 words, on 84 pp.</i> AUTOGRAPH <i>sm. 4to</i></p> <p>** UNPUBLISHED. Apparently complete, although (7) is omitted in Newton's numbering of the folded sheets. Sheets 6 and 8 follow in accordance with the catch-words, and there is no obvious hiatus in the text. Included with the MS. are four folio pp. of autograph notes, one containing a detailed pen and ink plan of the Temple.</p>
307. Notes on the Chief Rulers or Elders of the Jewish Synagogue MS 435	RELIGION 'OF THE RELIGION OF THE JEWS & CHRISTIANS," a fragmentary draft, <i>about 600 words, on 2 pp. folio</i>
308. Draft of notes on the Athanasian Creed MS 436	Draft of notes on the Athanasian Creed, in Latin. Small 4to. 4pp (19 cm). About 800 words. Autograph, unsigned.
309. Sermon MS 437 [See also 261 and 353]	Sermon on 2 Kings xvii, 15. Small 4to. 4pp. About 900 words. Autograph.

Location	Description
310. Draft of notes on early church rites MS 438	Newton. Draft of notes on Early Church rites and the meaning of the Creed. Small 4to. 4pp, 18.5 cm. Autograph, unsigned.
311. Drafts of pedigree MS 439, 440, 441	Drafts of Newton pedigree. Three separate leaves. Autograph.
312. Notes in Latin MS 704	Notes in Latin. 1/3p, small 4to. About fifteen lines in Newton's cramped hand beginning "Basilus M. fit Presbiter Caesariensis Anno 362 Baron." The references in these notes are to the "Annales ecclesiastica" of Caesar Baronius and concern St Basil of Amcyra.
313. Autograph manuscript MS 725	GOLD. "EXPERIM <sup>TS</sup> . OF REFINING GOLD W <sup>TH</sup> . ANTIMONY MADE BY DR. JONATHAN GODDARD," <i>about 1500 words, 4 pp.</i> ;
314. Holograph manuscript MS 737	Newton. Holograph manuscript fragment on "Divergences of Time". Probably written about 1699. Possibly connected with Newton's intended Calendar reform. From the Portsmouth Papers.
315. Miscellanea MS 747	RAYMUNDUS. [NOTES ON EXPERIMENTS out of Raymundus, the "Theatrum Chymicum," etc.] <i>headed "MISCELLANEA," about 1200 words, 4 pp.</i>
316. Holograph manuscript MS 919	Newton's closely figured calculations of time variations in various cities of Europe. 1p, folio, 32 lines in four columns.
317. Manuscript draft MS 1000	NEWTON (SIR ISAAC) AUTOGRAPH DRAFT OF A LETTER ( <i>unsigned</i> ), TO AN UNNAMED PERSON, <i>closely written on 2½ pp. folio (small hole destroying a few letters)</i> <i>Cambridge, 11 Jan. 1677/8</i>

\* A long letter concerning his tenant at Woolsthorpe, a Mr.

Location	Description
	<p>Storer, with whom he had had a lawsuit in order to compel him to scour the drains, repair the thatch, and the walls and palings of the swine-cot and the cow-house, etc., according to the terms of his lease. This letter gives a full account of the trouble, and ends: "I thank you for undertaking y<sup>e</sup> office of an arbitrator, and y<sup>t</sup> you may inherit y<sup>e</sup> blessing promised to peace makers is ye hearty wish of ——"</p> <p><i>Printed in Brewster, II. 546-548</i></p>
318. Autograph manuscript MS 1029	Autographed manuscript, c. 500 words, in Latin. Notes on Chronology.
319. Newton manuscript MS 1030	Newton manuscript. Calculations: 1p folio (2 lines), 1p small 4to, 2/3 full, 1 tiny fragment.
<b>Boston Medical Library</b> (Edwin Ohl Collection, Francis A. Countway Library of Medicine)	<p><b>REGIMENS.</b> THE REGIMENS DESCRIBED, w<sup>th</sup> y<sup>e</sup> time &amp; signes [in English] <i>about 2000 words, 6 pp.</i> AUTOGRAPH <i>sm. 4to</i></p> <p><b>PROPORTIONS.</b> "OF PROPORTIONS" [in Latin] <i>about 1200 words, 4 pp.</i> AUTOGRAPH <i>sm. 4to</i></p> <p><b>ELEMENTS.</b> "DE PRIMIS MATERIALIBUS PRINCIPIIS [et eorum præparatione] <i>about 1000 words,</i> AUTOGRAPH <i>sm. 4to</i></p> <p><b>AXIOMS.</b> "THE SERIES OF THE WORK IN AXIOMS [43] CLUEPLY OF Y<sup>e</sup> WORK IN COMMON GOLD," <i>about 800 words, 4 pp.</i> AUTOGRAPH <i>sm. 4to</i></p> <p><b>RIPLEY.</b> "CONCLUSIONE EX RIPLEI OPERIBUS DEDUCTAE"; "PRAEPARATIO SALIS EX RIPLEI OPERIBUS," etc., <i>about 2000 words, 11 pp.</i> AUTOGRAPH <i>sm. 4to</i></p> <p><b>ALCAHEST.</b> "OF THE ALCAHEST" [in English, except for quotations], <i>about 3000 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i></p>

Location	Description
	<p>PHILOSOPHER'S STONE. "DE MEDENDI ARTE, ET USU LAPIDIS" [partly in English] <i>about 2000 words, 6 pp.</i> AUTOGRAPH <i>sm. 4to</i></p> <p>** These 7 items enclosed in a wrapper bearing a list of contents in Newton's hand.</p>

321. On the distillation of  
Salt

On distillation of Salt. 2pp.

322. On the amalgamation of  
tin and mercury

Notes on the amalgamation of Tin & Mercury

### Pierpont Morgan Library

323. Notes on astronomical  
observations

Notes on astronomical observations, including Halley's observation  
of a comet; eight lines in Latin. Written on an unused portion of a  
letter; unsigned but bearing a note in a late and different hand, "Sr.  
I. Newton's handwriting".

324. Autograph Notes (Acc.  
No. MA 2536)

Autograph notes concerning the chronology of ancient kingdoms  
[n.p., c. 1706?]. Written on the blank spaces in a letter to Newton  
from Marcus Tollet, 21 October 1706, asking him to present a boy  
to the Newchappel Free School. Gift of Herman W. Liebert, 1907.

325. Nine manuscripts mss  
on the subject of coinage and  
paper money (Acc. No. MA  
317)

(1) "A Scheme of a commission for prosecuting counterfeiters and  
diminishers of the current coyn". Text printed on pp 31-34 of D.E.  
Smith, "Two unpublished documents of Sir Isaac Newton" in  
*Isaac Newton. A Memorial Volume*, issued by the Mathematical  
Association. 1927. 2pp. (2) "An Account of all the gold and silver  
monies coyned by the Mill & Press". Signed "Is. Newton". 1p.  
(3) Untitled page setting forth the specification for determining  
lawful coin and for the re-coining of that which is unlawful. 1p. (4)  
The course of Exchange between London and Paris taken weekly.  
24 Sept. 1700 to 9 May 1701. 2pp. (5) Critique of "Mr Polinfins  
(?) Discourse about Paper-credit". 7pp. (6) Account of the Mint

Location	Description
326. Sir Isaac Newton Notebook 1659 (Acc. No. MA 318)	<p>and its Officers "delivered to the . . . House of Commons". 3pp. (7) "Observations on Mr. P's Reply". 15pp. (8) "Silver monies coined Dec. 31, 1689-Sept. 30, 1695". 1p. (9) "Goldmonies coined in The Tower. Dec. 31 1689-Sept. 30, 1695". 1p. Fragmentary vellum document requiring one John Deacon (?) to appear before the court to answer charges of counterfeiting. Signed "Is. Newton"</p> <p>Pocket memorandum book for 1655-62, in autograph with Newton's signature on the first leaf, date 1659. 58 fol. 24mo.</p>
<b>Stanford University Library</b>	
327. Alchemical Writers (M132/2/3)	<p>ALCHEMICAL WRITERS. LIST OF AUTHORS AND BOOKS ON ALCHEMY, including a list of 27 items headed: "Desiderantur opera Lullii sequentia," on 8 pp. 4to and folio, enclosed in a folded sheet containing geometrical diagrams, AUTOGRAPH</p>
328. Alchemical Writers (M132/2/4)	<p>ALCHEMICAL WRITERS. "DE SCRIPTORIBUS CHEMICIS" [a Bibliography containing titles and particulars of over 80 Printed Books, and several MSS.] 5 pp. AUTOGRAPH sm. 4to</p>
329. Lucatello's Balsam (M132/2/5)	<p>LUCATELLO'S BALSAM. "To make Lucatello's Balsome [a Recipe] 1 p. sm. 4to, AUTOGRAPH</p> <p>* Nicholas Wickens, in his letter to Conduitt about Newton in his early Cambridge days (Lot 221) says:</p> <p>"He sometimes suspected himself to be inclining to a consumption, and the medicine he made use of was the Leucatello's Balsam, which, when he had composed himself, he would now and then melt in quantity about a quarter of a pint, and so drink it "</p> <p>According to Newton, this nauseous mixture is a remedy for "Measell Plague or Small Pox ye biting of a mad dog," and various other misfortunes.</p>

Location	Description
330. Philalethes, Notes on (M132/2/6)	PHILALETHES. Notes out of Philalethes, beginning: "Mercury vulgar is prepared for conjunction with sol vulgar by frequent cohobations of Reg of [Iron], 2 pp. AUTOGRAPH <i>sm. 4to</i>
331. Philosophical and theological arguments (M132/2/7)	Philosophical and theological arguments concerning the Protestant and Catholic Churches, AMs, 16pp, n.d., plus fragment.
332. Raymundus (M132/2/8)	RAYMUNDUS. Ex Raymundi libro secretorum, seu de Quintessentiis, <i>about 2000 words, 5 pp.</i> and Notes [in Latin] on the separation of elements under Saturn and Jupiter, <i>about 3000 words, 7 pp.</i> ALL AUTOGRAPH <i>sm. 4to</i>
333. Theatrum Astronomiae Terrestris (M132/2/9)	"THEATRUM ASTRONOMIÆ TERRESTRIS" [and y <sup>e</sup> conversion of one element into another in y <sup>e</sup> composition of y <sup>e</sup> stone," etc. <i>in English and Latin</i> ] <i>about 1000 words, with 2 pen-and-ink diagrams,</i> AUTOGRAPH <i>folio</i>
334. Notes [on church history, celibacy, etc.] (M132/2/10)	Notes [on church history, celibacy and so forth], AMs fragment, 2pp, n.d.
335. Notes [on motion in a circle] (M132/2/11)	NEWTON. Latin Phrases used in the description of Astronomical Phenomena, with occasional translations into English, <i>about 200 words on 1 p. folio</i> AUTOGRAPH
336. Notes [on planets] (M132/2/12)	Notes [on planets], AMs fragment, 2pp, n.d.

Location	Description
337. Miscellaneous documents (M132/3/1)	<p>NEWTON. DRAFT OF A LETTER [in Latin] to an un-named person acknowledging the receipt of two books, and SENDING A COPY OF THE "OPTICS"</p> <p>"Hyeme praeterita librum de rebus Opticis &amp; origine colorum olim scriptum in lucem edidi cujus exemplar ad te mitto. Utinam tanto Judici non displiceant."</p> <p><math>\frac{1}{2}</math> p. 4to AUTOGRAPH VII Kal. Jun [26 May] 1704</p> <p>Short holograph quotations from two of Newton's scientific works, n.d.</p> <p>Financial document, 2pp. 19 May 1718.</p> <p>Financial document, 1p. 24 Dec. 1718.</p> <p>To Mr. MacLaurin, ALS and typescript. 21 Aug. 1725.</p>
338. Ms notes in copy of Geber, <i>Gebri Arabis Chimia</i> (1688) (Barchas Collection QD 25 G367)	MS notes said to be in Newton's hand, interleaved in copy of Geber, <i>Gebri Arabis Chimia</i> (1668).
<b>Yale Medical Library</b>	
339. Synders (John de Monte) <i>The Metamorphosis of the Planets</i>	<p>SNYDERS (JOHN DE MONTE) THE METAMORPHOSIS OF THE PLANETS, THAT IS A WONDERFULL TRANSMUTATION OF THE PLANETS AND METALLIQE FORMES INTO THEIR FIRST ESSENCE (with an annexed Process), being a discovery of the three keys pertinent to the obtaining of y<sup>e</sup> three Principles. Likewise in what manner the most generall universall is to be obtained is in many places of this treatise described by John de Monte Snyder, <i>about 22,000 words, 62 pp. with beautifully written title containing a pen-and-ink drawing on reverse</i>, AUTOGRAPH TRANSCRIPT; NOTES BY NEWTON ON THE BOOK, 4 pp., AUTOGRAPH (see <i>Brewster</i>, II. 371) sm. 4to</p>
340. Index Chemicus	INDEX CHEMICUS ["Ablutio" to "Aqua Fætida" only] <i>about 2000 words, 5 pp.</i> AUTOGRAPH folio

Location	Description
<b>REEL FORTY-THREE</b>	
<b>University of Kentucky</b>	
341. Miscellaneous notes	Newton manuscript. 4pp, small folio, in Latin. Notes on the mensuration of monuments, probably undertaken in connection with his book <i>The chronology of the ancient kingdoms amended</i> . About 1200 words.
<b>Massachusetts Institute of Technology</b>	
342. The Book of Nicholas Flamel	FLAMMEL (N.) THE BOOK OF NICHOLAS FLAMEL containing the explication of the Hieroglyphical Figures w <sup>ch</sup> he caused to be put in the Church of the SS. Innocents at Paris, <i>about 15,000 words, 61 pp.</i> AUTOGRAPH TRANSCRIPT <i>sm. 4to</i>
<b>Smithsonian Institution (Burndy Collection)</b>	
343. Chemical Notes NMAHRB Mss 1007 B (Burndy 12)	Chemical notes. Chemical recipe using gold and silver. Also a second recipe beginning in Latin ("Materia sublimatur") on distillation, in which Newton cites Basilius. 2 items. Burndy MS no. 12.
344. Chemistry transcriptions NMAHRB Mss 1023 B (Burndy 9)	[VILLA NOVA (ARNOLDUS DE)] "EX ROSARII ABBREVIATI TRACT. QUINQ."—"EX PETRI BONI LOMBARDI FERRARIENSIS MARGARITA PRETIOSA"—"EX DIONYSII ZACHARIUS OPUSCULO"—"OUT OF PHILALETHE'S WORK CONCERNING THE EXTRACTION OF [SULPHUR] OUT OF [MERCURY]"; COMMENTARY ON RIPLEY, etc. ( <i>partly in English</i> )—"EX CLANGORE BUCEINAE"; <i>about 24,000 words, on 61 pp., preceded by 5 pp. prepared as an index, AUTOGRAPH (the remainder of the volume blank), contemporary calf folio</i>
* Note on fly-leaf: "Sep. 25 1727. Not fit to be printed. Tho. Pellett."	

Location	Description
345. Correspondence - ALS to Gilbert Clerke [Clarke] NMAHRB Mss 1008 B (Burndy 11)	<p>CLARKE (GILBERT) FOUR A.L.S. TO NEWTON CONCERNING DIFFICULTIES IN THE "PRINCIPIA," 4½ pp. sm. 4to and 5½ pp. folio (one letter stained)  <i>Stamford, 26 Sep., 10 Oct., 7 Nov., 21 Nov. 1687</i></p> <p>* The first letter contains also an AUTOGRAPH DRAFT, SIGNED, OF NEWTON'S REPLY, giving a detailed explanation of the 17th proposition:</p> <p>"I do not wonder that in reading a hard Book you meet wth some scruples and hope ye removal of those you propound may help you to understand it more easily I thank you for signifying your doubts to me in these things because they might have proved my mistakes"</p>
346. Ex Fabri hydrographo spagyrico: ... NMAHRB Mss 1024 B (Burndy 13)	<p>"FABRI HYDROGRAPHO SPAGYRICO" [NOTES AND ABSTRACTS], about 1500 words, 4 pp. AUTOGRAPH folio</p>
347. Notanda chymica NMAHRB Mss 1028 B (Burndy 14)	<p>NOTANDA CHYMICA" [Notes, mostly on Maier, ending: "Populi Americani in Peru mollificare norant ut instar ceræ digitis tractetur," about 1500 words, 4 pp. AUTOGRAPH sm. 4to</p>
348. Papers. 5 items. NMAHRB Mss 1070 A	<p>A MS of 42pp on alchemy, drawing from several works, especially those of Lull (Raymond Lull) and Ripley; one "opus" is on the "Regimen decoctionis"; in Latin. 3 ALS (1700, 1718, n.d.) and a transcript of Bernoulli's letter (1717) to Montmort about Newton and Leibniz, annotated by Newton, in English. 5 items.</p>
349. The Regimen NMAHRB Mss 1032 B (Burndy 15)	<p>REGIMEN. NOTES ON THE REGIMEN, three sets, about 5300 words, 18 pp. (8 pp. badly discoloured), AUTOGRAPH sm. 4to</p>
350. Separatio elementorum NMAHRB Mss 1041 B (Burndy 10)	<p>Operations. "Reductio et Sublimatio"; "Separatio Elementorum". 7pp. Folio. Autograph.</p>

Location	Description
351. Vegetation of metals NMAHRB Mss 1031 B (Burndy 16)	[VEGETATION OF METALS : draft of a Short Treatise, <i>incomplete</i> (in English)] <i>about 4500 words, 12 pp.</i> AUTOGRAPH, WITH MANY CORRECTIONS AND ALTERATIONS <i>sm. 4to</i>
<b>Harry Ransom HRC, University of Texas at Austin</b>	
352. Dickinson, Edmund: Epistola (HRC 129)	DICKENSON (EDMUND) Ex EPIST. EDMUNDI DICKENSON AND THEODORUM MUNDANUM. Dat Londini prid. Cal. Aug. 1683 edit 1686, <i>about 2500 words, 8 pp.</i> AUTOGRAPH <i>sm. 4to</i>
353. Sermon (HRC 130) [See also 261 and 309]	Sermon on 2 Kings xvii, 15, 16. 8pp. Small 4to. About 1,300 words. Autograph.
354. "John Newton of Westby ...." (HRC 131)	Autograph genealogical chart signed twice by Newton. 1p, 12mo. Autograph statement signed, St James, November, 1705. 1p, 4to.
355. Latin Notes on the Temple of Solomon (HRC 132)	Latin notes on the Temple of Solomon and a comparison of measurement systems.
<b>University Wisconsin- Madison</b>	
356. Eiraeneus Philalethes, <i>Secrets Reveal'd: or, an Open Entrance to the Shut- Palace of the King</i>	NEWTON. SECRETS REVEAL'D: OR, AN OPEN ENTRANCE TO THE SHUT-PALACE OF THE KING: containing the greatest Treasure in Chemistry . . . composed By a most famous English-man styling himself Anonymus, or Eyræneus Philaletha Cosmopolita . . . Published for the Benefit of all English-men, by W. C. Esq. [ <i>i.e.</i> William Cooper] CONTAINING CORRECTIONS AND ADDITIONS IN THE HAND OF NEWTON ON ALMOST EVERY PAGE, SOME COMPLETELY FILLING THE MARGINS, <i>with Newton's press mark "A/n θ" on inner cover, and autograph inscription on fly leaf: "cost dg Mr. Story," contemporary sheepskin</i> <i>sm. 8vo W. Godbid for W. Cooper, 1669</i>

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**Location**

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**Description**

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\*\* Newton's library was sold by his administrators, within three months of his death, to John Huggins for £300. At the end of Huggins's List (now in the British Museum) five "Books that has notes of Sir Isaac Newton" are specially mentioned by title as having been withheld from the sale. This copy of "Secrets Reveal'd" is one of the five. The reference on the fly-leaf to "Mr. Story" is perhaps of some interest, because "Miss Storey" was the name of the girl to whom Newton was engaged before he went up to Cambridge. She was the step-daughter of an apothecary named Clark with whom Newton lodged while attending school at Grantham, and it was through Clark that he first became interested in chemistry.

## INDEX TO THE SOTHEBY AND PORTSMOUTH CATALOGUES

This index lists all those items in Sotheby's 1936 *Catalogue of the Newton Papers sold by order of the Viscount Lymington* that are included in the microfilm edition. The items are listed in Sotheby's lot number order. For each item the present location of the manuscript is given followed by its number in this *Catalogue*.

Following the listing of items from the Sotheby's sale is a list of those items from the 1888 *Catalogue of the Portsmouth Collection* that now make up the Newton collection in the University Library, Cambridge. These manuscripts and papers are listed in the numerical order assigned to them in the *Portsmouth catalogue*. For each item the Cambridge manuscript reference is given followed by the number assigned to the item in this *Catalogue*.

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