

*BENJAMIN CHANDLEE, JUNIOR,
THIRD QUAKER CLOCKMAKER*

The fifth child of Benjamin Chandlee was Benjamin, Junior, born 1st month 22nd, 1723. He lived on the Nottingham Lot, "Randalls Prospect," until his father sold the property to James Trimble in 1741; then with his two older brothers, Cottey and William, he moved to the fifty-nine acres, including the "Common," which Abel Cottey bought in 1703.

All three brothers no doubt helped their father make clocks; but Benjamin, Junior, probably because he was the most interested, succeeded his father and became an expert craftsman.

About 1770, the firm of Chandlee and Sons was formed in Nottingham, and many articles were made out of bell metal, brass and iron. More clocks have been found made by Benjamin Chandlee, Junior, than by any other of the "SIX QUAKER CLOCKMAKERS." The unusual story of the four sons of the firm (three of whom are known clockmakers) is told in later chapters.

Chester County tax lists for East Nottingham include assessments against Benjamin Chandlee, Junior, of 1s - 6d for the year 1740 to 1748; and in 1749 and 1750 taxes were increased to 4s - 6d.¹

A petition was presented to the Monthly Meeting held at East Nottingham:

17th^{da} of 12^{mo} [February] 1749/50: Benjamin Chandlee requests a Certificate to Newark Monthly for marriage with Mary Fallwell, daughter of Goldsmith Edward

¹ Tax lists for East Nottingham Township in Chester County Court House, West Chester, Pa .

Fallwell of Wilmington. Jeremiah Brown and Messer Brown are therefore appointed to make enquiry into his Conversation and clearness and prepare a Certificate against next Monthly Meeting if nothing Obstructs.²

The Friends appointed to enquire and prepare a Certificate for Benjamin Chandlee having found nothing to obstruct have brought one which being approved of is signed as usual recommending him to the care of Friends of Newark Monthly Meeting in his undertaking in marriage.³

Kennett Meeting was under the supervision of Newark, Delaware, Monthly Meeting. The following minutes are entered in Kennett records:

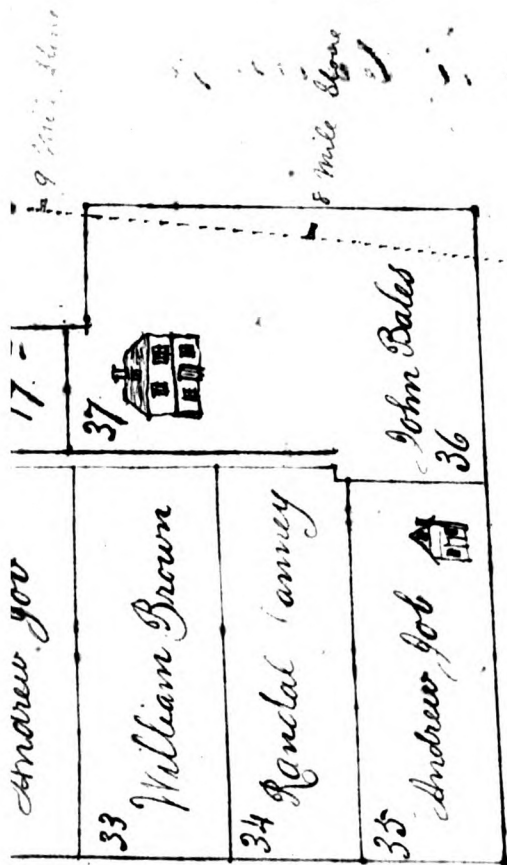
7 - 2 - 1749/50 Benjamin Chandlee of Nottingham Mtg. & Mary Folwell of this Meeting having appeared at two meetings & he having produced a certificate & his mother & her fathers consent. Joseph Hewes & Joshua Littler to oversee.⁴ Whereas Benjamin Chandlee of Nottingham in the County of Chester in the Province of Pensilvania and Mary ffolwell of the Burrough of Willmington in the County of New Castle, upon Delaware, Haveing Declared their Intentions of Marriage with each other before the Monthly Meetings of the People Called Quakers at Willmington afforesaid and at Kennett in the County of Chester, According to the good order used Amongst them, and haveing Consent of Parents, their proposals of Marriage was allowed of by the Said Meetings—Now these are to Certifie Whom it May Consern, That for the full accomplishing their Said Intentions this Nineteenth day of the Second Month in the year of our Lord One thousand Seven hundred & fifty; They the said Benjamin Chandlee & Mary Folwell appeared in a Publick Meeting of the Said People at Wilmington afforesd And the Said Benjamin Chandlee takeing the said Mary Folwell by the hand, did in a Solemn Manner Openly declare that he took her the Said Mary Folwell to be his wife, promising With the Lords Assistance to be unto her a Loveing & faithful husband Until Death Should Separate them, And then & there in the Same Assembly the Said Mary Folwell did likewise declare that She took him the Said Benjamin Chandlee to be her Husband in Like Manner promising to be unto him a Loveing & Faithfull Wife untill Death Should Separate them, And Moreover they the Said Benjamin Chandlee & Mary ffolwell (She according to ye Custom of Marriage assumeing the name of her husband) as further Confirmation thereof did then & there to these presents Set their hands, And we who

² Nottingham Monthly Meeting Minutes of Friends, 1730-1756, Book A, page 308, Maryland Historical Society, Baltimore, Md.

³ *Ibid*, page 309.

⁴ Minutes of Newark Monthly Meeting, Page 72, Library of The Genealogical Society of Pennsylvania.

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A Draught of the Township of Nottingham according to a Survey made thereof in the 9th Month AD 1702 The particular Returns & Draughts of each Lot or Tract being in the Surveyor General's Office by which several Draughts one was originally drawn by J Taylor S.G. exactly answering their Numbers and Proportions Copy'd from the original 6th Mo 1777

Wm Churchman

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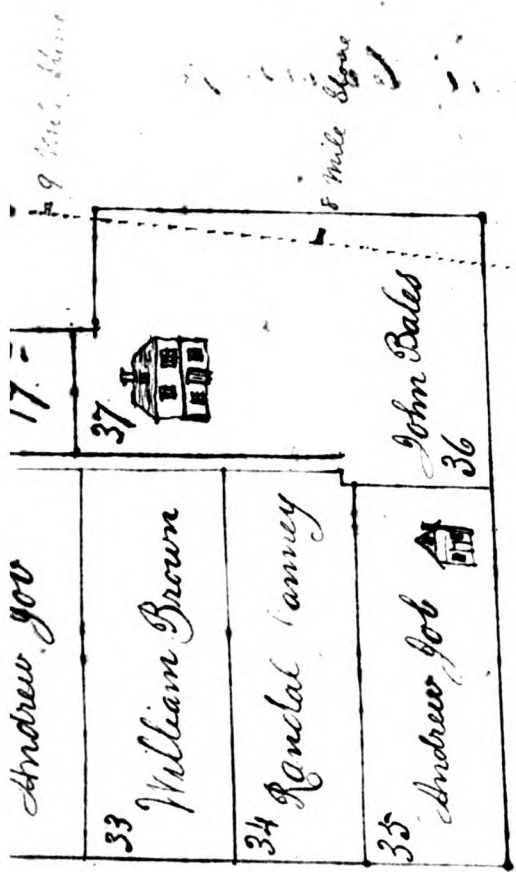
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 Copy'd from the original 6th Mo 1777
 J. Wood Churchman

hereunto Subscribe our Names being present at the Solemnization of the Said Marriage and Subscription as Witnesses thereunto Sett our hands the day and year Above written—

Jno Richardson	Elizabeth Shipley	Rachel Darlington	Benjamin Chandlee ⁵
Ellis Lewis			Mary Chandlee
William Shipley	Mary Lewis	Jane Pugh	Goldsmith Edward ffolwell
Zac'ah Ferris	Hannah Gilpin	Elizabeth Hough	Danes Denis ffolwell
Joshua Way	Elizabeth Darlington	Mary Stapler	Abel Chandlee
Josh'a Littler	Mary Ferris	Elizabeth Lewis	Cottey Chandlee
	Esther White	Lydia Osborne	Joseph ffolwell
			Elizabeth ffolwell
Mercer Brown			
Edward Oldham	Hannah Osborne	Hannah West	
Jer: Brown jur	Rachel Stapler	Sarah Lawman	
Jno Daye	Margaret Lea		
John Pugh	Deborah ffisher		
George Churchman	Alice Buckingham		
Samuel England	Mary Gilpin		
Abraham Darlington	Elizabeth Way		
	Hannah Harlan		
Abraham Darlington jur	Martha Roberts		
Benja Hewes	Elizabeth Knowles		
James Lea	Sarah Shipley		
Samuel Atkinson	Rebekah Kirk		
Jno Stapler	Elizabeth Elgar		
Peter Osburn			
Francis Hinckley			

Benjamin Chandlee in 1752 bought a property in Wilmington from the administrators of Goldsmith Edward Folwell, his father-in-law. An interesting legal procedure of this property is given below:

To the Honorable, the General Assembly of the Delaware state, now sitting at Dover. The Petition of Benjamin Chandlee of the township of East Nottingham, in the County of Cecil, and State of Maryland, formerly the County of Chester & province of Pennsylvania, Clock-maker most respectfully showeth, that some time in or about the Year of our Lord, one thousand seven hundred and fifty two your Petitioner purchased from Dennis Folwell, widow and Administratrix and Joseph Folwell, Administrator of all and singular the goods and Chattels, rights and credits of Goldsmith Edward Folwell, Late of the Borough of Wilmington, in the County of New-

⁵ Marriage Certificates, Kennett and Newark Monthly Meeting Records, page 193, Friends Historical Society Library, Swarthmore, Pa.

castle, and State of Delaware surveyor deceased; at a public vendue of the Premises, to wit, a Certain Lot or piece of Land, situate Lying and being, in the afs:d Borough of Wilmington; being bounded to the West by Tatnall Street, to the North by Kent Street, to the East by Orange Street, and to the South by broad Street. And Your Petitioner further sets forth, that the Consideration, or Purchase Money was in due time paid, and satisfied and a deed Made, by the said Administrator to Your Petitioner, his heirs and assigns forever. Which said deed was carried away, by part of the British Army, on their march to Philadelphia, in the Year of our Lord, one thousand seven hundred & seventy seven; together with the Public Record thereof, and neither of them has since been recovered.

Your Petitioner further sets forth, that the Administratrix and Administrator afsd are also deceased and no person Living who hath power to Confirm to him this Title; he therefore prays that Your Honorable House will take his Case into Your Consideration and grant him such relief in the premises, as you in your wisdom shall think fit and proper; and Your Petitioner as in duty Bound will ever pray.

Benjamin Chandlee⁶

East Nottingham }
January 12th 1788 }

This is to certify, to the Honorable General assembly of the state of Delaware, that we the subscribers of the City of Philadelphia, heirs of Goldsmith Edward Folwell, Deceased of the Borough of Wilmington, that we Received the above notice of Benjamin Chandlee of Cecil county and state of maryland this 19th day of April 1788 and have no objections to the said Bill being pap'd in a Law, as witness our Hands this Day and Year above written

Witness Present
John Chandlee
Robert Roberts

Elizabeth Folwell
John Folwell
Richard Folwell
Samuel Folwell
Rebecca Folwell

This is to certify, the honorable general assembly of the state of delaware, that I the subscriber of East nottingham cecil county & state of Maryland, heir of Goldsmith Edward Folwell, Deceas'd of the borough of Wilmington, that I received the above notice of Benjamin Chandlee of cecil county and state of maryland, this 11th day of may 1788 and have no objection to the said bill being paped in a Law, as witness my hand this Day and year above Written.

Witness Present
John Chandlee

Susannah Folwell

⁶ Recorded in the land office of the Western Shore, Annapolis, Md., liber J. C., no. E, folio 586.

The following advertisement was placed in the *Pennsylvania Gazette*:

Whereas, about the year 1752, Dennis Folwell, and Joseph Folwell, administrators of Goldsmith Edward Folwell, Late of the borough of Wilmington, conveyed to the subscriber by deed a certain lot of land, in the said borough, bounded by broad street, Tatnall street, Kent street, and Orange street, and contains one acre and 140 perches, which said deed with the record thereof were captured by the british Army in the late war, and have not since been restored; and whereas the subscriber on his petition to the general assembly of the state of delaware at their last sessions, had leave given him to bring in a bill to supply the loss of the said deed; now this is therefor to give notice that a bill for the purpose aforesaid will be accordingly presented to the said general assembly, at their next sitting of which all persons concerned are desired to take notice.

Benjamin Chandlee⁷

A bill entitled "An Act to Supply Loss of Deed . . ." was approved by the governor of the State of Delaware on June 11, 1788.⁸

A King's tax of £ 1 - 10 - 0 was collected during the years 1763 to 1765; this assessment undoubtedly prompted Benjamin Chandlee, Junior, to make a wood cut representing "Taxation without Representation," which was exhibited in 1901 during the Bi-Centennial celebration of the founding of Nottingham.⁹ It was in 1765 that he was first taxed as a clockmaker.¹

The deed granted by John Penn in 1765 (see Chapter III) refers to Benjamin Chandlee, Junior, as one of the trustees representing the Nottingham Meeting.

When the Mason and Dixon Line was finally settled in 1767, most of the property of Benjamin Chandlee, Junior, was south of the Line. The part remaining in Pennsylvania was taxed through 1775, when he paid 10s - 3d for 100 acres and buildings, two horses, three cows and four sheep.¹

⁷ *Pennsylvania Gazette*, April 23, 1788. Record 3021, 1st page, 1st Cab. Library Company of Philadelphia, Ridgway Branch.

⁸ The Public Archives Commission, Dover, Delaware.

⁹ Exhibitions listed in *The Oxford Press*, September 1901, Oxford, Pa.

Benjamin Chandlee, Junior, owned many acres of land: one hundred forty acres in Kishacoquilla Valley, Cumberland County, Pennsylvania, was surveyed to him on September 2, 1762. He also purchased land from Crustis Meadkiff and Mary, his wife, on July 24, 1772, it being a part of a tract granted to Daniel Brown under the great seal of the Province of Pennsylvania on February 3, 1759. He also owned land, originally in Pennsylvania, later in Cecil County, Maryland, for which the Province of Maryland gave him deeds on November 20, 1789. These tracts were Chandlee's Mansion, thirty-two acres, Chandlee Reserve, fourteen acres, Chandlee Purchase, fifty-six acres, and also twelve acres called Mineral Springs. On August 9, 1786, he purchased a lot between Second and Third Streets in Wilmington, Delaware, from Caleb Way and Elizabeth, his wife. This sale was later confirmed by Caleb Way, the son, and Elizabeth, his mother.¹⁰

In 1776, Friends Meetings generally passed resolutions ordering members to free the slaves, and the following minutes written in Brick Meeting House give the procedure:

By Direction of the Monthly Meeting held at East Nottingham the 27th Day of the 4th Month 1776, The following Record is made in this Book of sundry Instruments of Writing which are & may be executed by Friends that are Members of the said Monthly Meeting, discharging, or providing for the Freedom of Certain NEGROES or other Slaves which have been in their Possession.

Benjamin Chandlee's Discharge to a Negroe Woman named Leah & her two children, Randal & Becky. Viz^t Know all Men by these Presents that I Benjamin Chandlee of East Nottingham, late of the County of Chester in Pennsylvania (but now below the Province Line) for divers considerations me thereunto moving have discharged & set free from my Service & do hereby fully & absolutely discharge & set free from me, my Heirs, Executors & Administrators, a certain Negroe Woman named Leah, whom I formerly purchased from James Rigbie of Deer-Creek in Maryland, for a term of years, which Term is not expired by two years & one month wanting one Day from the Date hereof; And I do also hereby fully & absolutely acquit & forever Discharge & set free from the Date hereof, from me my Heirs Executors & Administrators, her two children named Randal & Becky, which were born in my House, in the Time of her the said Leah's Servitude; Delivering them up now as free Children, to her to maintain, or put out, the Boy untill he arrive to the

¹⁰ Land Records, volume 18, folio 8, Cecil County Court House, Elkton, Md.

Age of twenty one Years, and the girl till she is eighteen; which I advise her to, as a proper method both for their future Benefit, & to prevent their being chargeable to any one; And if any thing further, should appear necessary to ascertain her the said Leah's or her said children's ample Freedom, I refer her to the said James Rigbie for that Purpose; And in Testimony of the full Performance of my Part therein, I have hereunto set my Hand & Seal this 11th Day of the 4th month, In the year of our Lord 1776.

Benjaⁿ Chandlee

Signed Sealed & Deliver'd
in the Presence of us
Samuel England
George Churchman

Benjamin Chandlee, securing the Freedom of a Mullatto child neamed Peeny, at 18 years of Age. Viz. I Benjamin Chandlee of East Nottingham late of the County of Chester & Province of Pennsylvania, Clockmaker, do make known by these Presents unto all People whom it may concern that a Certain Mullatto Child which I have named Peeny, who is at this Time Nine years old, one month & four Days, shall, when she arrives to the Age of eighteen years be free from further Service as a Bond Maid, to either me, my heirs, Executors or Administrators as Assigns, which will be on the seventh Day of the third Month, In the Year of our Lord 1785, & that from & after that Time, she shall be released, to have & enjoy her Freedom, to all Intents & Purposes as fully as a white woman; and I do promise & Engage for myself my Heirs, Exers. & Admrs. & Assigns, to use reasonable Endeavours to teach & instruct her the said Peeny, or to cause her to be taught & Instructed in Housewifery, according to the Custom of the Country, & also to learn her to Read, & at the Expiration of the said Term to give her two Suits of Apparel, one whereof shall be new, In Witness, & for the true Performance whereof, I have hereunto set my Hand & Seal this Eleventh Day of the fourth Month Anno Domini 1776. . .

Sealed & Deliver'd
in the Presence of us
Samuel England
George Churchman

Benjaⁿ Chandlee¹¹

Benjamin Chandlee, Junior, sold various properties, and the following extract from land records of Cecil County shows a sale to

¹¹ Photostatic copies of originals, pages 1, 4 and 5, held by Maryland Historical Society, Baltimore, Md.

Sidney George for the sum of one hundred sixty-five pounds, twelve shillings, six pence: '

All that plantation or parcel of land lying in Nottingham, Cecil County, State of Maryland called Spring Garden, beginning at a corner of a Tract of Land called Hughes Endeavor being also the beginning of a Tract of Land called Andulusia. . . containing $66\frac{1}{4}$ acres (this being the same land Benjamin Chandlee bought of the Intendant of Revenue and part of the land formerly known by the Nottingham Lotts) the said Benjamin Chandlee obtained a Pattend from the State of Maryland said Pattend being dated 6 day of November 1790.¹²

The first United States census taken in 1790 contains under East Nottingham Hundred the name of Benjamin Chandlee. He died September 18, 1791, and his wife, Mary, died October 6, 1806. Both were interred in East Nottingham Friends' Graveyard. He died without a will, and the administration accounts of Cecil County, Maryland, have this entry:

Know all men . . . that we Ellis Chandlee, Isaac Chandlee and John Chandlee all of Cecil County, Silversmiths are held . . . this 15th of November, 1791 the condition being that the said Ellis Chandlee shall truly administer the estate of Benj Chandlee Late of Cecil County, deceased.

David Smith, Reg.

Ellis Chandlee
Isaac Chandlee
John Chandlee¹³

The firm of *Chandlee & Sons*¹⁴ had been changed to *Ellis Chandlee & Brothers* the year before the father died.

The account of Benjamin Chandlee Junior's sale contains household items bought by his wife consisting of a looking glass, a chest of drawers, spice box, a Bible, furniture, a side saddle and bell metal cooking pans. His sons bought a variety of similar articles, as well as eleven hogs, one hundred bushels of corn, sixteen bushels of potatoes and some turnips and oats. Various persons purchased thirty sheep and

¹² A state could not grant patents for land. The use of the word probably meant confirmation of deeds for land for which William Penn originally gave patents.

¹³ Volume 5, folio 524, under the name of Benjamin Chandler, Court House, Elkton, Md.

¹⁴ *History of Cecil County, Maryland*, George Johnston, Elkton, Md., 1881, page 158.

eight cows. Here follows a copy of the sale which lists clockmaking equipment:

John Pugh	475 lb. Iron Scraps @/4	9.10
Richd. Brookins	250 Lb. old Iron 62/6 30 Lb Steel 16/3	3.18.9
Ellis Chandlee & Bros.	98 Lb Scrap Brass @ 7 ^d	2.17.2
"	124½ Lb Skillet " 4 ^d	2. 1.6
"	166½ Lb Copper Scraps 5 ^d	3. 9.4½
"	70 Lb old Copper 8 ^d	2. 7.2
"	67 Lb old Bell Metal 4 ^d	1. 2.4
"	46 Lb old Scrap Peuter 8½	1.12.7
"	40 Lb Kettle Brass 15 ^d	2.10.0
"	6 Lb Lead 3/5 3/4 Sheet Brass 8/7½	11.7½
"	Jacob Staff 5/ Bed & Beddg in the store 125/	6.10.0
Jesse Brown	35 Lb Pott Metal	7.4
John Slicer	old Gun Barrel & Stock	5.8½
Ellis Chandlee & Bros	1 Adz	2.6
Cottey Chandlee	1 Small Plane	
James Allen	Sundry Tools	11.3
John White	2 Augers 1/6 412 White Oak Shingles	16.3
" "	460 Chestnut Shingles	13.
David White	Box Iron 1/3 4 pr. Wool Cards 4/7½	5.10
John Hartshorn	Water Level	4.0
Elish Sidwell	Sundry Books	12.1
James Poalk	16 Copy Copper Plate Prints	7.6
Jesse Brown	1 Seiver	2.0
Ellis Chandlee & Bros.	31 Lb. old Iron @ 3 ^d	7.9
John Brown	1 Vize 3/	2.2
Thos. Underhill	Screw Plate & nail Tool	2.2
" "	2 Spy Glasses 2/8 Flaxseed Seive Coffee Pot	4.2
Ellis Chandlee & Bros.	1 Vize 19/6 1 Small Bench Vize 12/6	1. 2.0
"	1 Trimming Lath 2 Hand Lathes	1. 2.6
"	2 Clock Engines Parcel Small Tools	2. 5.0
"	1 Box old Tools Lignun Vite	13.8
"	Corner Cupboard Bench Tools	1. 0.3
"	Mahogany Clock Case Clock unfinished movements	3.10.0
"	1 Quarter repeating clock	17. 1.0
"	1 Clock Movement unfinished	3. 1.0
"	350 feet White Oak Boards	1. 1.0
"	Copper Kettle	5.8
Jesse Brown	Han Seive	1.0

Ellis Chandlee & Bros.	House Table 10 Old Clock Case 9 ^d	10.9
"	Grind Stone	1.14.0
Richd Brookings	Red Stone	1.7
Roger Kirk	Old Wheel & Iron	1.3
Jos. Clark	Grind Stone	2.11
Thos. Russel	" " & Hangings	6.1
Ben Wilson	1 Cross Cut Saw	2.0
Cottey Chandlee	Steel yards unfinished	3.9
Ellis Chandlee & Bros.	1 pr. Steel yards & iron stand	1.0
"	old Clock Case & Cedar Ware	8.0
"	2 Empty Tubs old File & Punches	8.0
"	4 Lb Cast Steel Bason Mould & Ladle	1. 0.0
"	Smith Tools 2 Iron Bands	1. 1.3
"	5 Square Bitts & Screw Plate	2.0
"	Box Patterns 1 pr old Mill Saw	17.0
Ellis Chandlee & Bros.	Box Watch Tools old Scales and Weights	8.0
"	Tenant Saw old Joiners Tools & Clock face	1. 3.6
"	Set of Pinions Parcel Brass & Nails	11.3
"	Quilting Frame Enamel Dial Plate	7.0
Ellis Chandlee	Unfinished Compass & unfinished Riding Chair	6. 0.0
Isaac Chandlee	" "	2.10.0
Ellis Chandlee & Bros.	Clock Springs old Stove pipe Jugs & Vials	14.2
Ellis & Isaac Chandlee	Dividing Instruments	1.10.0
Ellis Chandlee & Bros.	Wooden Bellows & Spools Sundry Old Books	18.10
"	5 Lb Zink 23 Lb Old Copper	1. 0.4
Enoch Bennett	1 old Iron Hold Fast	1.3

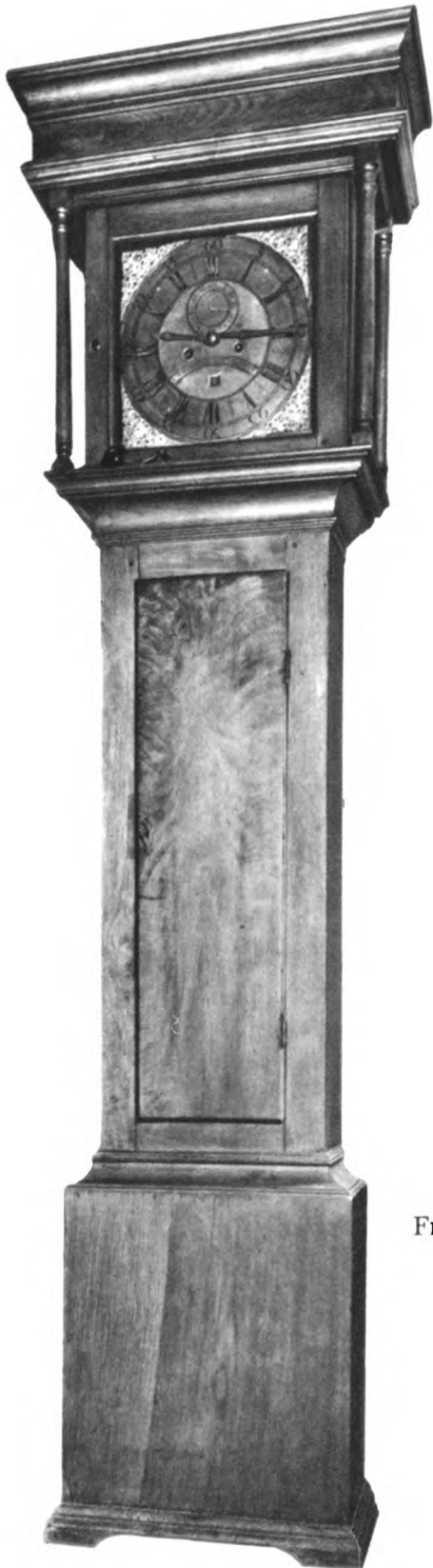
The total value of the sale was £ 301-18-3.

The clocks illustrated in this chapter were all made by Benjamin Chandlee, Junior, with brass dials and the rack and snail devices for the striking train, with the exception of two which have the count-plate systems.

An entry in the Orphans Court record book C-1-111, New Castle County, Delaware, was discovered too late to be placed in the text of this chapter. The entry is a clear description of how an apprenticeship was formed in those days.

The sixteenth day of May Anno Dom 1749. Before Simon Hadley, John Finney and William Patterson Esqr. Justices &c—

Came into Court Samuel Furniss a minor orphan son of William Furniss late of the County Clockmaker decd, aged thirteen years the last day of August last past who as well with his own consent and the consent of Thomas Furniss his uncle as the approbation of the Court is bound an apprentice unto Benjamin Chandlee of this County, Clockmaker until he shall arrive at the age of Twenty-one years. In consideration whereof the said Benjamin Chandlee obliges himself to teach or cause the said apprentice to be taught the art & mystery of a clock maker, to read the Bible, write a legible hand & Arithmetick thro the rule of three & to find & provide for him sufficient meat, drink, apparel, washing & lodging during the term afsd. and at the Expiration thereof to give him two suites of apparel one whereof shall be new.



FIGURES 20, 21.

An eight-day room clock made about 1745. The solid walnut case is $84\frac{1}{2}$ inches high. The three-quarter columns are built into the door of the hood.

The brass dial is $12\frac{3}{8}$ inches square. The hour band was probably engraved by the senior Benjamin Chandlee because the forty-eight quarter-hour spacings appear on the inner circle. The spandrels are lead castings from moulds made from castings. The "Fleur-de-lis" are nicely engraved.

The rack and snail of the striking train was the factor which proved that this clock was completed by Benjamin Chandlee, Junior.

Owned by Mrs. Benjamin W. Haines.

FIGURE 20

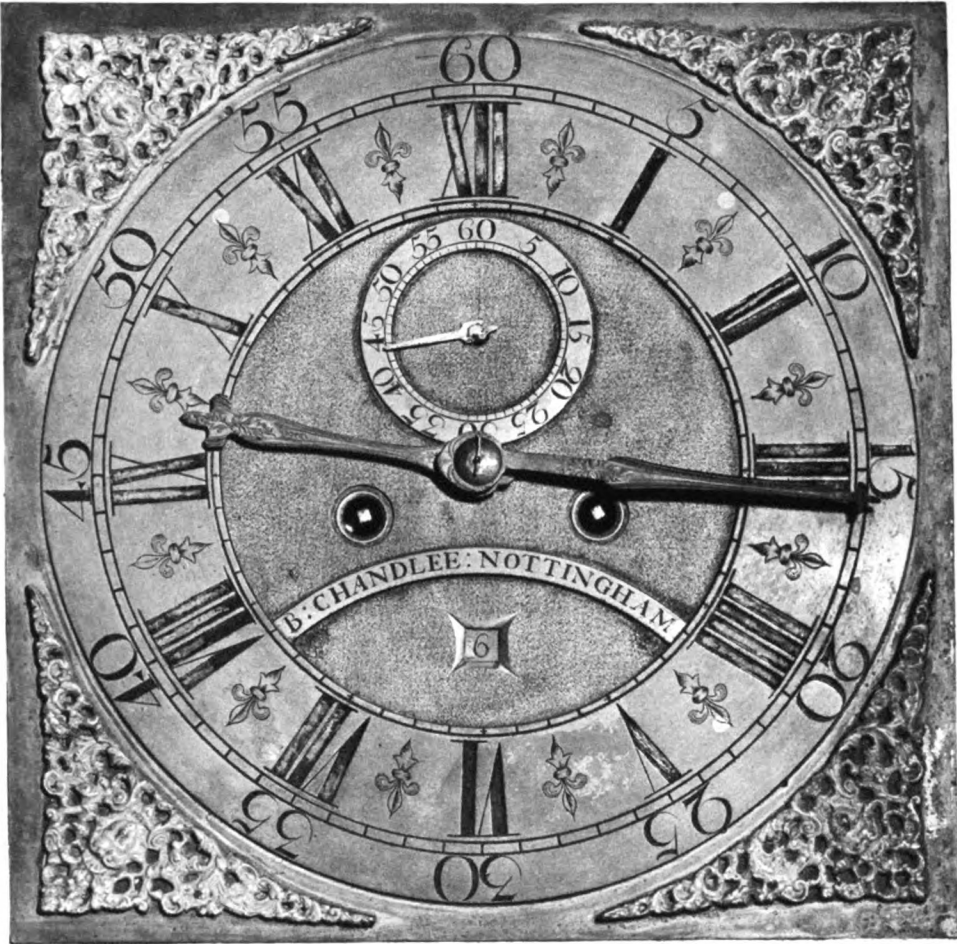
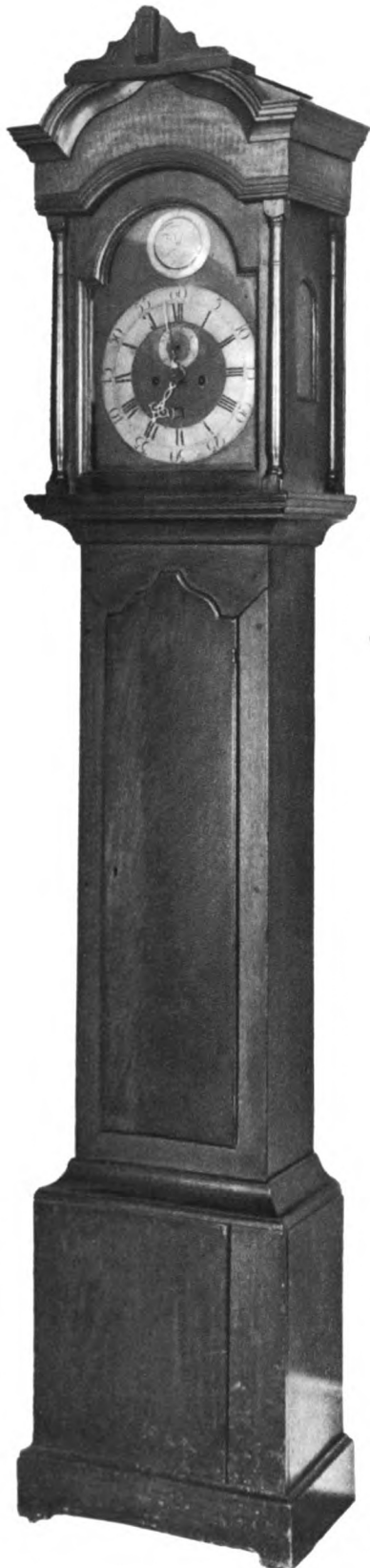


FIGURE 21



FIGURES 22, 23.

Which generation made this clock is a puzzle. It contains the count pins, is numbered 29 (see Figure 23), and yet the works are dated 1747. Since Benjamin Chandlee left Nottingham in 1741, it is assumed that he left this clock unfinished and that his son, Benjamin, Junior, completed it. The works appear to have been made before those of the clock in Figure 7.

The spandrels were probably made of lead, became bent and were lost.

Owned by Mrs. H. Linn Worthington.

FIGURE 22

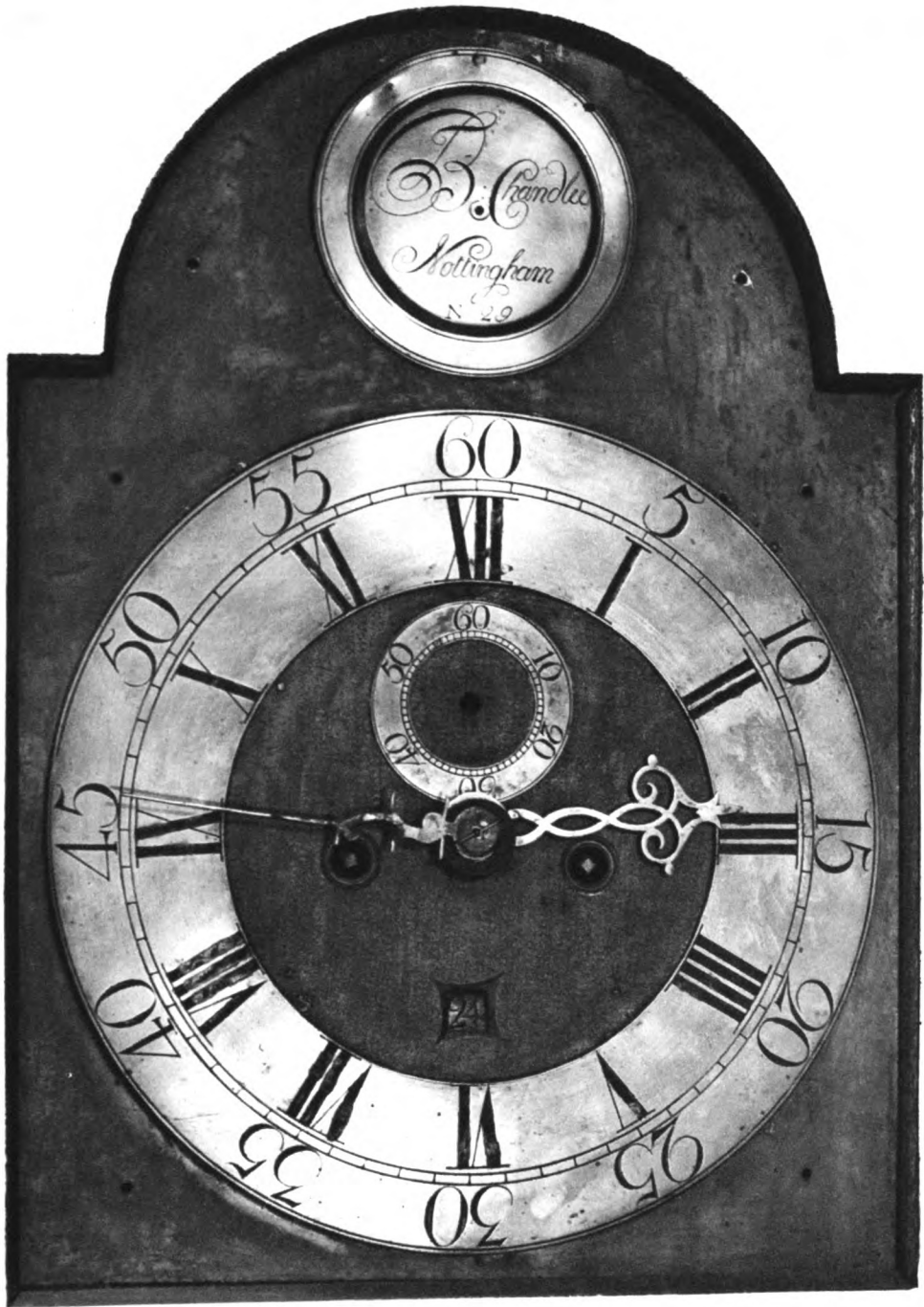


FIGURE 23



FIGURES 24, 25.

This repeating clock was made about 1747. The solid walnut case is 88 inches high. Hood $19\frac{1}{4}$ inches wide by $10\frac{1}{4}$ inches deep. Waist $14\frac{1}{2}$ inches wide by $10\frac{3}{8}$ inches deep. The pendulum rod is made of flat brass with the usual leaden bob sheathed with brass.

Brass dial $11\frac{7}{8}$ inches by 16 inches. The seconds dial is engraved with a scalloped rim. The hands are original, and nicely matched. The brass spandrels are original castings and neatly filed out.

Owned by Mrs. David H. Plank.

FIGURE 24

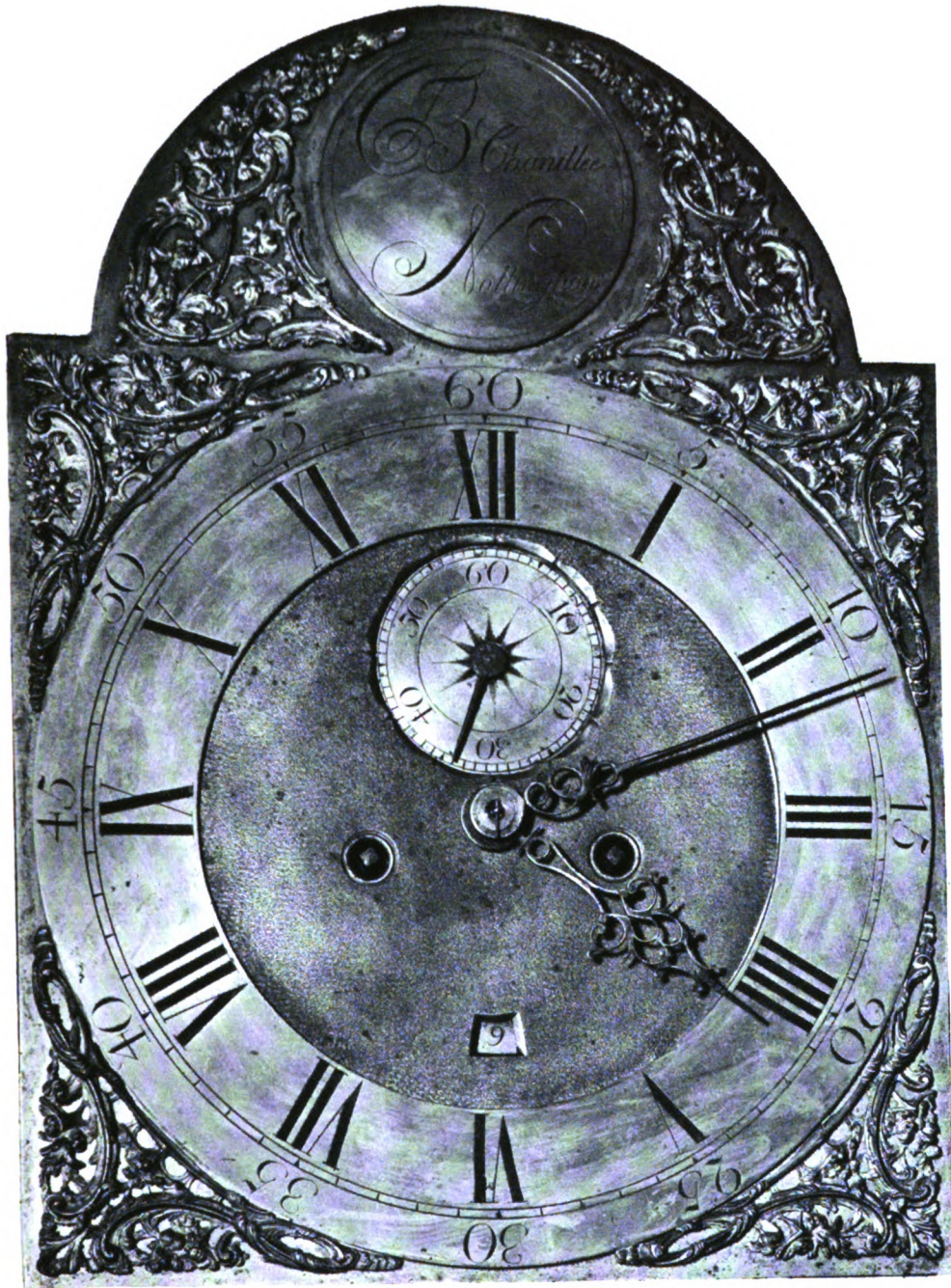


FIGURE 25



FIGURES 26, 27.

A Queen Anne case with the shell carved out of the solid walnut door. The bull's eye is bound with brass. Case $93\frac{1}{2}$ inches high. Hood $18\frac{3}{4}$ inches wide by $9\frac{3}{4}$ inches deep. Waist 15 inches wide by 7 inches deep. Made about 1748.

The repaired top of the hood shows how difficult it is to match old wood.

A brass dial with hammered center. The "Fleur-de-lis" and curved name plate reflect the earlier Chandlee style. The boss contains a portrait of a young man wearing a scarlet jacket and white stock; brown eyes move with the swing of the pendulum. The striking train is controlled by the rack and snail.

Owned by Edward E. Chandlee.

FIGURE 26

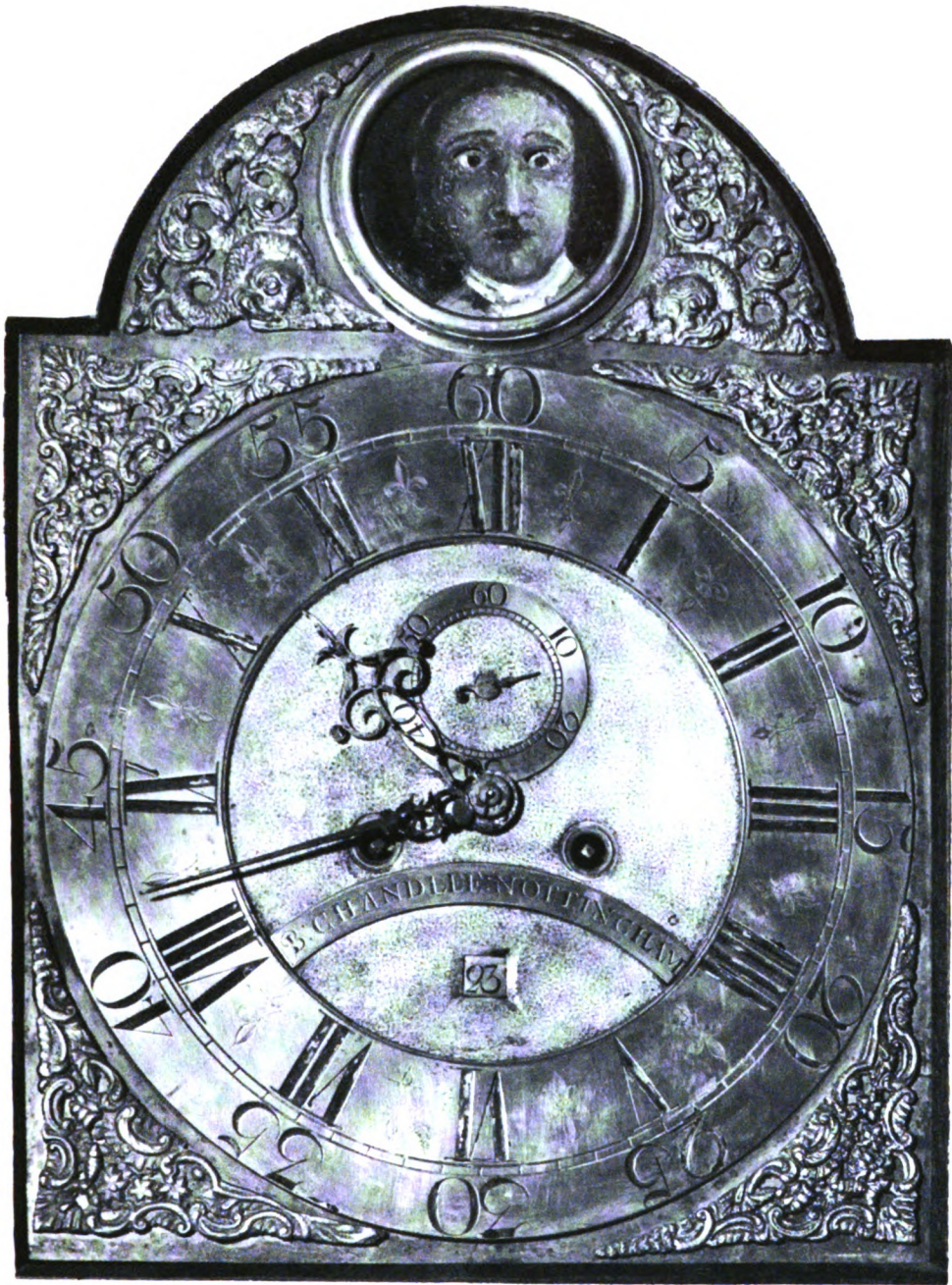


FIGURE 27

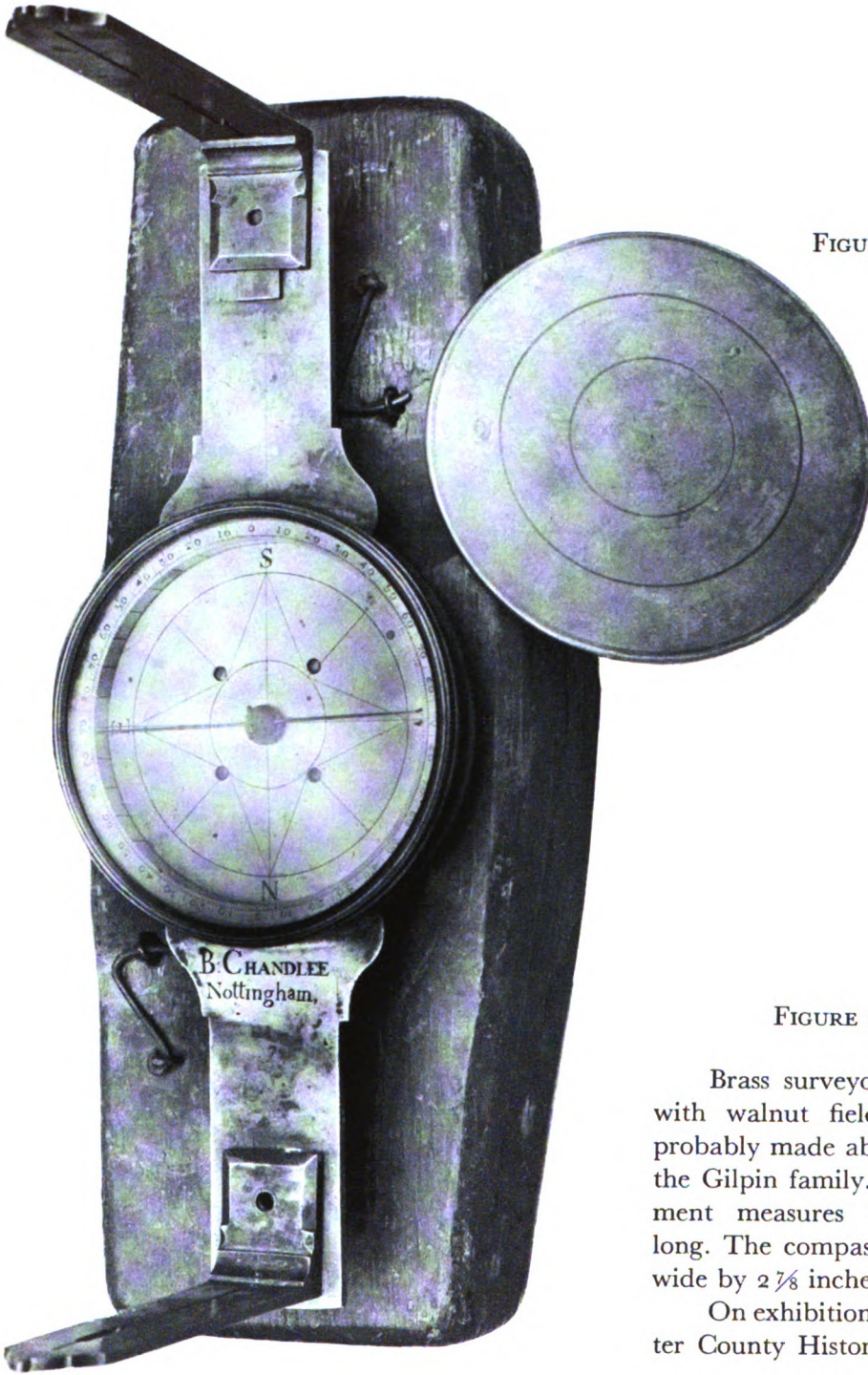


FIGURE 28

FIGURE 28.

Brass surveyor's compass, with walnut field case; was probably made about 1761 for the Gilpin family. The instrument measures $12\frac{1}{8}$ inches long. The compass $4\frac{5}{16}$ inches wide by $2\frac{7}{8}$ inches deep.

On exhibition in the Chester County Historical Society.

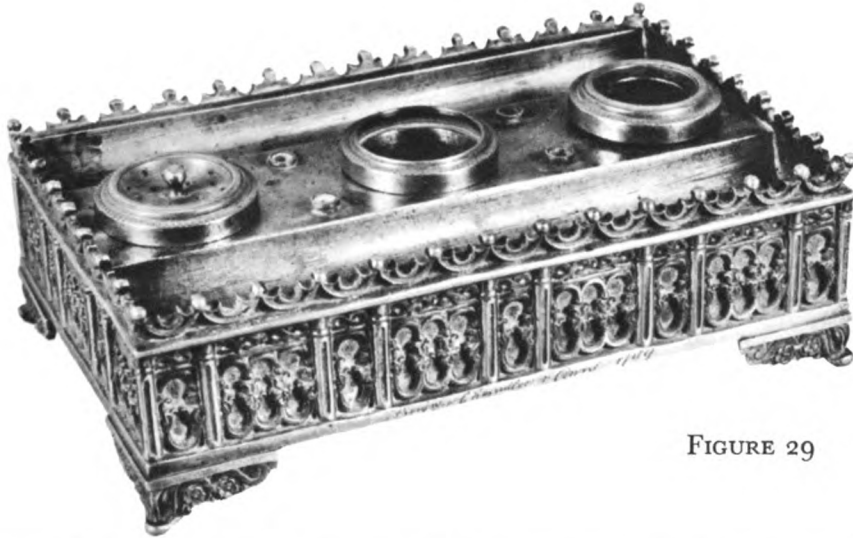


FIGURE 29

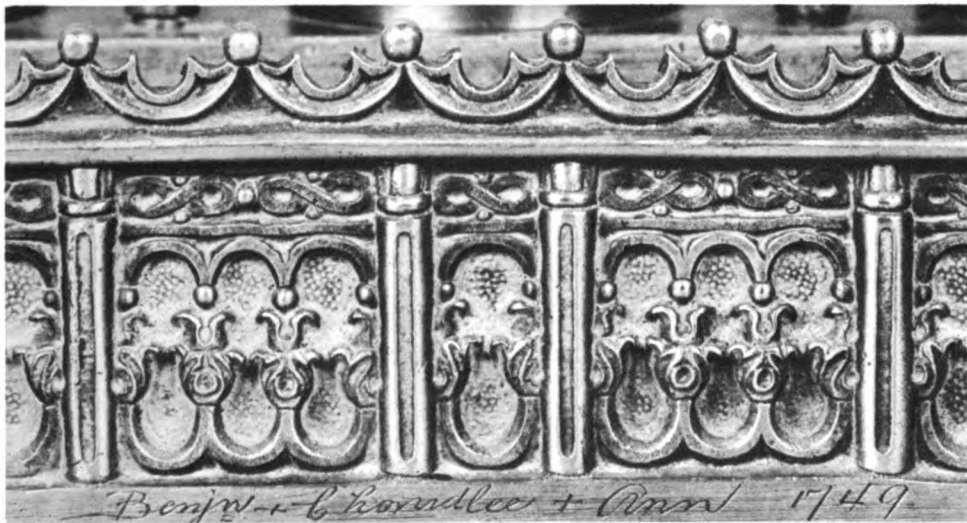


FIGURE 29.

This inkwell is a single brass casting with removable containers for ink, blotting sand, and shot used for cleaning a quill pen. It is $8\frac{3}{4}$ inches long by $5\frac{1}{2}$ inches wide and $2\frac{3}{4}$ inches high, including $\frac{1}{2}$ -inch pedestals. An oak bottom rests on shoulders formed in the casting.

The legend "Benjⁿ Chandlee + Ann[o] + 1749" commemorates the year Benjamin Chandlee was married.

Owned by Edward E. Chandlee.



FIGURES 30, 31.

Nicholas Van Dyke (born 1708; died 1789) was the first owner of this clock. It is now in the possession of Mrs. A. Willis Browning, a descendant of the Van Dyke family. The clock was made about 1752.

In the lunette is a painting of a bark which rocks with the swing of the pendulum. The name plate, hour band and the band around the seconds dial are silvered brass.

FIGURE 30

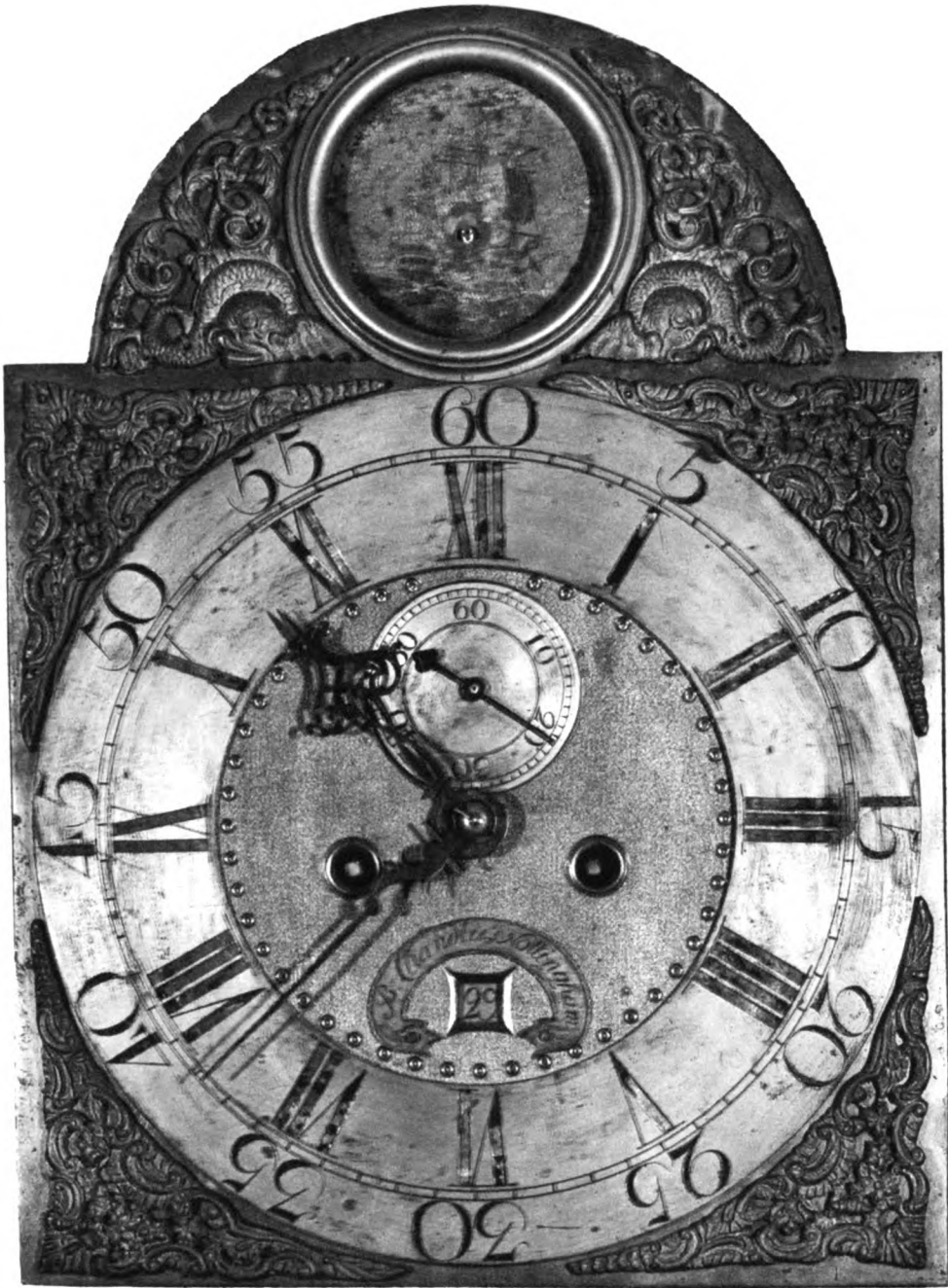


FIGURE 31



FIGURES 32, 33.

The three-quarter columns are built into the door of the hood. The pagoda-type hood was decorated by two side walnut finials and by another one in the center of the top. The entire base was cut off in order to make the clock fit into a low ceiling room. The Chinese Chippendale fretwork has a background of velvet. Made about 1754.

The bizarre sunflower is original. The face is painted gold and has red lips and cheeks with brown eyes and eyebrows. The petals are gold colored on a blue background. The name plate is similar to those made by the senior Benjamin Chandlee.

Owned by Mrs. Frank Taylor.

FIGURE 32

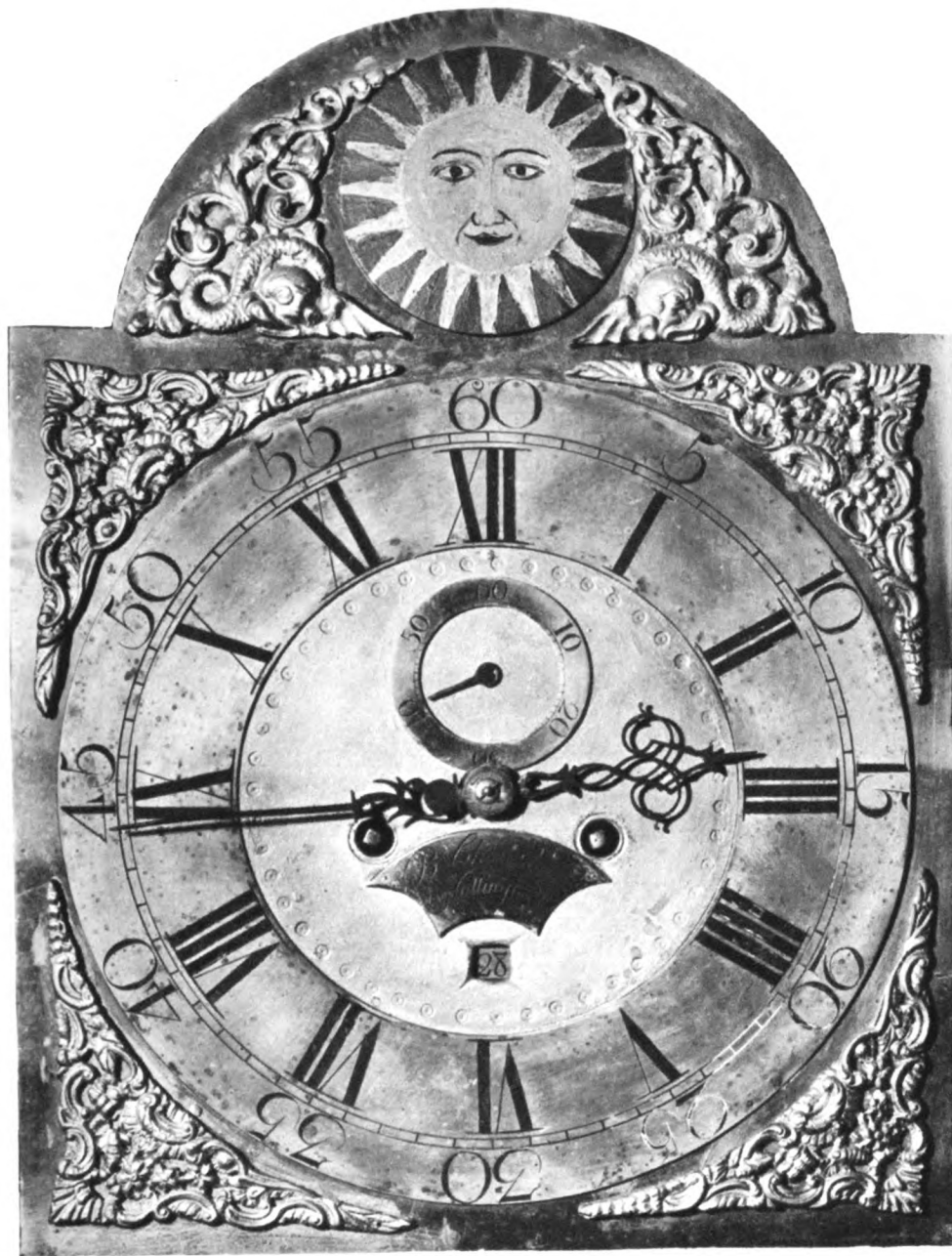


FIGURE 33



FIGURES 34, 35.

This is the tallest Benjamin Chandler clock recorded. Dated about 1756. The solid walnut case is 100 inches high and in original condition except the three missing finials.

The boss is silvered, as well as the hour and seconds bands. The dial is brass with hammered center. The punch marks around the inner dial reflect the 48 spacings which were engraved on the hour bands of dials when one hand was in use.

Owned by Mr. and Mrs. C. Thomas Attix.

FIGURE 34



FIGURE 35



FIGURES 36, 37.

This was an expensive clock with an elaborate case, 96 inches high; hood $19\frac{3}{4}$ inches wide by $9\frac{3}{4}$ inches deep; waist $14\frac{1}{2}$ inches wide by $7\frac{1}{4}$ inches deep. Made about 1758. The sidelights are covered with fretwork over cloth, instead of the usual glass. The clock is set into an opening of the floor.

A beautiful brass dial with punch markings engraved around the date aperture and the center of the seconds dial. It is unusual to find spandrels in the lunette which match the corner pieces on the dial.

Owned by J. Hayes Mc Cauley.

FIGURE 36

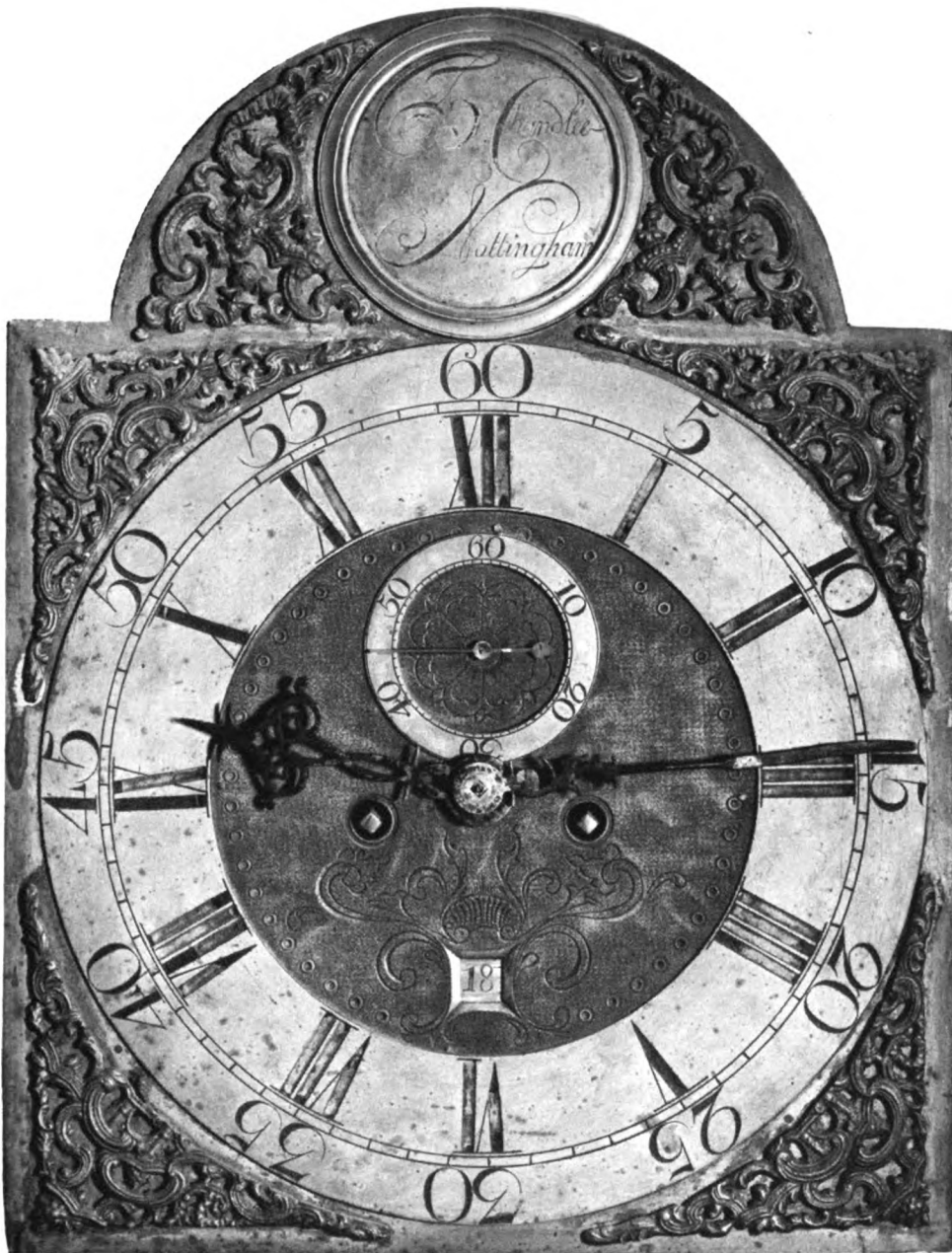


FIGURE 37



FIGURES 38, 39.

The walnut case is 97 inches high, hood 20 inches wide by 10 inches deep; waist $14\frac{1}{4}$ inches wide by $7\frac{1}{8}$ inches deep. Case made without finials. Age has brought out the grain of the wood to a remarkable degree. The dial door has lateral hinges. Made about 1760.

The brass dial has an inset seconds dial engraved with a six-pointed star, filled with blackened wax. The corner spandrels are exquisitely chased.

Owned by Walter Trayner Baker.

FIGURE 38

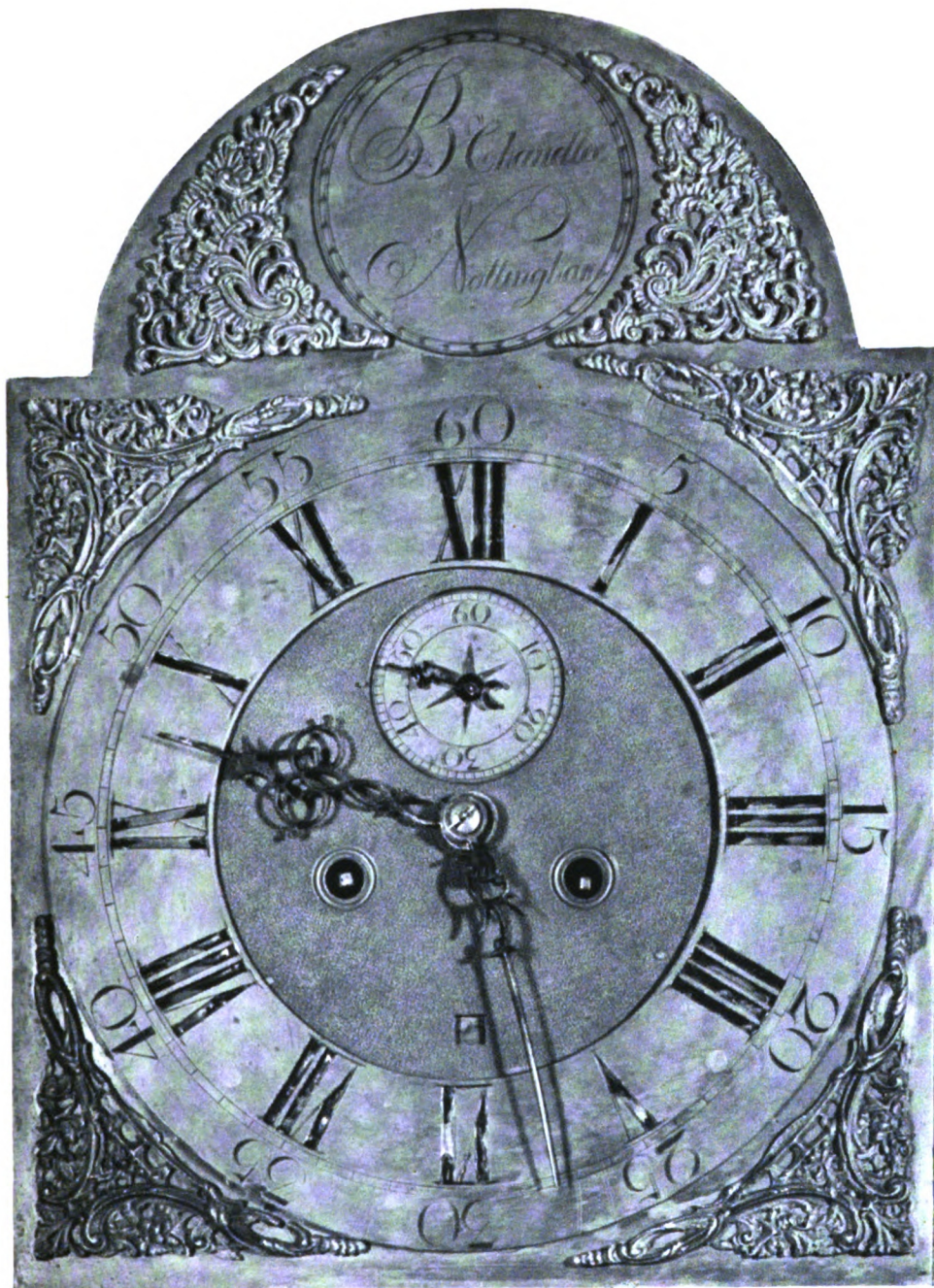


FIGURE 39



FIGURES 40, 41.

The case is 96 inches high. Hood 18½ inches wide by 9⅞ inches deep. Waist is 13¼ inches wide by 7¼ inches deep. Made about 1761.

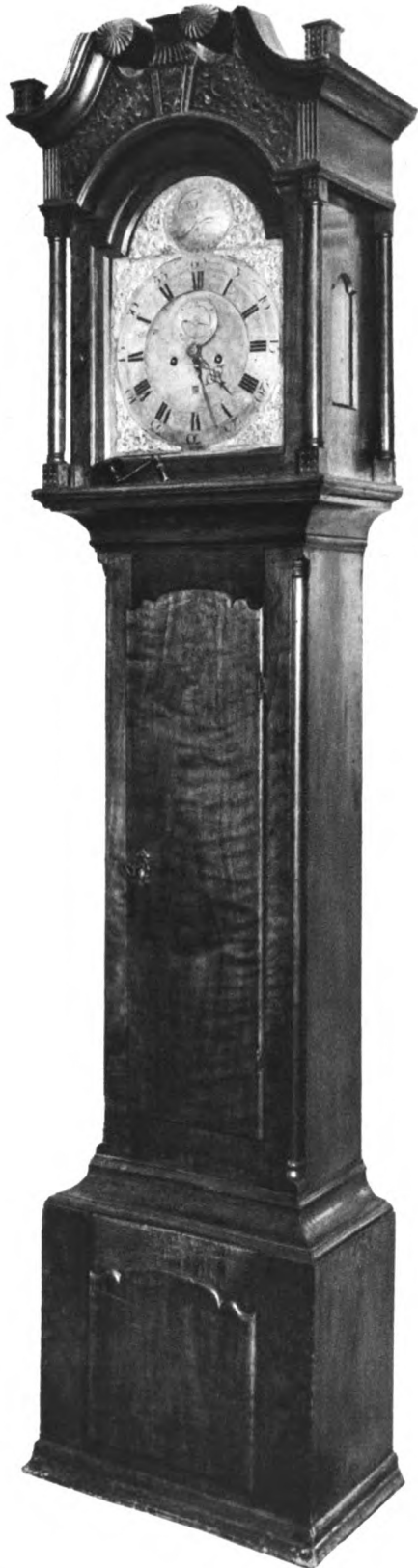
Brass dial, hammered center with a basket engraved over the date aperture. The spandrels are iron castings, gilded. The dolphin spandrels are solid brass.

Owned by Walter F. Price.

FIGURE 40



FIGURE 41



FIGURES 42, 43.

Dated 1763. The top of the case was sawn off about 1870 when the homestead burned down, and the clock was then moved to a log farm house with low ceilings. The feet were probably taken off at the same time. Case measured 92 inches high; originally was about 95 inches.

Brass dial 12 inches wide by 16 $\frac{1}{4}$ inches high including lunette. The boss is nicely engraved and is the same size as the cover for the pendulum bob.

The late Haines Job owned this clock.

FIGURE 42

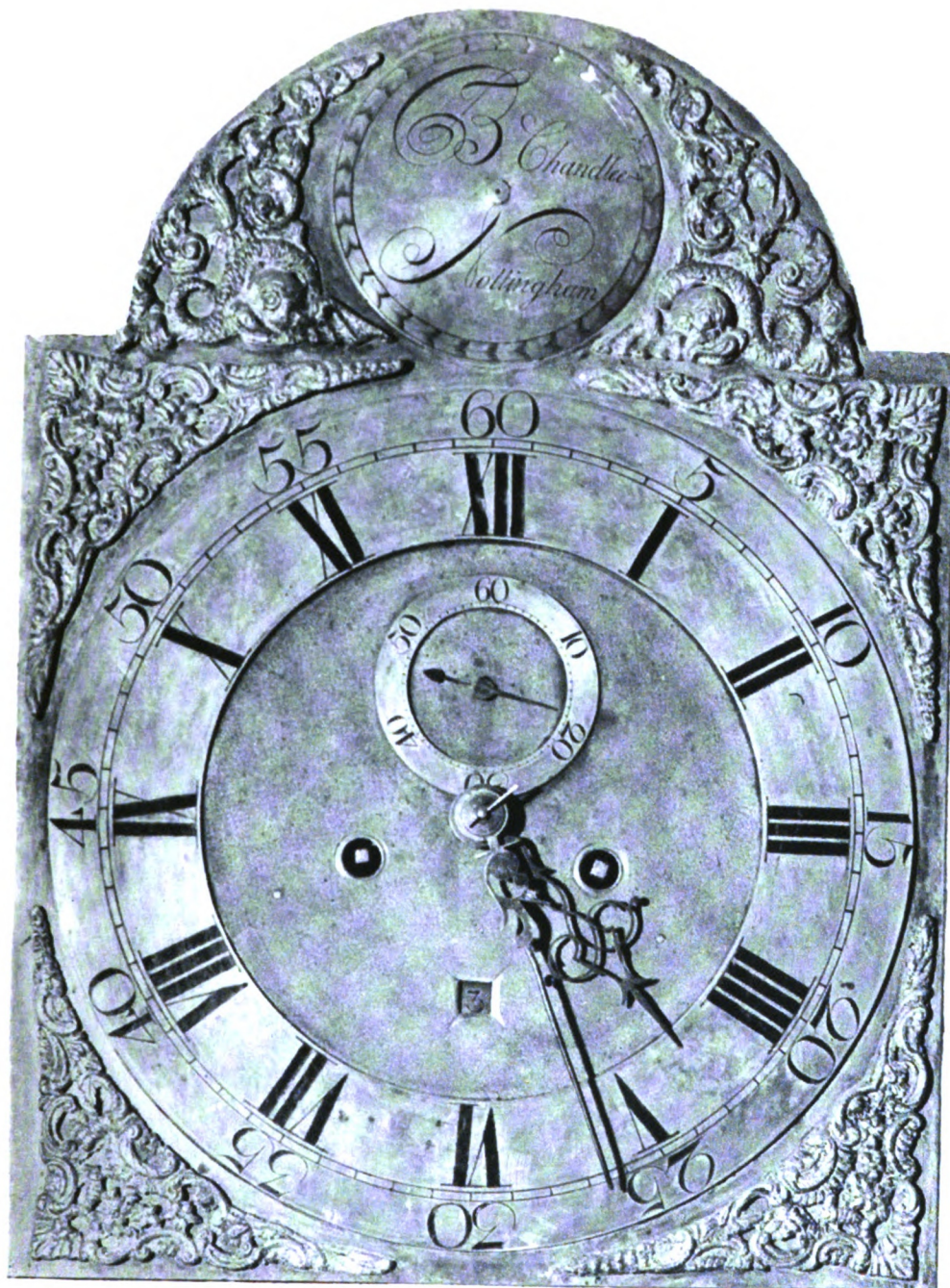


FIGURE 43



FIGURES 44, 45.

Benjamin Chandlee, Junior, made the striking train of this clock about 1764 with the out-of-date count plate system, similar to the clock in Figure 58.

The clock was a wedding present from Robert Finley to James Maxwell. Five generations have kept the clock in good running order.

The case is $93\frac{1}{2}$ inches high. Finials measure 6 inches high by $3\frac{1}{8}$ inches wide. The acorn is a scant 2 inches high by $1\frac{1}{8}$ inches wide. Base $1\frac{1}{8}$ inches wide.

Brass dial is 12 inches wide by $16\frac{3}{8}$ inches high. The solid brass spandrels are first castings.

Owned by Harry F. Richards.

FIGURE 44

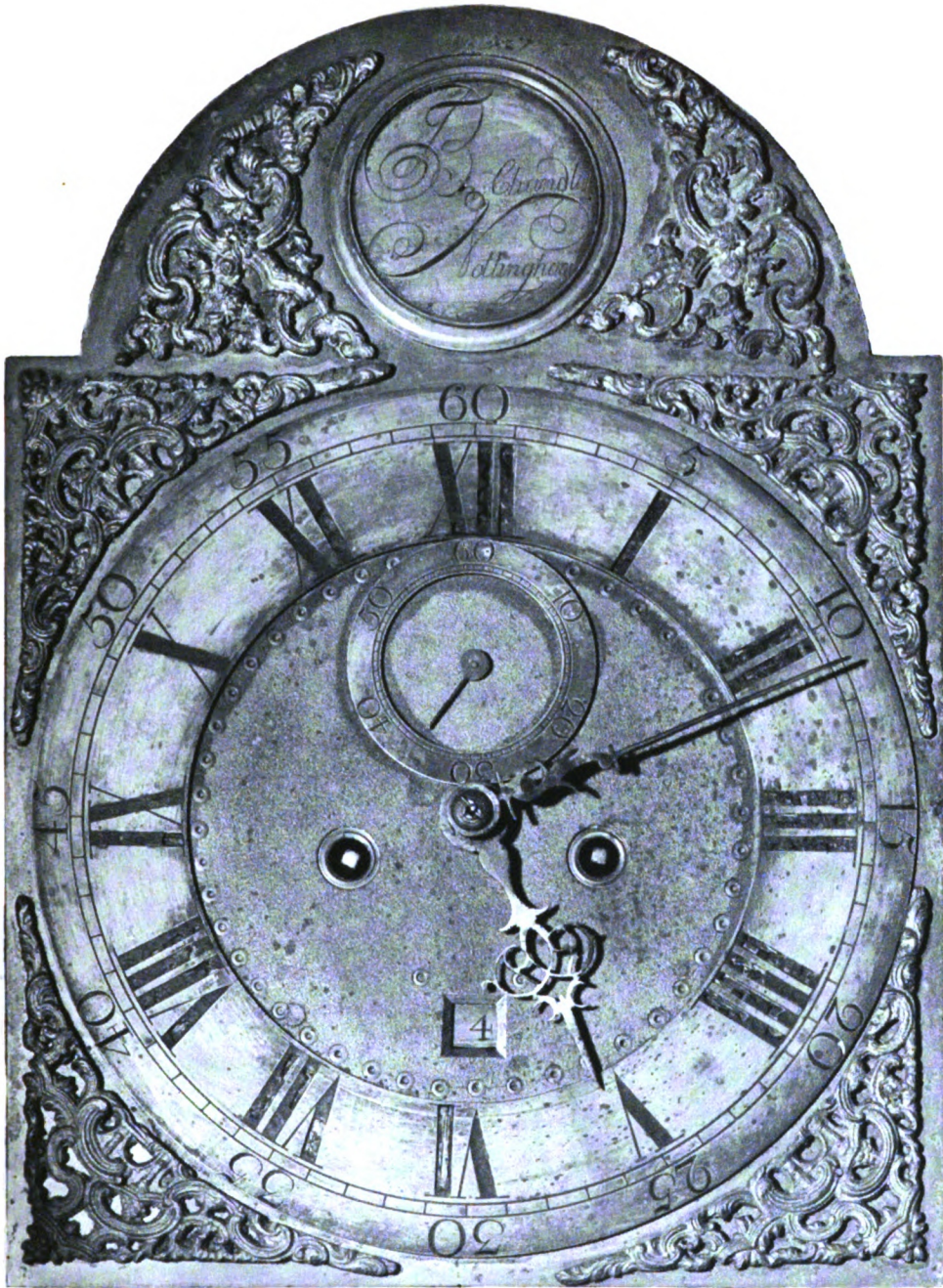


FIGURE 45



FIGURES 46, 47.

An apple case, 87 inches high, with brass bound bull's eye. Clock, made about 1765, was purchased from Benjamin Chandlee by an ancestor of the present owner, J. W. Middendorf, Jr.

Few seconds dials are numbered every five seconds. The spandrels on this brass dial are carefully filed out.

FIGURE 46

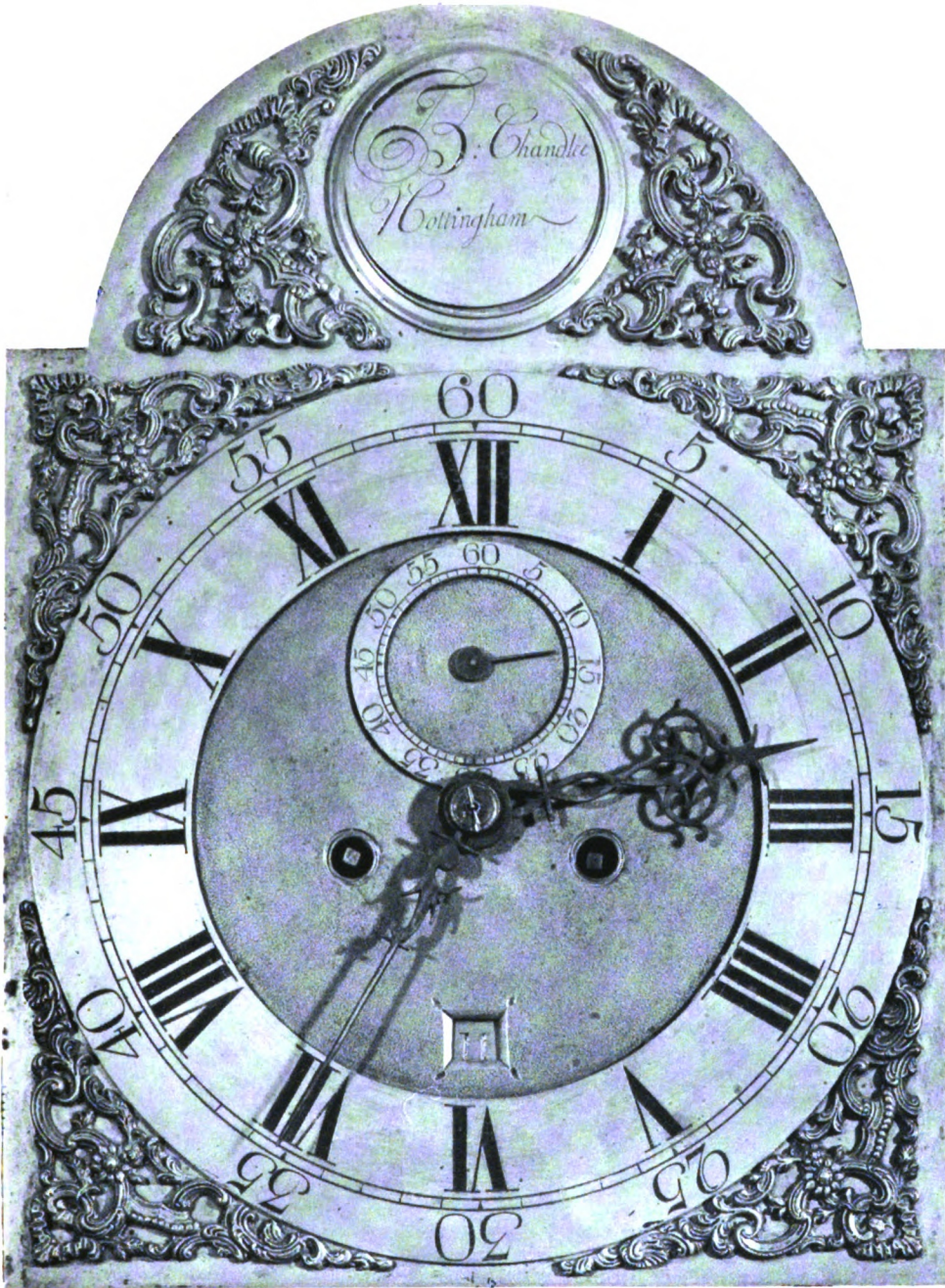


FIGURE 47



FIGURES 48, 49.

The walnut case is 93 inches high. Hood 21 inches wide by $10\frac{1}{2}$ inches deep. Waist $14\frac{7}{8}$ inches wide by $7\frac{1}{2}$ inches deep. Base 20 inches wide by $10\frac{1}{8}$ inches deep. The original red velvet shows through the fret-work of the hood. Made about 1766.

Lunette is decorated with dolphin spandrels. Seconds dial is riveted under the brass dial.

Owned by Edward E. Chandlee, Junior.

FIGURE 48

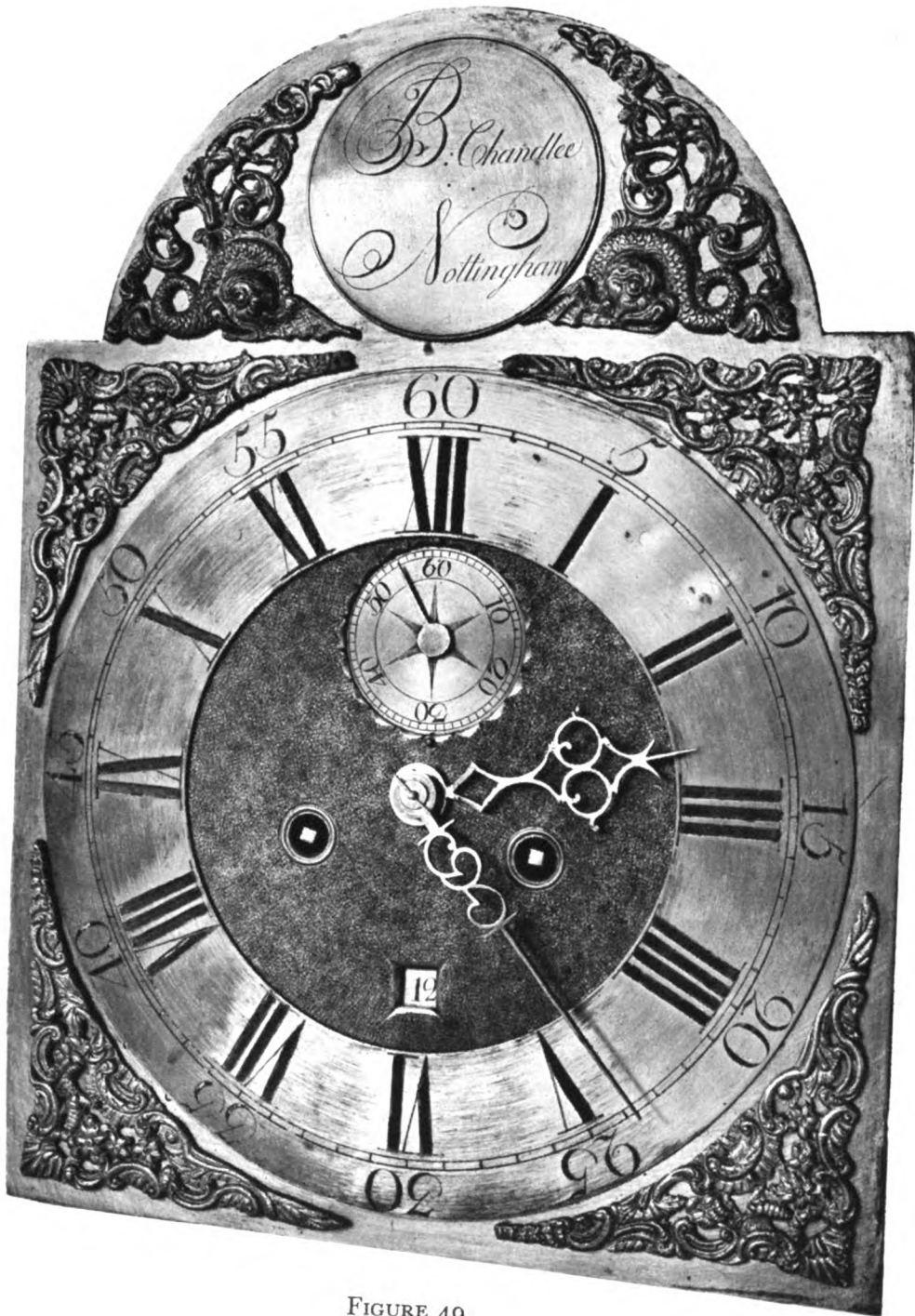


FIGURE 49



FIGURE 50

FIGURES 50, 51.

Walnut case $97\frac{1}{2}$ inches high, measured to the top of the arch; 104 inches including center finial.

Finials are probably original because the designs match carvings of the rosettes on the broken arches. Made about 1767.

Brass dial $12\frac{7}{8}$ inches by 18 inches. The boss with the maker's name engraved is silvered. Hour and seconds bands are silvered.

Spandrels are lead castings gilded.

Owned by Mrs. Theodore C. Voorhees.

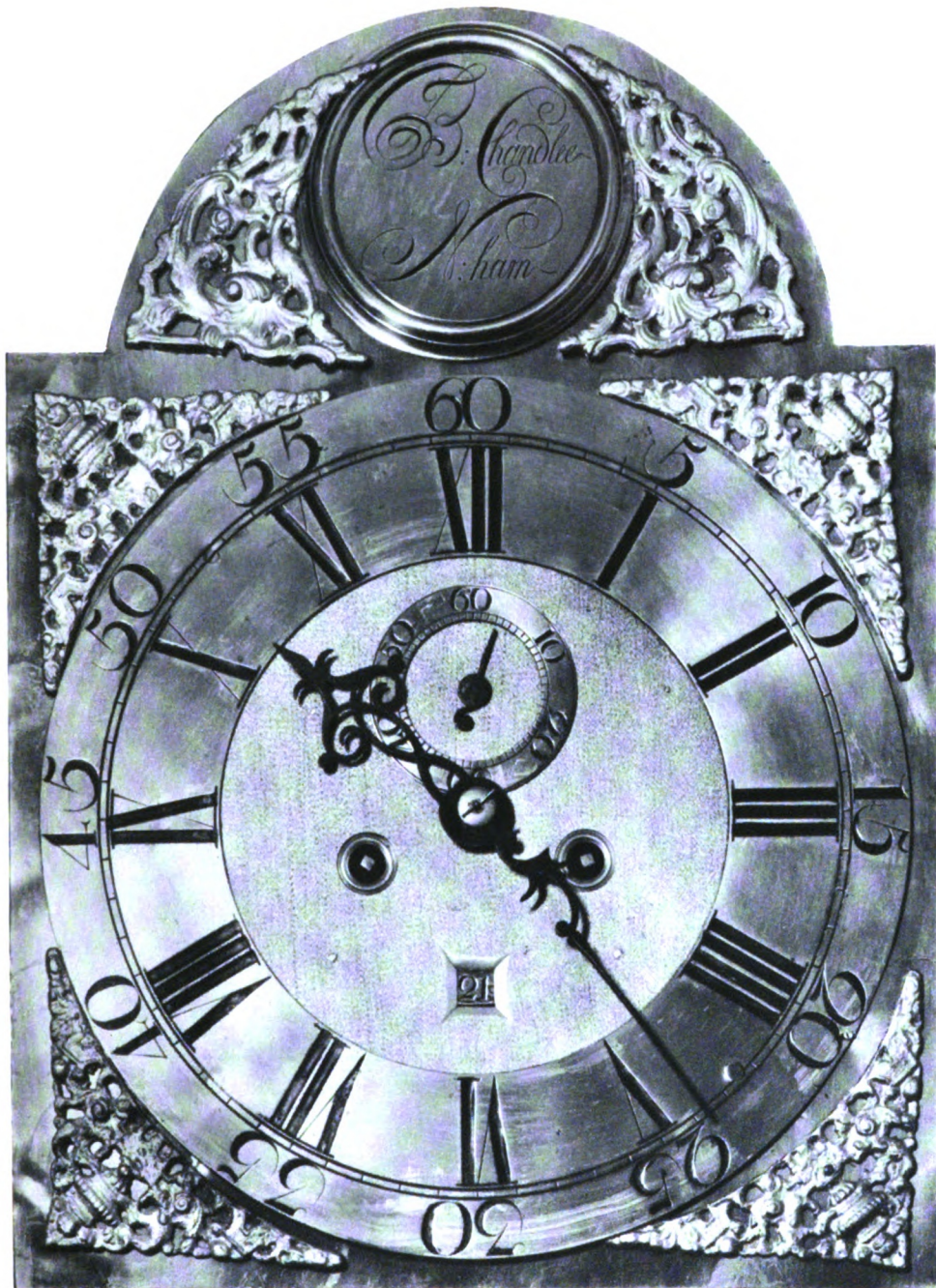
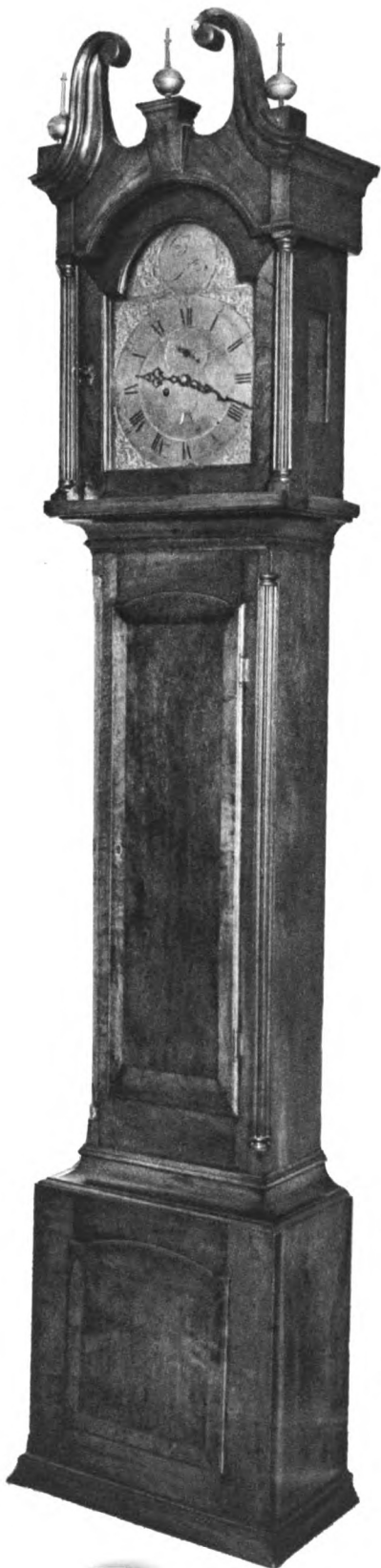


FIGURE 51



FIGURES 52, 53.

An unusually light-colored walnut case, $96\frac{3}{4}$ inches high. The waist door and base panel are trimmed with solid walnut, $1\frac{1}{2}$ inches wide, dovetailed and mitered. Pendulum rod is made of brass.

The engraving of the seconds dial was probably done by Isaac Chandlee, son of Benjamin, Junior.

Owned by Mrs. Benjamin N. Brown.

FIGURE 52

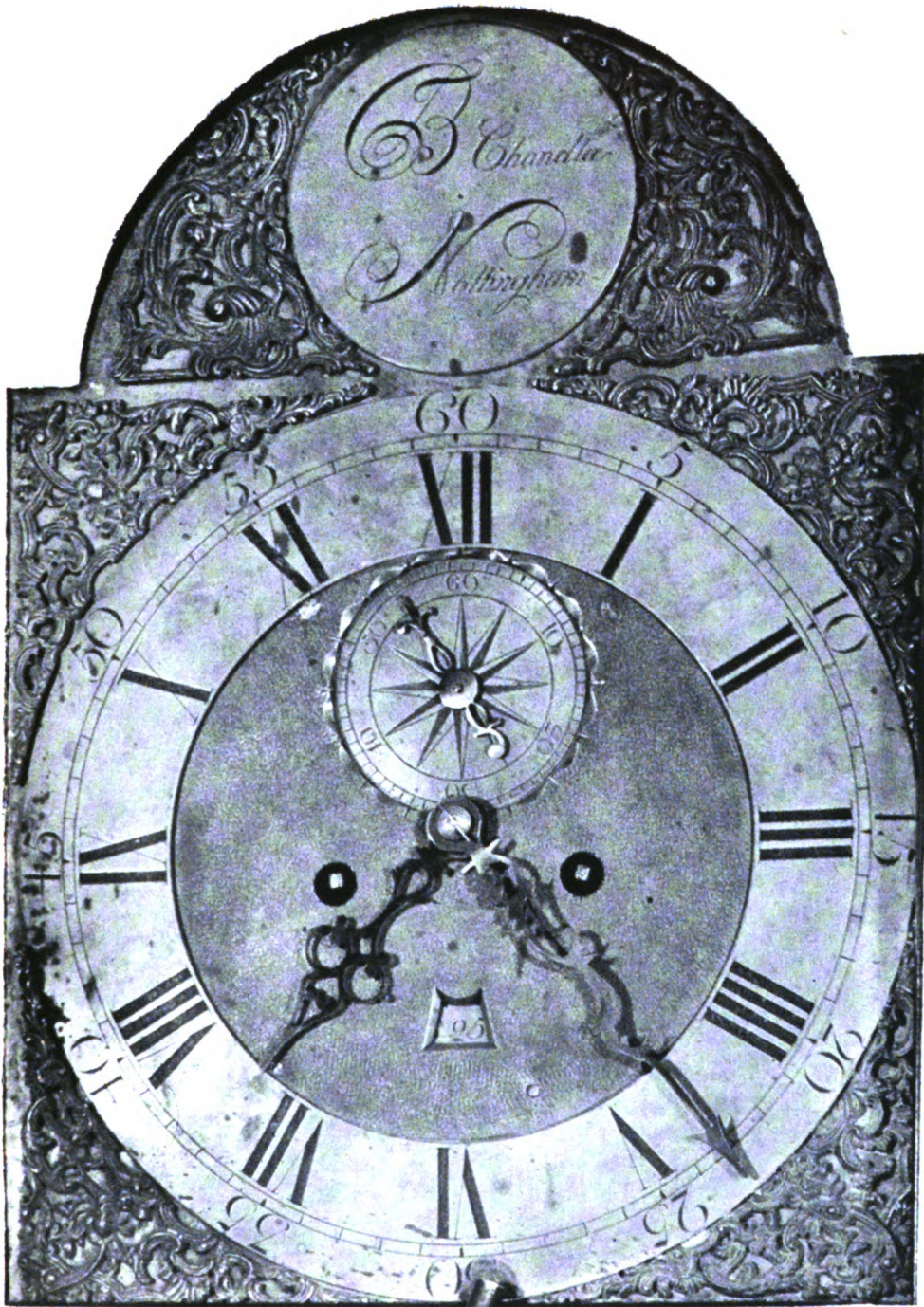
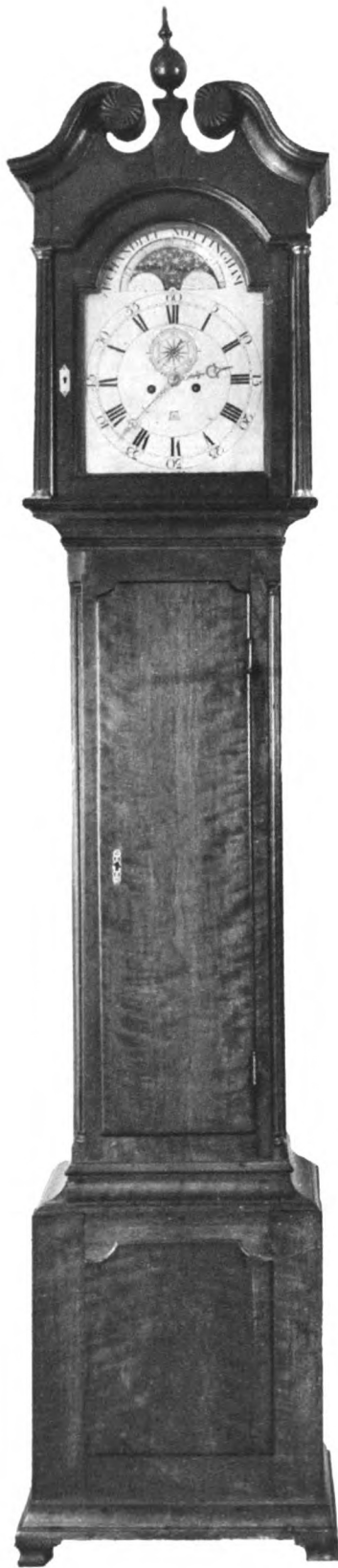


FIGURE 53



FIGURES 54, 55.

Case of solid cherry, 94 inches high. Hood 19 inches wide by 10 $\frac{3}{4}$ inches deep. Two side finials are missing. The fluted columns of the hood are set in brass holders. Made about 1769. A rare silvered brass dial. Hour and minute hands are made of brass, engraved on both sides.

Owned by Mrs. Wilson P. Foss, 3rd.

FIGURE 54

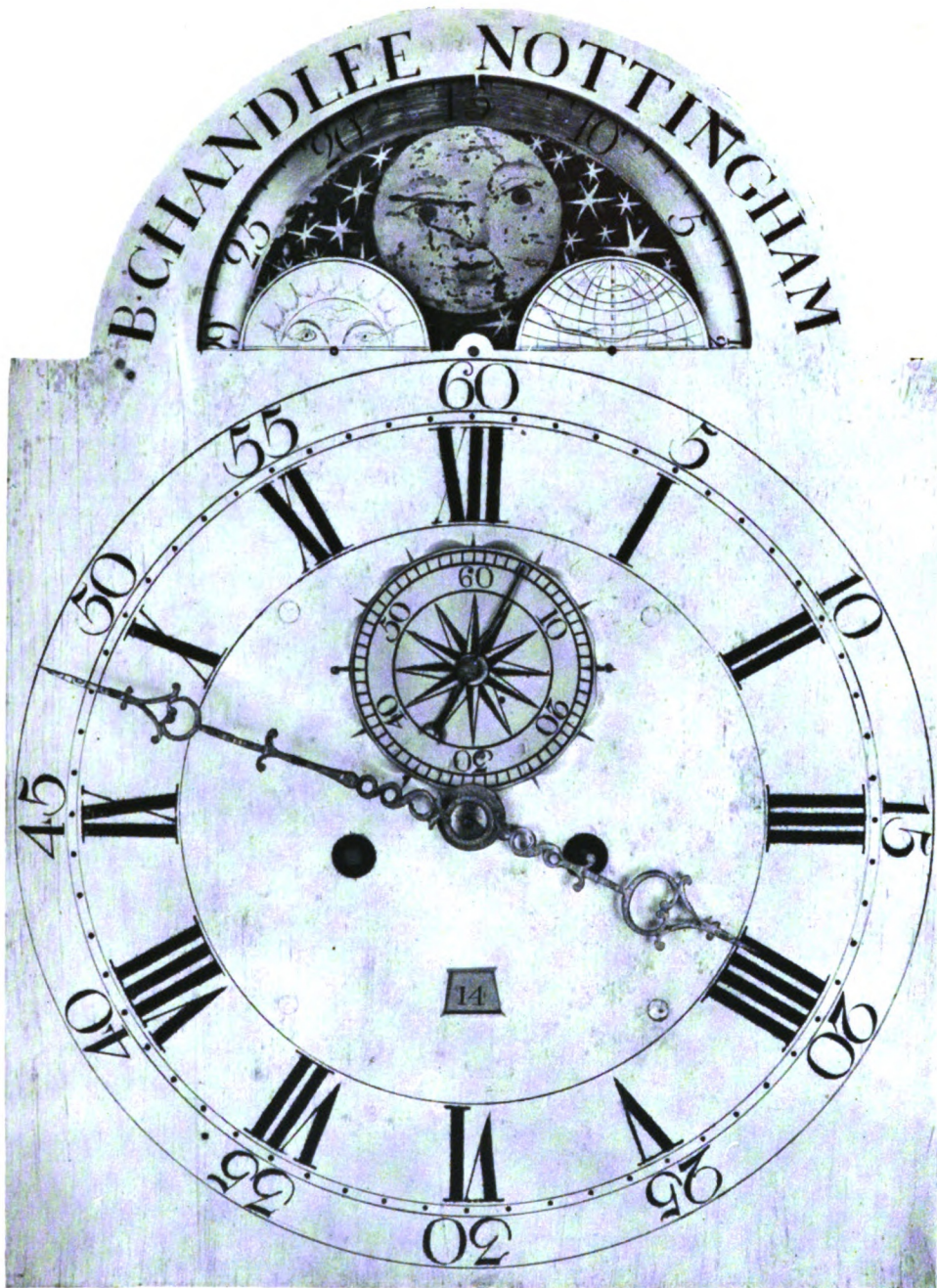


FIGURE 55



FIGURES 56, 57.

Walnut case, 97 inches high. The columns of the hood are held by brass cup holders, top and bottom. Both ends of the fluted side quarter-columns have brass quarter-collars. Lead weights are encased with brass. Originally stood in the Lewden house, Christiana, Delaware. Made about 1770.

An elaborate brass dial with deep engravings on the lunette. The arch over the moon phase, the hour band, seconds dial and name plate are silvered. Spandrels are original brass castings.

Owned by Dr. Elwood Sharpless Garrett.

FIGURE 56

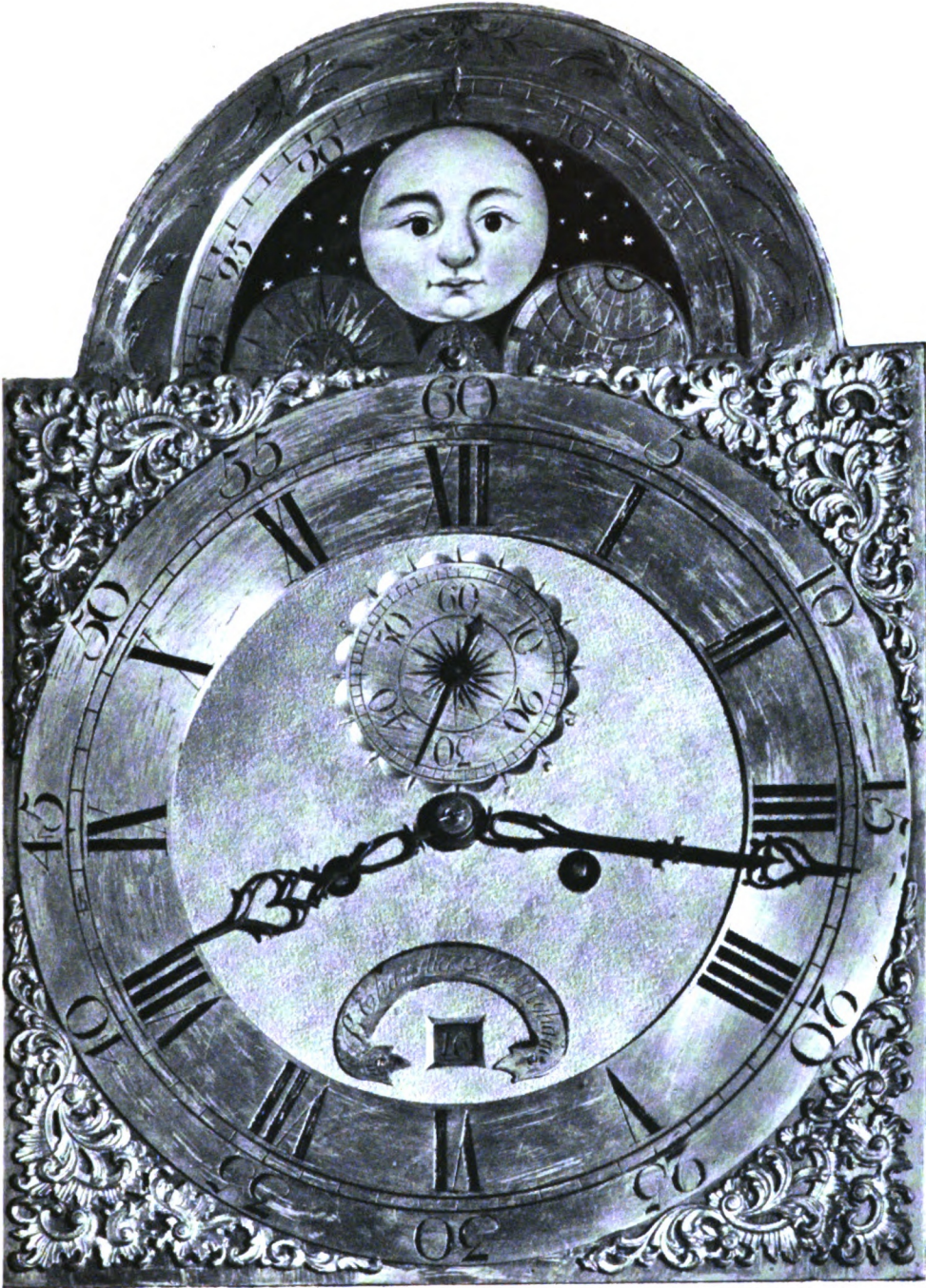


FIGURE 57



FIGURES 58, 59.

Walnut case 92 $\frac{3}{4}$ inches high. Again Benjamin Chandlee, Junior, was very versatile. The striking train contains a count plate (see Chapter X, Figure 158) which might have been lying around the shop. The works are dated 1774.

Maltese cross spandrels are rarely found on American tall clocks. English dials with this type of corner piece could be dated 1740.

Owned by Mrs. F. Morse Archer.

FIGURE 58

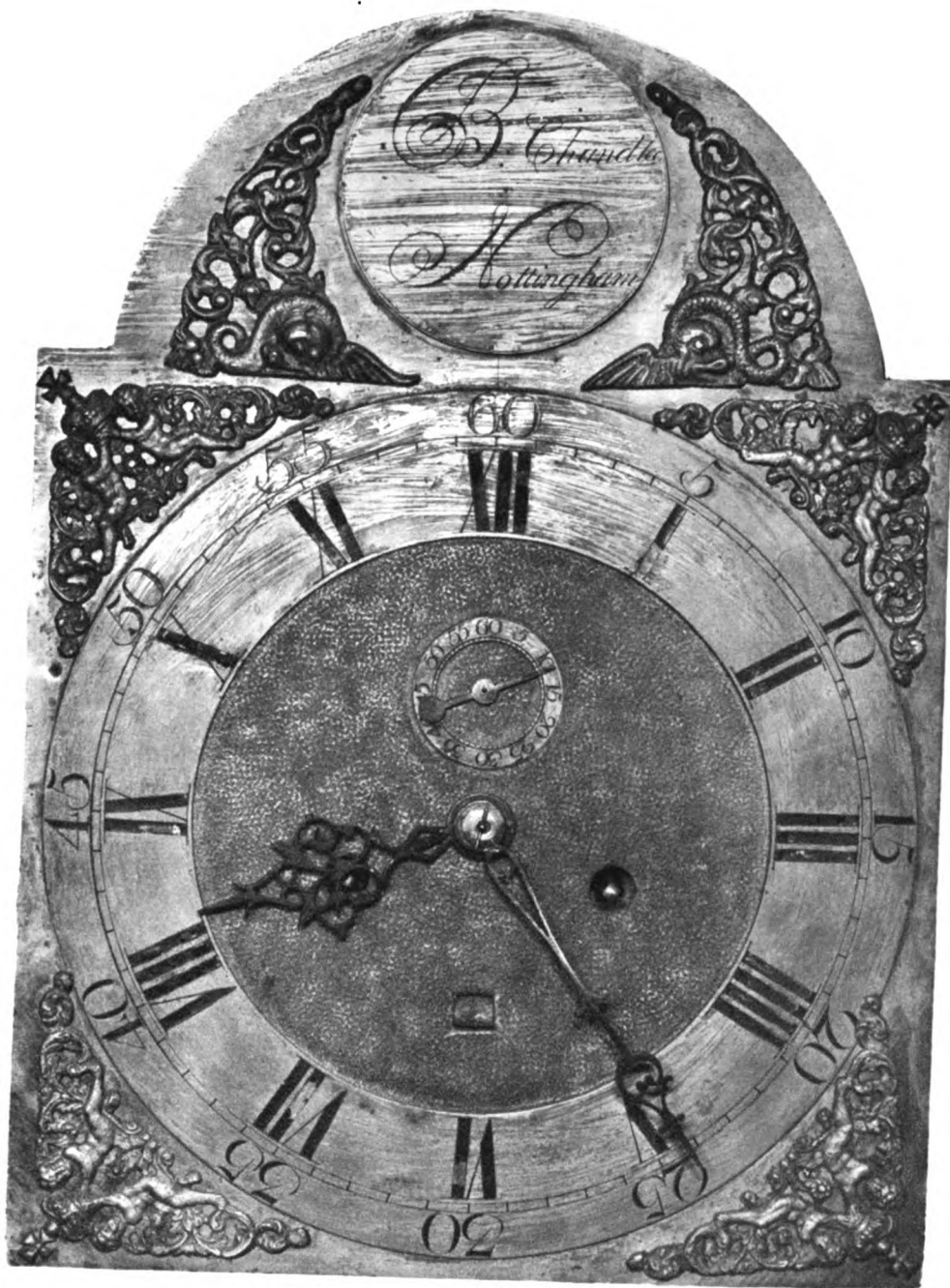


FIGURE 59



FIGURE 60

Walnut case 91 inches high. The clock was made about 1764. Bull's eye has a wooden rim instead of one of brass.

Owned by Mrs. Mary A. Harnish.

FIGURE 60

FIGURE 61.

The iron candlestand is 4 feet, 11 inches high, and stood in the Chandlee shop from about 1760. The brass tray is 19 inches in diameter. The name "Chandlee" is cut into one of the curved legs. The Brown family of Chester County was supposed to have owned this candlestand, selling it some years ago. This is probably the same "iron candlestick" appearing in Isaac Chandlee's estate and sold to Jeremiah Brown for twenty-nine cents.

Owner anonymous.



FIGURE 61