

XV.—NORTH COUNTRY CLOCKMAKERS OF
THE 17TH, 18TH, AND 19TH CENTURIES.

BY C. LEO REID.

[Read on 26th November, 1924.]

The late F. J. Britten, through his books on "Former Clock and Watchmakers and their Work," and "Old Clocks and Watches and their Makers," greatly stimulated interest in the study of the antiquarian aspect of the horological industry in the British Isles.

In his books Mr. Britten dealt chiefly with London clock and watchmakers, and only touched the fringe of provincial makers.

Mr. Arthur Hayden published, in 1917, his book "Chats on Old Clocks," and in it dealt largely with the history of provincial clockmakers and their work. In the section of his book on "The North of England: Newcastle-upon-Tyne" he published some forty-nine local makers' names. He mentioned my name as a contributor, and in the four years following the publication of his book, I received a number of letters from north country people interested in old clocks, until in October, 1921, I had a list of over 270 local makers with descriptions of their clocks. This new list includes over 2,500 names and descriptions of existing clocks, mostly by north country makers.

As the subject obviously interested a great number of people I decided to carry the enquiry a step further and made an appeal through some north country papers for further information: The response was astonishing: I received many hundreds of letters from the north of England in particular, and also many from all parts of the United Kingdom and the overseas Dominions, especially South Africa, Canada, and Australia, describing north country clocks; in the case of the Dominions, clocks which emigrants had taken with them.

The volume of correspondence received showed unmistakably the very wide interest taken in the subject. Most owners of old clocks were anxious to learn when their makers lived and worked, I was then able to answer only a few of these questions. The list now published will supply that information in a majority of cases.

I asked correspondents to give—

1. Name and address of maker.
2. Date, if on clock or case.
3. Type of case (whether grandfather, bracket or wall clock).
4. Description of case.
5. Description of dial.
6. To mention any exceptional features.

Whilst many correspondents gave me full descriptions, many omitted one or other of the important details—some omitted the description of case, others of dial, etc., others merely state that "their clock is a grandfather."

In the alphabetical list (p. 234) the descriptions of surviving clocks made by former makers are quoted in my correspondents own language: every clock is included, as the number of examples of any maker's work still in existence gives a rough criterion as to whether he worked in a large way or not, as well as the type of clock he turned out.

On classifying these descriptions the predominating feature is that the vast majority of clocks made in former times by northern clockmakers were of the "long-case" or "grandfather" type; very few of the clocks described are of the short pendulum "bracket" the "mantelpiece" or "wall-clock" type.

I think there is no doubt that the reason for this preponderance of the "longcase" or "grandfather" clock is that clockmakers early recognised its superior time-keeping possibilities due to the long "one-seconds" pendulum, the rod of which, being usually made of wood, was little affected by changes of temperature, and also on account of the height of the cases (usually from 6 ft. 6 ins. to as much as 10 ft.) these clocks allowed a length of fall

long enough for the heavy weights, which supplied the motive power to the timekeeping and striking mechanism, to keep the clock going for seven or eight days with a properly designed train of wheels ; or, in some exceptional cases even a month, or a year.

The earlier clocks of this type were mostly 24 or 30 hours only, the trains of wheels and pinions being made for that period of time. They had only one weight, and were in these types often fitted with the older movements used in the brass-cased "chamber" or "lantern" wall-clocks with a short pendulum, the long cases being narrow in the waist, just wide enough to allow of the fall of the weights, which they for the first time encased and hid from sight. With the introduction of the long, or "royal" pendulum, usually vibrating in one-second, the cases were necessarily made wider to allow of the full swing of the longer pendulum : therefore between 1680 and 1700 when the long pendulums came into use the cases became wider. About the same time the train of wheels was remodelled to make the clocks go eight days.

Of the many hundreds of clocks described, the vast majority have been the much prized possessions of their present owners or their forbears for generations, and these clocks and their "pedigrees" form the real antiquarian and historical interest of this record. Unfortunately comparatively few of these old clocks bear a date. Many correspondents have very nearly fixed, by family records or traditions, the date at which a clock was made. In many cases it was one of the wedding furnishings of an ancestor whose marriage date is known and the age of the clock can therefore be fixed with precision.

Owing to the absence of public clocks there is no doubt that in remote villages, country houses, and farms, the possession of a reliable timekeeper was one of the most necessary and valued furnishings which such a home had need of. This explains why nearly every village of former times had its clockmaker, who supplied this need for good timekeepers in the district around his cottage workshop ;



often, in sparsely populated countrysides, over a very wide area.

In 1908, Mr. Harwood Brierley asked in *Chambers Journal* what was the cause of the decline of this cottage industry, and answers his own question—"Less cumbersome but much inferior clocks, designed to take up less room were made and sold at no cost worth mentioning. New style jostled against newer style as America, Coventry, Birmingham, and Germany, overstocked the market with competitive wares. By-and-by the world's workers began to argue that if they could buy a clock with an alarum for less than five shillings, why should they spend eight sovereigns on one without an alarum? My story is told: I cannot at present call to mind a single town or village where a grandfather clock has been made these forty years."

Britten in his book "Old Clocks and Watches and their Makers," states that with the advent of these cheap types of clocks between 1850 and 1860 thousands of fine old "grandfathers" were scrapped, the cases chopped up for firewood and the substantial brass movements consigned to the melting pot. I thought this statement was somewhat exaggerated when I read it, but it was confirmed in a talk I had with an old dealer in antique furniture in Keswick last August. He told me that in his young days grandfather clocks only fetched a few shillings at local auctions, he had bought many a score for 2s. 6d. or 5s. each, had broken up the cases and had sold the brass movements to local foundries for their weight value as old metal. A further cause of the decline of this fine village industry (which has left us so many examples of splendidly honest craftsmanship) was that about the middle of last century the industry tended to centre in large factories in certain big towns—London, Coventry, Birmingham, etc., machinery took the place of hand work, what we now term "mass-production" started in the clock-making industry and parts of clocks were made by the hundred by machinery and consequently much cheaper than the ancient hand-work production. In face of this

it is fortunate that we in the north have so many of these fine specimens of clock-making and clock-casing still preserved.

In addition to the timekeeping and striking trains of mechanism most of these old clocks had also subsidiary mechanical devices for showing the day of the month and the phases of the moon. The first of these secondary indicators was no doubt a needful adjunct in isolated districts before the advent of daily newspapers or calendars to keep the exact day of the month before dwellers in remote places. As these more modern reminders of the date developed, the calendar mechanism of the old clocks fell into disuse, or were apparently deliberately disconnected by clockmakers when doing repairs. Probably the reason was that owing to the varying numbers of days in the months this calendar mechanism had to be adjusted by hand nearly every month, and it added a complication to the clock movement which was better out of the way when it became obsolete. In reading the description of the old clock cases, many of them of elaborate design and beautiful workmanship, one is impelled to ask, "who made the cases?" The movements (or "works") were undoubtedly the handicraft of the old clockmakers whose names are upon them, and in some cases it is recorded that the clockmaker was also a skilled dial engraver, and no doubt finished his dial as well as his movement. Other clockmakers "put out" their dials to be engraved.

Thomas Bewick, the celebrated engraver of Newcastle-upon-Tyne, when an apprentice engraved clock dials. He complained that the work made his hands so hard that he nearly abandoned his craft in disgust. A very large proportion of the dials described are painted, usually a white background with the chapters (or numerals) in black, and with coloured decorations in the four corners, in the centre, and in the arch above the dial, where the phases of the moon indicator was usually placed. These paintings are of diverse subjects, whilst in some cases they are crude enough to warrant the assumption that

they were the work of the clockmaker; in other cases they are more probably the work of another and more skilled artist in oils, and, as in the known cases of engraved dials, were "put out" by the clockmaker to be decorated.

Unfortunately, in nearly every instance, the names of the men who made the beautiful cases of fine workmanship which encased these old clocks have passed into oblivion. Of the hundreds of clocks and cases described in this list there are only a very few in which the case-maker's name is preserved. For instance a correspondent, describing a clock by Willis of Felton, Northumberland, writes:—"The case was made by my wife's great or great-great grandfather, John Wilson, the elder or younger." We know from the beautiful illustrations published by Chippendale and Sheraton, that they both designed and probably made clock cases each in their own fine and original styles; and many lovely examples of this branch of their craft are in existence, especially in and around London, such as the well-known and beautifully cased clocks at Windsor Castle, and at the India Office.

I do not think the men who were skilled workers in brass and steel as clockmakers also turned out the cases, many of which show a very highly trained technique in carpentry. Nearly all records of the case-makers are lost, and yet the case is often the most attractive feature of the clock. This is a side of the subject which I suggest members of the Carpenters' company of the freeman of Newcastle-upon-Tyne, or of other cities and towns in the north, might investigate with interest. The long-case clock—now popularly known as the "grandfather"—made its appearance in the reign of Charles II. and early specimens were fitted with either balance or short pendulum escapements, the long one-second pendulum, however, was fitted in most of the clocks made towards the end of the 17th century. One of the very earliest clocks of this type was made by a north country clockmaker, John Ogden, of Bowbriggs, Yorkshire, and is described and illustrated by Britten, in his book. The case is of oak, straight and square without any plinth; and the head is

also square with some carving upon it. It bears the initials E.F.M. and the date 1681 carved on the case: it was made for Edward and Margaret Fawcett, who lived at Hardraw.

Unfortunately very few of the old clockmakers put a date upon their work: nine out of every ten of my correspondents end their letters with a query: "What is the date of the clock?" That question has been a most difficult one to answer. As I have already mentioned some owners have been able to fix the date of their clocks through generations of ownership in the same family and by tradition or record. Others can only say it is "believed to be 150 or 200 years old." These guesses, judging from the description of the clock, are, in many cases, obviously incorrect. In the absence of the records of local clockmakers' companies the only other means of fixing the dates at which the old makers lived and worked is by searching old directories, parish registers, and other records. Directories were not generally published in the provinces before the latter part of the 18th century. They give valuable data after they appeared; and I have searched many of them thoroughly: as to parish registers, some most valuable data have been sent to me by correspondents interested in old clocks, which I gratefully acknowledge in detail in the schedule of references which follow these notes. One authentic source of information is entirely lacking in Newcastle, and as far as I know in most of the big cities or towns of northern England, that is the records of a clockmakers' company.

In compiling his history of former London Clockmakers the late Mr. F. J. Britten had in the ancient and accurate records of the Clockmakers' Company of London, dating back to 1630, a most valuable source of information as to when members were admitted and qualified to work at their trade.

It has often struck me as curious that no such company was formed amongst the Freeman's Companies of Newcastle, as records show that the industry was an important one, and engaged many master craftsman in Newcastle-

upon-Tyne; more than the Goldsmiths, for instance, who were amalgamated with the Plumbers, Pewterers, and Glaziers until the year 1702, when a special act of Parliament created them a separate body, with powers to look after the interests of the public by stamping all gold and silver wares passed as correct legal standards by their assay master with their Hall-Mark; and to regulate all matters concerning the conduct of their trade in the town.

Writing of the goldsmiths of Newcastle reminds me that on some old clocks, and in some old directories, the name of a woman appears as a clockmaker. I think that may be explained by the supposition that the business of a deceased clockmaker was carried on by his widow, the journeymen making the clocks. Clockmakers took apprentices, the latter grew up into skilled journeymen, and if the master was in a large way of business, probably remained in the employ of their master.

A parallel case to this is found in the Goldsmiths' Company of Newcastle-upon-Tyne, in that of Anne Robertson, whose "Makers Mark" of A.R. is quite a frequent one on old Newcastle silver about the commencement of the 19th century. When her husband John Robertson died, his widow Anne carried on the business of silversmith, registered her initials as her "makers mark" at the Newcastle assay office of the Incorporated Company of Goldsmiths, and, if one may judge by the numerous specimens of plate bearing her mark, carried on a large business. Therefore it is quite possible that the widow of a deceased clockmaker might have found herself left with a good business, with capable journeymen clockmakers and decided to continue it in her own name.

Most of these clocks were doubtless made by men who were clockmakers to trade, but there is evidence that an amateur sometimes tried his hand at clockmaking. Such a clock described is one which bears the name "Frs. Henderson:Etill." It is a grandfather clock in an oak case, with a brass dial, and the present owner writes that her "father used to say it was made by a blacksmith at Ford, but I expect 'Etill' is really meant for Etal."

Ford and Etal are two small villages in north Northumberland, the latter famed for its picturesque group of thatched cottages; a 15th century village still surviving in the 20th century—between these two villages, only about a mile apart, is Ford Forge, on the Till. This old forge served the countryside for miles around for blacksmithing work. It is quite possible that the Ford Forge blacksmith made this clock, and living at "Etill" put his name, and the name of his village home upon its dial.

In classifying the names of clockmakers in the alphabetical list I was struck with two facts. Firstly some names stand out very prominently on the list as represented to-day by much surviving work. Such names are those of Murray in Northumberland—Wm. Murray of Rothbury, many of his descendants being clockmakers—the Ogdens of Yorkshire, the Porthouses of Cumberland, and numerous others. Secondly, there are a large number of names (those extracted from old directories) without any examples of their work being described. I know examples do exist as during the last few years when travelling about the north country to Leeds, Halifax, Huddersfield: or York to Berwick on the east coast: or from Manchester to Carlisle and intervening towns on the west coast, and also in inland towns and villages, I have seen and made notes of many clocks of which descriptions have not been sent to me.

Wide as has been the interest taken in this subject I believe the information as to old north country clocks can be largely supplemented if anyone reading this record will note and send to me descriptions of the work of clockmakers in the alphabetical list, especially of those without any specimen of their work described. I know, from personal observation, that examples of the work of former north country clockmakers exist. The hotels of the Lake district have many specimens, it would add interest and value to them if their makers, date of working, and some further historical notes were on record. I regard this work as a preliminary effort to obtain a complete record of the fine work of these old craftsmen and appeal to all owners

of old clocks who look through the alphabetical list and own a specimen of the work of one of the old makers mentioned in it, but not described, to send me a full description, style of clock, whether grandfather, wall, or bracket, or in very early specimens brass lantern clocks, description of case, wood decoration, shape and measurements, and details of dial, whether brass or painted, square or with arch, decoration and whether with one pointer or two, second dial or date calendar dial : and any exceptional features in the case dial or mechanism, in the latter case such as one weight or two, or if fitted with chiming mechanism, etc.

Owners, and also clockmakers, seem disposed to exaggerate the age of old clocks : a correspondent describing a clock by David Hastings of Alnwick, states " there is no date on it but the watchmaker who cleaned it puts its age at about 200 years, I give his opinion for what it is worth."

David Hastings name appears in Tate's " History of Alnwick," as supplying a public clock for the town in 1771 so, as he worked 150 years ago and possibly earlier, the watch-maker's estimate of the age of the clock described was not so very far wrong. I think the tables I have compiled will give some nearer dates as to when these old makers worked.

I have not recorded makers' names which appear after the middle of last century, as owing to machine production they were probably not actual makers.

NOTES ON THE INDEX.

In analyzing this list of old clockmakers of the north of England, there are two outstanding features.

The first is the large number of names from old directories, without any specimen of their work being described. The second is that some names predominate by the number of specimens of their work described, or by the number of members of the same family who were clockmakers for two or more generations. The numerous specimens of the work of any one maker may be, to

some extent, accidental, correspondents interested in the subject may have sent descriptions of their clocks and they may happen to be of the same maker. Clocks of other makers may be as numerous, but being in the possession of persons not interested in this subject, have not been described. The general destruction, already alluded to, may also account for the few descriptions of the clocks made by certain clockmakers.

The craft of clockmaking was hereditary, in some northern families. Three are authentically established—the Murrays, of Northumberland; the Ogdens, of Yorkshire; and the Porthouses, of Cumberland.

William Murray, of Bellingham, and later of Rothbury, was an exceptionally skilled clockmaker, and educated his four sons in the trade; they settled as clockmakers in Rothbury, Bellingham, Richmond in Yorkshire, and Dumfries.

Eight of his grandchildren practiced the craft; two in or near Dumfries, three in Newcastle-upon-Tyne, two in Morpeth, and one went abroad—thirteen members of three generations of one family all clockmakers. An interesting note will be found in the index under the name of William Murray.

The name of Ogden is well known on clocks in Yorkshire, Durham, and Northumberland, the descendants of John Ogden, who made the clock dated 1681 at Bowbriggs previously described, migrated to other towns. A son of John, born in 1704, settled in Sunderland, two nephews, Samuel and Thomas (died 1769), and another nephew named Samuel, in Benwell, near Newcastle-upon-Tyne. We also find a Bernard Ogden in Darlington (*circa* 1740); John and Samuel Ogden in Alnwick, and an Isaac Ogden in Halifax, presumably all descendants of John Ogden of Bowbriggs.

The Porthouses, of Penrith, were also well known makers. John, who died in 1787, is represented in the list by six clocks. George (senr.) died 1780, William died 1890, aged 84 (six clocks described), George (junr.) died 1817 aged 84, and a William is amongst the Penrith clockmakers in a directory of 1820-21, and may be the William who died in 1890.

Mr. Edward Wooler, states that two of the Porthouses went to Barnard Castle and Darlington. William of Barnard Castle and, after 1784, of Darlington, is amongst the clockmakers in the *British Directory*, 1790-95; he died in 1815, aged 77; and another Porthouse died at Darlington 1800, aged 45.

The Airey family may also have been related; Robert, Smith L. and Mrs., of Sunderland; John of Hexham, and Smith of Wooler. The name Ayre of Gateshead is possibly another spelling of the same family name.

Thomas Atkinson (1739-47), of Newcastle; Joseph of Gateshead and Newcastle (1790-1804); Thomas of Gateshead and South Shields; also suggest family relationship; as do also the names of John, Joseph, Thomas, and William Bell, all of Hexham.

Similarly the Blaylock family of Cumberland were probably related, as men of that name were clockmakers at Longtown (1811), J. at Keswick (1811), John at Carlisle (1847-1870), and I. and W., and William at Carlisle.

The Burtons of the Lakeland were another prominent group of clockmakers; Samuel and Thomas, of Hawkshead (1690); James of Whitehaven (1790-1811); Emanuel, of Kendal (1790-1828); John and Isaac, of Ulverstone (1814-24), and William of Kendal.

In an article on "The Quicks Burning Plas in Sidgatt Newcastle" by Mr. Maberly Phillips, published in *Archaeologia Aeliana*, N.S. XIII, p. 248, there is an interesting note upon Thomas Greaves, a watchmaker on the Quayside in the late 18th and early 19th centuries. Other clockmakers named Greaves were John (1780-95) and Richard, both of Newcastle.

In Liverpool the names of George, Gerald, Henry, James, John, and Richard Hornby are in the lists of clockmakers, and suggest family relationship. In Brampton, Cumberland, there were four persons named Wallace who made clocks there and were probably related. Two members of this family put the year of origin on their clocks, a rare and valuable help to the historian of the craft, who has to search amongst old directories, parish registers, and local records, to find even an approximate date when a clockmaker lived and worked.

Blackett Wallace worked between 1740-60, and clocks described in the alphabetical list are dated 1747 and 1760; Thomas is represented by two clocks dated 1740 and 1760. William is recorded in a directory of 1790-95, and an M. Wallace also made clocks; all were of Brampton.

In addition to these names it would appear that there was another Thomas Wallace, whose name cannot be the Thomas on a clock dated 1760, as an inscription on a tombstone in Brampton churchyard reads: "Here lies the body of Thomas Wallace, clock-maker of Brampton, who departed this life July the 21st, 1748, aged 38 years, Restored by R.E.M., A.D. 1892."

Jonas Barber of Winster, Westmorland, was a prominent north country maker who turned out some exceptionally fine work. He worked from about 1682, and died in 1700. Mrs. Rawnsley of Grasmere sent me some interesting notes on the Barber family of clockmakers, compiled by Mr. George Middleton of Ambleside, who gives Jonas Barber a very high character for conscientious craftsmanship. In these notes Mr. Middleton states that the plague of London (1665) followed by the great fire of London (1666) created a great demand for clocks to replace those destroyed, and Jonas Barber "then young went to London with the emigrating stream. At such a time sterling qualities would be highly esteemed, and steadily rising in his calling, Jonas Barber, at length ventured to try his fortune as a masterman; then came the honour of his distinguished fellows welcoming him into the city guild designated

the Clockmaker's Company. Influenced by the industrial situation, and not a little by love of the fells and dales of his native region, Jonas returned north, and settled upon a beautiful tract where existed no congestion, where a possible customer was seated in every scattered homestead, and where miles intervened between his horological hive and any competition. For a complete century—from 1682, or not long after, till about 1785—Bryan houses, Winster, became the picturesque headquarters of the famed clock and watchmaking house of Barber." Mr. Middleton states that Jonas Barber, when in London, became familiar with all new devices and latest improvements in clockmaking and clock-casing; and this knowledge led him to produce only fine specimens of horology. His business, after his death in 1720, was continued by his sons; a clock exists bearing the name "I. Barber, Winster, 1750"; and a watch "I. Barber, Winster, 1755." Later, depression falling upon the clockmaking industry at Winster, "the grandsons, and perhaps one or two great-grandsons of the firm's originator submitting to adverse circumstances, closed down their Winster business, and diverted their energies to that hustling capital which had proved the first great stepping stone in the history of their house."

Some half-dozen clock and watch makers of London of the name of Barber are recorded in Britten's book, their names Mr. Middleton gives as descendants of the founder of the family, Jonas Barber of Winster, and also three of the name in York. Clocks bearing this name are described in the index.

Other outstanding names in the list, if one may judge by the number of clocks described, are John Bolton, of Chester-le-Street, and Durham; who was a maker of church and turret clocks, and of seven specimens of grandfather clocks described by correspondents.

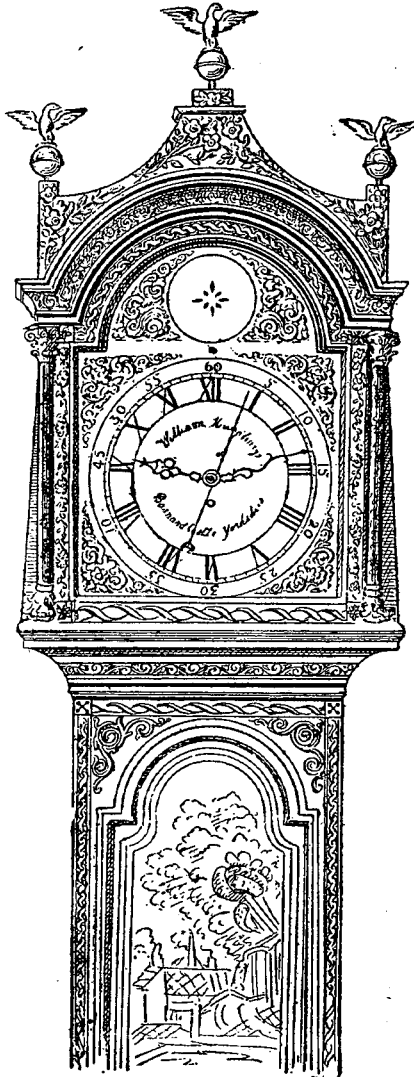
Joseph Daglish, of Alnwick, is represented by six existing specimens; Gibson, John, M., J., and T., by eleven specimens. Joseph Harle, of Rothbury (6), David Hastings, of Alnwick, was maker of a turret clock, and four "grandfathers."

Hendrie, of Wigton; born 1680 and alive in 1721, is one of those makers whose name I have recorded as a clock maker, most of the specimens of his clocks described, I personally noted in shops and hotels in Lakeland last August and September. His name suggests that this list could be made much more complete, if owners of old clocks would send descriptions of them, to supplement what is too often merely a name and date taken from a directory.

In point of notoriety William Humphreys, of Hartlepool, may claim to be the most famous clockmaker in the north of England, or perhaps in the world, his masterpiece has been immortalized by Charles Dickens in *Master Humphreys' Clock*.*

* This block is reproduced, by permission of Mr. A. Munro Sutherland, from a print in the *Monthly Chronicle*, July 1887.

William Humphreys was born at Barnard Castle in 1812, and displayed in early life a gift for mechanical work. At the age of



16 or 17 he commenced to make the famous "Master Humphreys Clock," which, let it be said, was no poetic creation of a novelist's fancy, but a remarkably original advance in horological design of

its day. It was probably one of the first clocks made with the "centre-seconds" hand, instead of bearing a small seconds-hand subsidiary dial within the ordinary dial, and was fitted with a pendulum designed to "compensate," or counteract, the effect of changes of temperature upon its length, and thus ensure exactness of timekeeping. The clock was completed in 1829. Charles Dickens, in search of material for his picture of Dotheboys Hall in his novel *Nicholas Nickleby*, stayed at an inn in Barnard Castle near Thomas Humphreys' shop, and was wont to drop in nearly every morning to get the correct time from a grandfather clock which stood in the shop, and one day enquired of Thomas Humphrey who made it. He replied "My lad there," and the great novelist thereupon christened it "Master Humphreys' Clock."

Other notable makers were the Ivisons, Henry, of Carlisle (1811), John, of Carlisle (1811-28), who is the maker of five clocks described, and Richard, of Kirkby Stephen.

Richard Jackson, of Hexham, is represented on the list by five clocks.

Richard Marshall, of Wolsingham, Co. Durham (1740-96), was one of the few makers who dated his work, clocks described bear dates of 1740, 1752, 1754, 1769, 1770, and the accuracy with which we can fix the period of these clocks makes them more interesting and valuable than undated examples.

The Maules, of Wooler and Coldstream, who made clocks in the early part of the 19th century, were possibly related; the names of Andrew, George, John and William, of Wooler; and William of Coldstream (*circa* 1827) are recorded.

Thomas Morpeth, of Hexham, has his name recorded on six clocks still in use. Michael Robson, Chester-le-Street (five clocks), Elizabeth (? his widow) Samuel Robson, of North and South Shields (nine clocks), William Robson, of North Shields (three clocks) are examples of makers whose names and productions are on record, but there is no clue to the dates at which they produced.

John Simpson, of Wigton, was evidently one of a school of clockmakers in that town who produced work of a high order, and four clocks of his make are described.

A curiously cased clock, by another Wigton maker, John Sanderson (born 1680, alive 1745) is described and illustrated in the index (Plate XXXV.).

William Tickle, of Newcastle, is the maker who has the largest number of clocks described—fourteen in all—and one may assume he manufactured on a large scale. John Walker (1760-95), of Newcastle, comes next in point of numbers, with twelve clocks recorded, including the great clock which he made for St. Nicholas' church tower, and the remarkable 365 day clock now in the Lord Mayor's chamber in the Town Hall, Newcastle-upon-Tyne, which he made about 1770 (Plate XXX.). Probably he was also the maker of the Mansion House clock, which also goes for more than a year; it was sold at the Mansion House sale in 1837.

I have mentioned the paucity of information given by many correspondents merely stating they owned a "grandfather" clock by a certain maker. The following letters are valuable contributions to an attempt to put on record the history of north country clocks and their makers.

From Mr. JOHN BRIGGS, Wakefield.

My great uncle, John Briggs, of Skipton and Gargrave, was a famous clockmaker at the end of the 18th century. He was born in 1770, and died at Skipton, 1853. His business was originally at Skipton. I have reason to believe he succeeded an uncle, William Briggs in the business. Early in the 19th century, or at the end of the 18th century, Skipton declined very much, and with the building of the Leeds and Lancaster canal, Gargrave grew into a prosperous place, and he either moved to Gargrave, or had a branch there.

My family had many of his 8 day and bracket clocks.

(1) The oldest, with a quaintly painted face, is in a very old painted case (Dutch) and bears the name "William Briggs, Skipton." This would be late 18th century. (2) My sister has the grandfather clock, "one day," in plain cottager's case, that belonged to John Briggs, an older brother; my grandfather, James Briggs born 1766, died 1844. (3) and (4) My brother also has a very handsome 8 day grandfather, and an equally ornate bracket clock by John Briggs, probably 1820 to 1840 period. (5) Another brother of mine has one with a narrow case, a chiming clock by John Briggs. (6) I possess four of his clocks: A very handsome case, oak, with beautifully chased brass face and revolving moon, showing the changes. (7) A bracket clock, probably between 1790-1815. (8) A plain cottage grandfather with painted face, a wide, so-called debased Yorkshire case, but in excellent condition. I know the pedigree of this clock: it dates back to between 1840-50. (9) A most interesting 8 day clock, whose pedigree I know. It was built for the Hart's Head old coaching inn in Skipton. The case is huge, but of splendid workmanship in mahogany, with beautiful mouldings, a carved medallion at the top, and it has a painted face with pictures of David playing the harp before Saul. I can vouch for these clocks, for my father often talked of them, he was born in 1815 and died 1910, in his 95th year.

From Mr. J. SIMPSON YEATES, Penrith.

There was a Wilkinson, Eamont Bridge (one mile from Penrith), who made a few clocks; the date is uncertain, but it was probably about 80 to 100 years ago. I have seen the name on one or two grandfather clocks. I have not seen any bracket or mantelpiece clocks made by local makers. It is singular that the last Porthouse died in 1817, the year Thomas Yeates, my grandfather, began business in Penrith. There were three generations of Porthouses who made clocks there, John

Porthouse, William Porthouse, and John Porthouse (apparently the grandson) dating from about 1720 to 1800. The last was probably out of business some years before my grandfather started. My great-grandfather was a clockmaker in Whitehaven, probably about 1780 to 1817, but I have been unable to find any information about him. Thomas Yeates (his son and my grandfather) did not make many clocks, but they were all good, and many, if not all of them, are still in existence. He retired from the business in 1852. My father, Simpson Yeates, carried on the business from 1852 till 1882, but never actually made any clocks.

I don't know whether John Rawson, Penrith, ever made any clocks, or John Frost, of Keswick, but I have seen their names on old silver, pair-case verge watches, always with very good sound movements. They died probably about 1820-1840. My grandfather was 74 when he died. I much regret that I cannot give you any more information, but will send on any additional notes that may come my way. Dr. M. W. Taylor, of Penrith, once gave a lecture on the Porthouses, and you might find it in one of the back volumes of the Cumberland and Westmorland Antiquarian Society.

From Mr. H. MURRAY, Blyth.

I am the son of W. Murray, clockmaker, of Rothbury, and perhaps might give you some more information than you have. I had three uncles, clockmakers of Bellingham; John Murray died at Dumfries, and there are a number of grandfather clocks in that district made by him. Andrew Murray, Bellingham, made a few grandfather clocks, and died at Bellingham. Robert Murray, Richmond, Yorkshire, made a timepiece under a glass shade, it has a flat plate with half ball, which running diagonally knocks a catch off and reverses; it is in the shop of Mr. Mack, King Street, Richmond, Yorks. My father, W. Murray, made three musical clocks, one owned by Mr. Storey, Linden Hill Head, was commenced with the intention of showing it at the London Exhibition of 1851, but he did not get it finished in time; it has quarter chimes, and plays a well-known air for the hour. The second was made about 44 years ago, the third about 1885, of this I can send you a description if you require it. It has 21 bells and 24 reeds, 12 apostles, shows sun, moor, etc. It is in the possession of a nephew of mine at Newcastle.

From Mr. J. H. WILKINSON, Annan.

This clock, made by Finney, Liverpool, which stands in the hall of a country mansion within a short distance of Annan, attracts attention by its imposing height of over 9 feet, and massive, but symmetrical proportions. The beautifully grained mahogany case, the colour mellowed by age, is enhanced by contrast with various gilded carvings and solid ormolu terminals

to the quadruple fluted side columns, apart from its mechanical interest, it is a charming example of the cabinet maker's art of the Georgian period. A unique feature of this case door is the insertion of a spiral tube barometer, having a round silvered brass dial. Its chief interest, however, is in the planetary indications shown, on the elaborately engraved silvered and lacquered brass dial, by various indexes, giving the earth's "time table," on its annual journey round the sun, supplementary to the lesser divisions of time as marked by an ordinary clock or watch. The seconds hand, unlike the usual short one, extends from the centre of the dial, and circulates its whole circumference in a minute, in front of the hour and minutes hands. The following observations are all duly recorded in their proper sequence, when it is correctly set to time, the days of the week, phases, and age of the moon, and hours of rising and setting, days of the calendar month, times of the sun rise and setting, dawn and twilight, spring and autumn equinoxes with the sun's position in the zodiac, and degree of altitude above the horizon; and finally the longest and shortest days of the year in June and December. It has the very uncommon principal of a compensation pendulum for variations in temperature, but too technical to describe here. It is also a musical clock playing seven tunes on 16 bells. It is arranged to play "New London" on a Sunday, "Cupid's Alley" on Monday, "March by Handel" on Tuesday, "Fill Every Glass" on Wednesday, "Charming Phyllis" on Thursday, "Happy Clown" on Friday, and "Spanish Friar" on Saturday. It plays each respective tune thrice over at the hours of four, eight, and twelve; or can be made silent if wished. Through the "corroding hand of time" the melody is somewhat impaired for a critical ear, though owing to some occult cause, "New London" on Sunday is still very good; the dial bears the name of "Finney of Liverpool," by whom it may be inferred the clock was made towards the close of the 18th century.

About the year 1700 the craft of clockmaking as a business industry had extended from the largest centres to the provinces, and down to 1850 almost every town, and large village even, had one or more practical clockmakers. Amongst such were to be found some of the most ingenious mechanics and astronomical instrument makers of their age. Many useful inventions, too, which afterwards developed into large manufacturing concerns of important benefit to mankind, had their inception and initial experiments in a clockmaker's workroom.

In the two past centuries such clocks as above described being the product of individual labour, with no duplication of parts by machinery, were necessarily expensive, some of the more complicated ones being worth £100 to £200 and even more.

In addition to their attractions as curios, they were useful as a permanent substitute for almanacs. These publications, previous to 1775, from the reign of James I. were a monopoly of the Universities of Oxford and Cambridge, and the Stationers Company, and would not be widely distributed. Even after free trade in them was established, their circulation would be restricted by a tax of 1s. 3d. on each copy. This tax was not removed till 1834, thus clearing the way for almanacs at "popular prices." Long before that stage had been reached, however, the ordinary and cheaper forms of grandfather clock had been furnished with an aperture in the dial, or an additional hand, showing the date of the month, and later with a moon and its age, which was sufficient for everyday needs.

From Mr. E. LIONEL PETTY, Padisham.

The clock described was made by the late Jonathan Cryer, of Bingley, a man who made many of the church clocks in the district; he died about 37 years ago. I remember as a young boy going to see this water clock about 40 years ago. The clock is a built in one, with two large dials (2 feet 6 inches) one side there is just the hours, with a transparent dial showing the works and pendulum, in addition to the hands is a long one like a minute hand, but I am under the impression that it only goes round once in three minutes (evidently for egg boiling purposes) but I am not at all sure on this point. The other dial has three smaller dials contained in the large one, one of which is just an ordinary clock face, one a barometer, and one showing the days of the week, 'A.M. and P.M. each day; round the outer circle of the dial are the months and days of the year. The whole is run by a water wheel, which is in the bottom part, and is about 3 feet in diameter. The clock will just about fill an ordinary door-way, one dial in the hall, and one in the room. The pendulum consisted of a casting of the royal coat of arms, painted in their proper colours, and was very heavy, but unfortunately it has been stolen during alterations at Woodridge Crosshills, where the clock was last erected.

The First Newcastle Directory, 1778, gives the names of twelve clockmakers as below:—

CARNABY, JOHN, East Side, Sandhill.
 COVENTRY, WILLIAM, West End of the Low Bridge.
 FENTON, WILLIAM, East End of Denton Chair.
 GREAVES, WILLIAM, Foot of Plummer Chair, Quayside.
 HARRISON, JOHN, Side.
 HAWTHORN, JOHN, Pudding Chair.
 PEARSON, THO., near the Vine, Flesh Market.
 STOKELL, HUGH, near Painter Heugh, Pilgrim Street.
 STRACHAN, ARCH., Hugh Bridge.

TICKLE, WILLIAM, Wool Market.
 WALKER, MRS., Near Castle Stairs, Close.
 WILSON, JOHN, near Black Swan, Fleshmarket.

Whiteshead's Directory of Newcastle, 1790.—Clock and watch-makers :—

THOMAS GREAVES, Quayside.
 JOHN HARRISON, Side.
 WM. RAWSON, Fleshmarket.
 JOHN RAWSON, East Side, Sandhill.
 JOHN SCOTT, Sandgate.
 THOMAS SMOULT, Groat Market.
 JOHN SHIPMAN, Burrels entry, Side.
 HUGH STOCKELL, East end, Low Bridge.
 ARCHIBALD STRACHAN, High Bridge.
 WM. TICKLE, SENR., Westend, Mosley Street.
 WM. TICKLE, JUNR., Bigg Market.
 JOHN WALKER, Close.
 JOHN WEATHERSTON, Wool Market.
 JOHN WILSON, Mosley Street.
 JOSEPH ATKINSON, Bottle, Bank.

An alphabetical list of clockmakers in the counties of Northumberland, Durham, Westmorland, Cumberland, Yorkshire and Lancashire, with some from other districts, with date, and description of clocks still in existence.

The capital letters at the end of the paragraphs in this index refer to the following contributors and books of reference.

- A. A list of clockmakers compiled by the late T. H. Gofton, Gosforth, Newcastle-upon-Tyne.
- B. "History, Directory and Gazetteer of the County of York." Ed. 1823. A list extracted by Mr. James F. Hobson.
- C. Noted by Mr. James F. Hobson.
- D. Noted by Mr. D. D. Dixon, Rothbury.
- E. Noted by Mr. W. A. Cocks, Ryton-on-Tyne.
- F. Noted by Mr. Edward Wooler, Darlington.
- G. Whitehead's Directories of Newcastle 1778 and 1795.
- H. Mackenzie & Dent's Directory of Northumberland, 1811.

- K. Parsons & White's Directory of Northumberland, 1827.
- L. From a list made by Mr. J. H. Wilkinson, of Annan, N.B; principally of Cumberland and Westmorland makers.
- M. Commercial Directory, 1820.
- N. A list published by "Borderer" in "The Penrith Observer."
- P. "Universal British Directory, 1790-5," a list published in "The Yorkshire Weekly Post," July 25th, 1908.
- Q. From a list of Lancashire clockmakers published in "The Yorkshire Weekly Post," October 24th, 1908. (Compiled by Mr. S. H. Hamer, Halifax.)
- R. From a list of Cumberland and Westmorland makers, compiled by Mr. Hugh Machell, Lakeside, Ulverston.
- S. From a list supplied by Mr. T. P. Cooper, of York, from a Directory dated 1790-95.

My thanks are due to these helpers and to the many hundreds of correspondents who have sent to me the names of makers and descriptions of their clocks, sometimes accompanied by sketches of interesting details of workmanship. I also wish to acknowledge the great help given to me by my daughter Phyllis in compiling this index.

ABBOT, WILLIAM, Prescott. P.

ABRAHAM, S. S. & B., 4, Bethel Street, Norwich.—1854. A.

ABRAHAMS, PHINEAS, 22, Paradise Place, Hull. B.

ABSALOM, LEE, East Rudham, Norfolk.—1854. A.

ACEY, PETER, York.—1656. C.

ADAMS, T., Middlewick, Cheshire.

Grandfather, polished oak, top with a Corinthian pillar down each side. Square dial with four ornamental corners in brass, the time dial is round with an outer row of old English figures and an inner row of Roman numerals. Seconds and days of the month dials. On either side of the hands is a brass figure in relief of an eagle with outspread wings, a figure of a child sitting astride upon it with a scroll in its hand.

ADAMSON, Tadcaster.—1820. R.

Grandfather.

ADCOCK, JOHN WM., Watton, Norfolk.—1854. A.

AGAR, York.

Tall, 8-day clock, in carved oak case.

AGAR, JOHN, Malton, Yorks. B.

AGAR, JOHN, York. A. P.

Bracket clock, about 1740. (A). 1765-90 (son of John Agar). (A).

AGAR, SETH., York.—1743. C.

AGAR, THOMAS, Bury.—1814-24. Q.

AINSWORTH, GEORGE, Warrington.—1814-24. Q.

AIREY, JAMES, Grasmere.—1804-64. A.

Parish clerk. Post master and previously schoolmaster of Grasmere, died June, 1864, aged 60. Clerk to Grasmere church, 1856-62: kept the church clock in order from 1831. Is mentioned as "dressing" his clocks while he taught in school. The only clock still in Grasmere bearing his name is a grandfather, inlaid; made with white face, hand painted with a classical subject figures and landscape. There is another at Windermere. (Note by Mr. Geo. Middleton, Ambleside.)

AIREY, JOHN, Hexham. P.

AIREY, L., Wear Street, Monkwearmouth.—1844. C.

AIREY, MRS., 279, High Street, Sunderland.

White's Directory, 1847.

AIREY, ROBERT, 114, High Street, Sunderland.—1850. A.

White's Directory, 1847.

AIREY, SMITH, High Street, Sunderland. M.

118, Coronation Street, Sunderland, White's Directory, 1847.

AIREY, SMITH, Wooler. D.

On militia muster roll, 1809-13.

ALARED, & SON, George Street, Yarmouth.—1854. A.

ALDER, C. G., Blyth.

1. Grandfather, massive mahogany. The case was probably made by Geo. Marshall, Blyth.

2. Grandfather, inlaid mahogany case. 3. Grandfather.

ALDERSON, Carlisle.

Grandfather.

ALDERSON, WM., Daddry Shields, St. Johns, Weardale.—1827. A.

ALEXANDER, GEORGE, 33, Silver Street, Hull.—1840. A.

6, Vicar Lane, Hull. B.

ALEXANDER, WM., Fore Street, Hexham.—1854. A.

1. Grandfather. 2. Grandfather. 3. An 8-day clock.

ALKER, JOHN, Wigan.—1814-24. Q.

ALLEN, A., Barnsley.

Grandfather, mahogany inlaid box case, painted dial, with mechanical figure in top panel of dial, and painting of Adam and Eve in Garden of Eden.

ALLEN, P., Macclesfield.—1814. A.

ALLIN, THOMAS, Manchester.—1814-24. Q.

ALLISON, A. B., Sunderland.

Grandfather, oak, about 7 ft. 6 ins. high, brass and silver dial.

ALLISON, GILBERT, Sunderland.—1775. C, P.

1. Grandfather, "reputed *circa* 1730." 2. Grandfather.

ALLISON, WILLIAM, Liverpool. P.

ANDERSON, Huddersfield.—Date prior to 1828.

Grandfather: inlaid mahogany, oak panels in front, carved sides and pillars to hood.

Dial enamelled, with seconds and month dial, picture of farm house in arch, and coloured roses in each corner.

ANDERSON, RICHARD, Preston. P.

ANDERSON, WILLIAM, Lancaster. P.

ANDREWS, THOS., Buckenham, Norfolk.—1854. A.

ANDREWS, WM., Blackfriars Road, King's Lynn.—1854. A.

ANDREWS, WM., Harling East, Norfolk.—1854. A.

APPLETON, JOHN, Liverpool.—1814-24. Q.

ARCHBOLD, GEORGE, Hide Hill, Berwick-on-Tweed.—1854. A.

ARCHBOLD, HENRY, Gorleston, Yarmouth.—1854. A.

ARCHER, GEORGE, Rochdale.—1814-24. Q.

ARDEN, HENRY, Malton.

White's Directory, 1840.

ARLOT, THOS., Sunderland.—C. 1780. P.

1. Grandfather, brass and white dial.

ARLOT, WILLIAM, Bodlewell Lane, Sunderland. M.

ARMITAGE, THOMAS, Manchester.—1814-24. Q.

ARMSTRONG (? Gateshead or Newcastle).

1. Grandfather, oak, 7 ft. high. Dial, white, month calendar, with picture of an old tiled cottage. Originally belonged to owner's great-grandfather, who sat on the jury for the victims of the Tyne flood in 1777.

2. Grandfather, arch top case, dial has hand painted tulip, numerals old English.

3. Grandfather: common wood case, dial enamelled, painted fruit corner pieces, bowl of flowers in arch.

ARMSTRONG, JOHN, Side, Newcastle.—1811. A.

ARMSTRONG, ROBERT, Stokesley, Yorks. B.

ARMSTRONG, THOMAS, Manchester.—1814-24. Q.

ARON, DANIEL, North Shields.

Grandfather, oak, brass face.

ARTHUR, JAMES, 1, Dock Office Row, Hull.—1840. A.

ARWEN, WILLIAM, Huddersfield. P.

ASHER, G., Malings Rigg, Sunderland.—1850. A.

ASHMORE, WILLIAM, BAWTRY.—1820-41.

ASHTON, Tideswell, Derbyshire.

1. Grandfather, 30 hour, plain oak case, small square brass face, no seconds hand.

2. Grandfather, plain oak, brass dial, with date calendar, strikes the hours, has only one hand, chain wind. Date not known, 150 years since Ashton was in business.

ASPINALL, HENRY, Liverpool. P.

ASPINWALL, ROBERT, Liverpool.—1814-24. Q.

ATKIN, FRANCIS, Liverpool.—1814-24. Q.

ATKIN, JOHN, High Street, Sunderland. M.

ATKINSON, Ormskirk.

Grandfather, 30 hour, inlaid rosewood or mahogany, brass dial.

ATKINSON, JAMES, Church Street, Gateshead.—1770-77. A.

ATKINSON, JOSEPH, Bottle Bank, Gateshead.—1790-1804. A, P.

1. Grandfather, mahogany, fluted pilasters; columns to hood, dial brass, ornamental corners, seconds and calendar dials.

2. Grandfather, dial brass.

3. Grandfather, 8 day.

4. Grandfather, with square head and narrow necked case widening towards foot.

ATKINSON, JOSH., Newcastle-upon-Tyne.—1790.

ATKINSON, THOMAS, Gateshead.

Grandfather case inlaid with key pattern. Dial painted blue, and gold patterns.

ATKINSON, THOMAS, 5, Bigg Market, Newcastle-on-Tyne.—1839. C.

White's Directory, 1847.

1. Grandfather—a good specimen, made probably in the first quarter of last century. It has a painted pendulum.

ATKINSON, THOMAS, 107, Wapping Street, South Shields.

White's Directory, 1847.

AVENELL, PHILIP, Farnham. A.

Grandfather.

AYERS, THOS., Regent Road, Yarmouth.—1854. A.

AYRE, HENRY, 16, Bottle Bank, Gateshead.—1820-26, died 1827. A.

1. Grandfather, reputed date 1820, inlaid mahogany case, plain dial.

2. Grandfather, mahogany, date about 1748. At each of the four corners of the dial there is a somewhat elaborately dressed woman representing presumably the 4 seasons of the year, while in the arch over dial, there is another female figure with bee-hives and ship over, which might be taken as symbolic of Industry.

3. Grandfather, at top of dial plate there is a representation of the union of England and Scotland, consisting of two female figures sitting between the Lion and Unicorn, the picture has a portion of two stone columns, and a ship on a calm ocean. The corners of the dial plate are filled in with a floral decoration.

4. Grandfather, mahogany, painted dial.

AYRE, MARY, Bottle Bank, Gateshead. A.

(? Widow of Henry Ayre.) 1827-33. C.

AYREY, JOHN, Hexham.

Grandfather, brass dial, the days of the month are registered on it, there is only one weight to actuate the time and striking arrangements, and the weight has to be wound up every 24 hours. Originally came from Dilston Castle.

BACKHOUSE, BENJAMIN, Masham, Yorks. B.

BAINS, JOHN, Snaith. P.

BAIRD, GEORGE, Carlisle.—1811-29. N, M.

1. Grandfather.

2. Wall clock, 8-day, mahogany, 4 ft. 9 ins. in length. White painted dial, circular, mahogany rim, 14½ ins. diameter.

BAITSON, THOMAS, Market Place, Beverley, Yorks. B.

BALMER, THOMAS, Liverpool.—1814-24. Q.

BANCROFT, WILLIAM, Newborough Street, Scarborough. B.

1. Grandfather, oak and mahogany cross banded case, inlaid shells on hood, enamelled arch dial, 8 day.

BARBER, JONAS, Winster.—1682. R. Died 1720. A.

1. Bryan Houses. "Here lived many years ago one Jonas Barber a clockmaker. The Grandfather clocks made by him are highly esteemed. If one is put up for sale at an auction, the sight

of the words 'J. Barber, Winster,' ensures brisk bidding and a good price." (Note by Mr. Geo. Middleton, Ambleside.)

2. A few months ago Mr. Higgin-Birkett, of Winster, had an auction sale of old surplus furniture, including two grandfather clocks—one by Barber. The Barber example was knocked down for £18 or a few shillings over; and the other one reached about £12. There is evidence to this day of Barber's occupancy at Bryan Houses. The walls of one of the out places—his workroom—is still stuffed with old clock wheels and odd parts. This is positive evidence that we have located him. (Note by Mr. Geo. Middleton, Ambleside.)

3. Engraved brass face, shows moon's phases, purchased many years ago at Hawkshead. (Note by Mr. Geo. Middleton, Ambleside.)

4. Grandfather, oak, long and narrow, panel door, star inlaid on the centre in black and yellow wood, runs about 25 hours, weight drawn up with chain.

BARBER & NORTH, Coney Street, York.—1840. A.

BARBER & WHITWELL, Coney Street, York. B.

BARCLIFF, ROBT., Malton (? BARTLIFF, see below).

Grandfather: plain oak case, enamelled arch dial, 8 day.

BARITHWAITE, WM., Hawkshead, Lancashire.—1828. A.

BARKER, Wigan.—1760. A.

BARKER, JOSEPH, Appleby, Easingwold. B.

White's Directory, 1840.

1. Grandfather, dark brown oak, painted face.

BARKER, WILLIAM, Barnsley.

Grandfather, oak, plain brass face, 8 day.

BARLOW, BENJAMIN, Oldham. A.

BARLOW, THOMAS, Rochdale.—1814-24. Q.

BARNED & Co., ISRAEL, Liverpool. 1814-24. Q.

BARNETT, JOSEPH, 55, Market Place, Hull.—1840. A.

BARNISH, JOHN, Rochdale.—1814-24. Q.

BARNLEY, BISHOP, Market Place, Hull.—1840. A.

BARR, FIDLEE, Groat Market, Newcastle.—1833. A.

1. Grandfather, mahogany veneered on pine case, enamelled dial.

BARRETT, WM., Halifax, Yorks. A.

BARRON, J., Leeds.

Grandfather, handsome mahogany case inlaid lighter colour mahogany, figured pattern runs the length of the front part of case, height 9 ft., date unknown. Painted dial, top semicircle in foreground, Apollo riding on clouds in a chariot drawn by 4 horses, in background, a blazing sun and clouds all round the top. Corners painted 3 female figures representing Britannia, Africa and India and the fourth corner represents male figure and camel (? Egypt). Seconds dial and monthly dial painted on. The mechanism is in perfect condition and the case is a beautiful example of the highest cabinet makers art, 8 day; strikes hours on brass bell.

BARRON, JOHN, Whitehaven.—1811. L.

BARRY, JOHN, Bolton-le-Moors.—1814-24. Q.

BARTLES, EDWARD, Liverpool. P.

BARTLIFF, ROBERT, Malton. B.

(Also George Bartliff at same address.) White's Directory, 1840.

1. Grandfather, oak and mahogany case, white painted dial, with figure of female on top, seconds hand.

- BARTON, BENJAMIN, Aberford (? Yorkshire, W.).
Grandfather, mahogany, enamel face.
- BARWISE, LOTT., Cockermouth. P.
1. Grandfather, mahogany case, white dial, 24 hour.
2. Grandfather. Stood in Royal Oak Hotel, Keswick.
- BATES, GEORGE JOHN, Stalham, Norfolk.—1854. A.
- BATES, J., Huddersfield.—1814. A.
- BATT, WM., Petersfield. A.
Grandfather.
- BATTIE, JAMES, Sheffield. P.
- BATTINSON, JOHN, Burnley.—1814-24. Q.
- BAUSCH, F., Shakespeare Street, Newcastle.—1854. A.
- BAVINGTON, J., Bolton.—1814. A.
- BAYLEY, T., 52, Quayside, Newcastle.—1850. A.
- BAYNE, WM., Alstone.—1828. A. 1829. L.
- BEAMOUNT, Oundle, Northamptonshire. A.
- BEAUMONT, JOSEPH, Flanshaw (near Wakefield).
Grandfather, square brass dial, with cherub and crown brass corner pieces, one hand, engraved scrolis in centre of dial, date indicator at foot of dial. (Plate XXXIV, Fig. 1.)
- BEAUMONT, JOSEPH, Howden. P.
- BEARDS, WM., 2, Bridge Street, Hull.—1840. A.
- BEAVER, Wakefield.—Date prior to 1828.
Grandfather, oak case, inlaid with mahogany, flutes at sides, Corinthian columns at sides of hood. Enamelled dial, with picture of a sailor and soldier weeping at the tomb of Nelson.
- BECKETT, FRANCIS, Chester-le-Street. P.
- BECKETT, MANN, Durham. P.
- BECKETT, MANN, Stockton.—1753.
1. Grandfather, carved oak, steel work and embossed brass dial.
2. Grandfather, 8 day. Dial, brass, steel hands.
- BECKETT, THOMAS, Durham. P.
- BECKWITH, LEWIS MYERS, 56, Carr Lane, Hull.—1840. A.
- BEDELL, PETER, Northbridge, Hull.—1840. A, B.
- BEDFORD, WM., North Hingham, Norfolk.—1854. A.
- BESLEY, THOMAS, Liverpool.—1814-24. Q.
- BEHA, LORENTZ, St. Stephen Street, Norwich.—Died Nov. 25th, 1853. A.
- BEILBY & HAWTHORN, Newcastle.—1780. A.
1. Grandfather.
- BELL, C., South Shields.
Grandfather, mahogany.
- BELL, JOHN, Fore Street, Hexham.—1827. A.
Commercial Directory, 1820-21. "Known locally as 'Clocky Bell.'"
1. Grandfather.
2. Grandfather, plain oak, with inlay work, carved at top. Dial, white, bears the hour numerals 1 to 12, and the $\frac{1}{4}$ hour 15, 30, 45, 60, painted with floral ornaments and horns.
3. Grandfather, oak, 24 hour, No. 153.
4. Grandfather, reputed age, 1790, oak inlaid. Dial, white, painting of a head (? Wellington) over the dial.
5. Grandfather, came from Moot Hall, Wark, mahogany, about

- 7 ft. high and 14 ins. wide—recased. Dial, white, Roman figures, monthly calendar and moon's phases dials.
6. Grandfather, dial white, painting of shepherdess and gilt basket of fruit.
7. Grandfather, figured dial, winds by the chain, and one weight.
- BELL, JOHN, Leyburn, Yorks. B.
- BELL, JOHN, Market Place, Kirkby Lonsdale.—1828. A. 1829. N. 1829. L.
- BELL, JOHN, 14, King Street, South Shields. A.
White's Directory, 1847. 1850.
- BELL, Hexham.
Grandfather, inlaid mahogany, "winds up with one chain."
Dial, white, Roman chapters, with painting of Daniel in the Lion's Den in arch.
- BELL, JOSEPH, Hexham.
Grandfather, 24 hour.
- BELL, J. W., Hexham.
Grandfather, oak, 30 hour, square weight. Dial—"painted pale hedge-sparrow colour, with hand-painted milk roses, and strawberries above."
- BELL, PETER, Ganstrang.—1814-24. P, Q.
- BELL, ROBERT, 11, Davey Place, Norwich.—1854. A.
- BELL, THOS., Hexham.—*Circa*. 1825.
Grandfather, oak case, dial plain./
- BELL, WILLIAM, Hexham.
Grandfather, fir case, square head, with "Walls of Troy" carving round the top.
- BELL, W., North Shields.—1800. A.
- BELL, W., Sunderland.—1800. A.
- BELLINGE, JAMES, Liverpool. P.
- BELLMAN, DANIEL, Broughton-in-Furness.—1814-24. Q.
1. "Made clocks in last century. There were two brothers, George and Daniel." (Note by G. Wilson Butler, Broughton-in-Furness.)
2. Grandfather, "been in family 104 years" (from 1922), yellow pine case, chain wind, one weight. Dial: white, with roses painted in corners, two ships in full sail in lower part of dial, month calendar.
- BELT, THOS., Westgate, Guisborough.—1840. A, B.
- BENFIELD, HENRY, Market Place, North Walsham.—1854. A.
- BENNETT, WILLIAM, Liverpool.—1814-24. Q.
- BENSON, JN., South Shields.
Grandfather, mahogany veneer, with pretty figured door of Sheraton like satin wood inlay. Dial: enamelled white, a landscape on an oval plate above dial and coloured figures in corners.
- BENSON, J., Whitehaven.—*Circa* 1711-90.
- BENTLEY, JOHN, Thirsk.—1791. C, P.
1. Grandfather, oak.
- BENTLEY, Darlington.
1. Grandfather, about 8 ft. high, mahogany case with pediment cap, fluted columns, and finely decorated with maple inlays; dial, silvered.
2. Grandfather: owner places date about 1730, oak case, carved, 30 hour. Dial, silvered, with brass dolphin corner pieces.
3. Astronomical clock about 120 years old F.

4. Grandfather, oak, dial: brass, silvered rim for chapters and semi-circle in arch with maker's name.
5. Grandfather. 6. Grandfather.

BENTLEY, R., Stockton. A.

Grandfather, stained case.

BERRINGTON, JAMES, St. Helens.—1814-24. Q.

BERRINGTON, JOHN JOHNSON, Bolton-le-Moors.—1814-24. Q.

BERRY, ARTHUR, Liverpool.—1814-24. Q.

BERRY, JAS., Pontefract.

Grandfather: oak and mahogany case, shell inlay. Dial: brass, pierced corner pieces and hands, seconds and month dials.

BERRY, WM., Gateshead.—1810. A.

BEST, THOS., Newcastle.—1785. A.

BETHELL (or BITHELL), JOHN, Warrington.—1814-24. Q.

BEVAN, Wigan.—1814-24. Q.

BEWICK, THOS., Durham.—1715. A.

BICKERSTAFF, PETER, Liverpool.—1814-24. Q.

BICKERSTAFF, ROBERT, Liverpool.—1814-24. Q.

BICKERSTAFF, WILLIAM, Liverpool. P.

BILLINGE, WILLIAM, Liverpool.—1814-24. Q.

BINCH, THOS., Mansfield.—1737. A.

Grandfather, 30 hour.

BINKS, ANTHONY, 16, Blackwellgate, Chester-le-Street. A.

White's Directory, 1847-50.

BINKS, THOS., Barningham.

Grandfather, 30 hour, brass dial.

BIRCHALL, GEORGE, Warrington.—1814-24. Q.

BIRCHALL & SON, Warrington. P.

BIRD, CHARLES, Liverpool.—1814-24. Q.

BLACKMORE, THOMAS, Liverpool.—1814-24. Q.

BLACKWOOD, WILLIAM, Union Street, North Shields. M.

1. Grandfather, Spanish mahogany, "made about the year 1811 as that date is chalked inside the bell." 8 day.

2. Grandfather, mahogany.

BLACKWOOD, W. & J. T., 5, Tyne Street, North Shields. A.

White's Directory, 1847-51.

BLADES, JOHN, Kirby-moorside, Yorks. B.

White's Directory, 1840.

BLAGBURN, J., 106, High Street, Gateshead.—Died 1878.

Clocks dated 1845-54-68.

1. Long case clock, mahogany, with painted arch top dial with small calendar dial and hand, 8 day, striking the hours on the usual large inverted cup bell, about 6 ft. high. (Note by Mr. J. M. Brown, Nanaimo, B.C., Canada.)

2. Grandfather, mahogany, white dial, painted rural scenes at corners.

3. Grandfather, spanish mahogany, 7 ft. 10 ins. high, four twisted pillars, dial white, with picture of a farm scene.

4. Clock now in Vancouver.

BLAKEBOROUGH, HENRY, Burnley.—1814-24. Q.

BLAKEBOROUGH, Otley.

Grandfather: 30 hour, endless chain wind, polished oak case inlaid mahogany. Dial is painted with figure of a woman sitting by a spring, and in each of the 4 corners is a cornucopia with roses on each side.

BLAKEBOROUGH, H., Segburn.

Grandfather: one weight and chain.

BLANCHARD, WILLIAM, 11, Silver Street, Hull. B.

BLANCHARD, WM. & SON, 11, Silver Street, Hull.—1840. A.

BLAYLOCK, J., 53, Scotch Street, Carlisle.—1847-70. L. 1850. A.

1. Grandfather, oak, inlaid with mahogany. Dial painted white, with round calendar dial.

2. Grandfather, mahogany, white dial, date wheel in going order, carved hands of polished brass, also moon movement going with two moon faces, ship in full sail and house by side of river.

BLAYLOCK, J. & W., Rickergate, Carlisle.

Commercial Directory, 1820-21.

1. Grandfather, mahogany. Purchased by owner's father 104 years ago.

BLAYLOCK, WM., Scotch Street, Carlisle.—1828. A. 1829. L, N.

1. Grandfather, 8 day, oak case, inlaid with mahogany, white dial, days of month in lower half of face.

BLAYLOCK J., Keswick.—1811. L.

BLAYLOCK, Longtown.—1811, R, L.

1. Grandfather. 2 Grandfather. 3. Clock.

BLENKINSOP, THOS., North Shields.

1. Round cased clock.

2. Grandfather, brass dial, engraved, with ship on top moving with the action of the pendulum, month calendar.

BLOOR, Newcastle. A.

Grandfather.

BLUNDELL, THOMAS, Liverpool.—1814-24. Q.

BLUXOME, ISAAC, Liverpool.—1814-24. Q.

BOLD, JOHN, Liverpool.—1814-24. Q.

BOLD, JOHN, Warrington. P.

BOLTON, J., Chester-le-Street and Durham.

Also church and turret clockmaker. 1811. Died at Durham 1821, aged 60. Commercial Directory, 1820-21.

1. Grandfather, dated 1771, 8 day.

2. Corbridge clock.—This clock was simplified and repaired by J. Bolton in 1818. C.

3. The Cathedral, Durham. Some part of the clock in the church is probably Bolton's work; see Sykes' local records. C.

4. The County Goal clock.

5. Long case clock; oak slightly veneered mahogany; brass dial; 8 day; arched dial bears name "S. Harrison, Newcastle." The moulding immediately beneath the hood is convex. C.

6. Long case clock; 8 day; oak slightly veneered with mahogany; painted dial; spandrel corners, representing four seasons; arch dial figure of Nelson—somewhat crude, but interesting, as helping to date the clock. C.

7. Two extra large sized "Act of Parliament" clocks, painted wood cases and dials. C.

8. Grandfather: pitch pine case, 30 hours, with date calendar.

BOLTON, LANCELOT, Chester-le-Street.—1827. C. (? A son of John.)

BOOTH, Selby.—1820. R.

1. Clock at Wetherby.

BOOTH, GEORGE, Manchester.—1814-24. Q.

BOOTH, JAMES, Pontefract.

Grandfather, painted dial.

BOOTH, JAMES BAWKER, Manchester. P.

- BOOTH, JOHN, Huddersfield. P.
 BOOTH, JOHN, Manchester. P.
 BOOTH, JOHN, Stalybridge.—1814-24. Q.
 BOOTH, J. B., Manchester.—1814-24. Q.
 BOOTHROYD, JAMES, Reeth.
 White's Directory, 1840.
 BORROUGH, JOHN, Brampton. P.
 BOULTON, ROBERT, Wigan. P.
 (Who is also described as gun and steel bow maker.)
 BOULTWOOD, Matching Green, Essex. A.
 30 hour clock, square brass dial.
 BOWMAN, DANIEL, Newgate Street, Morpeth. M.
 1. Grandfather, mahogany case, veneered on pine, and inlaid with lancewood, brass dial.
 2. Grandfather, oak. Dial surrounded by coloured representation of Falstaff.
 BOWNESS, JOHN, Osmotherley, Yorks.—1840. A.
 BOYCE, SAML., Quebeck Road, East Dereham, Norfolk.—1854. A.
 BOYNTON, JAMES, Howden. P.
 BRACEWELL, HARTLEY, Cross Street, Scarborough. B.
 BRACEWELL, WILL., Scarborough.
 White's Directory, 1840.
 BRADBERRY, Leyburn, Yorkshire.
 Grandfather.
 BRADBERRY, MATTHEW, Bolton-le-Moors.—1814-24. Q.
 BRADDOCK, GEORGE, Whitewell, Norfolk.—1854. A.
 BRADLEY, Huddersfield.—1814. A.
 BRADLEY, JOHN, Blackburn.—1814-24. Q.
 BRADSHAW, JOHN, Manchester. P.
 BRADSHAW, JOHN, Manchester.—1814-24. Q.
 BRADSHAW, WILLIAM, Liverpool.—1814-24. Q.
 BRAITHWAITE, JOHN, Hawkshead.—1682. R.
 BRAITHWAITE, WILLIAM, Hawkshead.—1814-24. Q. 1829. A.
 BRAND, JOHN, Dumfries.—1790-1802. A.
 BREST, EDWARD, Prescott. P.
 BREWER, THOMAS, Preston.—1814-24. Q.
 BREWER, WILLIAM, Northgate, Blackburn.—1814-18. Q.
 BREWER, WILLIAM, Lord Street, Blackburn.—1824. Q.
 BROADBELT, MICHAEL, Bishop Auckland.
 1. Mr. W. L. Ketchin of South Shields supplied the following details of the above maker's life and work.
 The name on the dial is Broadbelt, Auckland. When the movement was taken to pieces various dates and names appeared etched on the back plate; the earliest date was 1760. This evidently being the year of manufacture. Various other names and dates are scratched over the plate, the following are legible:—"Cleaned, J. R., Auckland, January 1st, 1824, M. Robson, Meldon, 1871, Cleaned, Carlisle, 1876. John Davison."
 The following account appeared in the Newcastle Weekly Chronicle for August 16th, 1920:—
 "Died, Nov. 25th, 1796, at St. Helen's, Auckland, in the county of Durham, at an advanced age, Mr. Michael Broadbelt, a most ingenious clockmaker, into which machines he had introduced a

great number of improvements and novelties. Though his proficiency was the effect of intuitive genius, and of application, unaided by any previous instructions, his general skill in mechanics was displayed in a great variety of curious inventions. Some of his clocks contain small orreries, and others are furnished with chimes, said to be more strictly consonant with harmonic principles than such machines are commonly found to be. His mind, which, as well as his hands, was continually employed, appeared to have no bounds to its researches; and his most intimate acquaintances are of opinion that he received little or no information from books. He was seldom known to consult any: and seemed only to have small acquaintance with the best scientific writers even on his favourite subjects. To the superior force, then, of his native genius must be ascribed his numerous productions which, in a more public situation, would have rendered him eminent. He planned and constructed an organ, which, by competent judges, was pronounced a good instrument, and was sold to a musical gentleman for a considerable sum of money."

The description of the clock is as follows:—8 day movement, square brass dial with ornamental corner spandrels, showing Cherub's head surmounted by Crown and enveloped in floral wreath. A radial slot is cut in the dial which exposes a brass date wheel. The case is about 6 ft. 6 ins. high, made of pine and stained, and the general outline with its long, narrow body and door, represents a column of the Tuscan order.

2. Grandfather, mahogany, brass dial, day of month, phases of the moon, and chimes, 8 day.

BROADBELT, GEORGE, Gateshead.—1811. C. 1833. A.

BROADHURST, JAMES, Liverpool.—1814-24. Q.

BROCKBANK, JOHN, Corney.—1829. A.

BRODIE, JOHN, Wooler.—1854. A.

BROGDEN, ROBERT, York.—1763. C.

BROMLEY, 'Staindrop.

1. Grandfather, inlaid marquetry case.

2. Grandfather, narrow inlaid marquetry flowers and leaves, hood has $\frac{3}{4}$ turned ebonized pillars at sides, gilt cherubs heads, pierced ornamentation, square brass dial.

BROOKSBANK (OR BROOKSHANK), Bradford.

Grandfather.

BROTHROYD, JAMES, Reeth, Swaledale.

BROUGHT, HENRY, Workington. P.

BROWN, JAMES, Liverpool.—1814-24. Q.

Grandfather, brass dial, with the moon, stars and date of month and year. "Watchmaker cleaning it told me he thought it would be over 200 years old."

BROWN, GEORGE, Beverley. P.

1. Grandfather; oak, with slight ornamentation. The date 1781 has been cut by someone inside the door of the case, brass face.

BROWN, JAMES, Liverpool.—1814-24.

BROWN, JOSEPH, Hinderwell Township.

White's Directory, 1840.

BROWN, JOSEPH, Stouther.—1840. A.

BROWN, THOMAS, Liverpool. 1814-24. Q.

BROWN, THOMAS, Manchester.—1814-24. Q.

BROWN, THOS., Twisel. D.

Grandfather, brass faced.

- BROWN, W., Preston. A.
Grandfather.
- BROWN, WILLIAM, Low Street, North Shields.
Commercial Directory, 1820-21. Siddle Street, North Shields.—
1827-55. A. and White's Directory, 1847.
1. Grandfather, oak, 7 ft. high, Corinthian pillars, white dial
with paintings.
- BROWNBILL, HENRY, Leeds. P.
(He issued a number of tokens of very choice design in 1793.)
- BROWNBILL, JAMES, Liverpool. P, Q.
- BROWNBILL, JOHN, Liverpool. P, Q.
- BROWNING, ISAAC, Penrith. P.
- BROWNLESS, JOHN, Staindrop.—Died 13th May, 1799. F.
1. Grandfather.
2. Grandfather, walnut case, inlaid marquetry, brass dial.
- BRUGGER, M. & L., 26, Nun Street, Newcastle.
White's Directory, 1847, and 1850. A.
- BRUGGER, L., 29, Charter Street, Bishopwearmouth.—1844. C.
- BRUNNER, ENLEBERT, 62, Mytongate, Hull.—1840. A.
- BUCHANAN, JOHN, Ashton-under-Lyne.—1814-24. Q.
- BUCK, WILLIAM, Hawes.
White's Directory, 1840.
- BUCKENHAM, JOHN C., Tomland, Norwich.—1854. A.
- BUCKLAY, JOHN, Ashton-under-Lyne.—1814-24 Q.
- BUETON, W., Bishop Auckland.
Grandfather.
- BUFFETT, JOHN, Colchester.—1721. A.
- BULLEN, M. A., Hempnall, Norfolk.—1854. A.
- BURGESS, JOHN, Wigan.—1690-1740. A.
- BURLINGTON, DANL. CALEN, Market Place, King's Lynn.—1854. A.
- BURLINSON, JOHN, 34, Gilesgate, Durham. A.
White's Directory, 1847 and 1850.
- BURN, T., Sunderland. A.
Long case clock.
- BURNETT, WM., Sadler Street, Durham.—1851. A.
- BURNETT, WILLIAM, 40, Silver Street, Durham.
Walker's Directory of Durham, 1860.
- BURNS, RICHARD, Manchester. P.
- BURTON, EMANUEL, Finkle Street, Kendal. P.
Commercial Directory, 1820-21 and 1828. A.
1. Grandfather: dial, "silver on copper" (? Brass with silvered
chapter circle), monthly calendar.
- BURTON, JAMES, Whitehaven. L, P.
- BURTON, JOHNTHON, Ulverstone.—1814-24. Q.
- BURTON, ISAAC, Market Street, Ulverstone. A, Q.
Commercial Directory, 1820-21, 1829.
- BURTON, SAMUEL, Hawkshead.—1690. R.
1. Grandfather, square brass dial, mahogany case.
- BURTON, THOS., Hawkshead.—1690. R.
- BURTON, W., Kendal.
On square brass dial of a grandfather movement.

- BURTON, WILLIAM, Fairless Street, South Shields. A.
Commercial Directory, 1820-21, 1827, 119, Wapping Street, South Shields, 1844, C. and White's Directory, 1847.
- BUTLER, CAREY, Diss, Norfolk.—1854. A.
- BUTLER, JACOB, Bolton-le-Moors.—1814-24. Q.
- BUTLER, JAMES, Bolton-le-Moors. P.
- BUTTERFILD, JOHN, Todmorden.—1814-24. Q.
- BUXTON, WM., Market Place, Bishop Auckland.—1827. A.
1. Grandfather.
2. Grandfather: "reputed 180 years old," oak and mahogany, brass eagles on top, 30 hour.
- CADE, Northallerton.
White's Directory, 1840.
- CADE, GEORGE, Market Weighton. A, B.
- CAIRNS, D., Belford.—1827. A.
Grandfather, mahogany inlaid, white face.
- CAIRNS, D., North Durham Street, Sunderland.—1850. A.
- CAIRNS, RALPH, Alston.—1828. A. 1829. R.
- CAIRNS, RALPH, Brampton.—1840-1870. L. 1850. A.
1. Grandfather, 30 hour, striking, one weight, chain wind. Dial has monthly calendar.
2. Grandfather, reputed 70 years old, white dial.
- CAIRNS, RALPH, Newcastle.
Grandfather, date *circa* 1810, mahogany case, plain, scroll top, brass mounts, mahogany pillar each side of face, with brass top and bottom mounts, enamelled white dial, Roman figures, corners have rich colour floral designs, small minute dial, small day of month recorder, painting on top of dial, two cows standing, one lying down, trees and pale fence with two stiles, strikes hours.
- CALLWOOD, JOHN, Liverpool. P.
- CAMPEY, JOSEPH, York.—1758. C.
- CARMICHAEL, ROBERT, 4 Marlborough Street, Newcastle-upon-Tyne.
White's Directory, 1847.
- CARNABY, JOHN, Sandhill, Newcastle.—1778. C.
- CARR, GEORGE, King Street, Thetford.—1854. A.
- CARR, JAMES, Malton. B.
White's Directory, 1840.
- CARR, JOHN, Market Place, Swaffham.—1854. A.
- CARRUTHERS, DAVID, Ecclefechan.—1840. N.
- CARRUTHERS, GEORGE, Langholm.—Born 1790, died 1866. N.
- CARRUTHERS, JAMES, Carlisle.—1847. N.
- CARRUTHERS, JOHN, 32, Scotch Street, Carlisle.—1850. A.
- CARSON, JOSEPH, Keswick.—1829. R.
- CARTER, GEORGE, Railway Street, Seaham Harbour.—1850. A.
- CARTER, JAMES, Warrington.—1814-24. Q.
- CARTER, JOHN, Warrington.—1814-24. Q.
- CARTER, RICHARD, Liverpool.—1814-24. Q.
- CARTER, ROBERT, Warrington.—1814-24. Q.
- CARTER, WILLIAM, Roppon (Ripon). P.
- CARTWRIGHT, Chertsey. A.
Grandfather.
- CASTON, JOHN, Kirkham. P.

- CASTON, THOS., St. Andrews, Norfolk.—1828. A.
 CASTON, WILLIAM, Kirkham. P.
 CATCHPOLE, ROBT., Tibbenham, Norfolk.—1854. A.
 CATHERALL, J., Chorley.—1814. A.
 CATTANEO, VINCENT & Co., 39, High Street, Princess Street, Stockton.
 White's Directory, 1847.
 CATTANIO, ANTHONY, Malton.
 White's Directory, 1849.
 CATTERALL, JOHN, Liverpool. P.
 CATTERALL, JOSEPH, Chorley.—1814-24. Q.
 CAWSON, JAMES, Liverpool. P, Q.
 CAYGILL, CHRISTOPHER, Askrigg, Yorks.—Died 1803. C.
 1. Long case, oak, 30 hour, brass dial, original hands, rather primitive form of case, large mouldings.
 2. Grandfather: oak case, 24 hour clock, brass dial, pierced corner pieces and hands. Rocking ship above, calendar dial.
 CHADWICK, JOHN, Liverpool. P.
 CHAMBERS, JOHN GEORGE, Pipewellgate, Gateshead.—1800. A.
 1. Grandfather, mahogany, brass dial, moveable calendar.
 2. Grandfather, oak, square head with pillars, 7 ft. in height, brass dial, cast spandrels, silvered chapter circle, engraved centre: seconds dial and date aperture top and foot of dial.
 3. Grandfather, "date probably about 1770," brass face.
 CHARLTON, ED., West Auckland.—1827. A.
 CHARLTON, JOHN, Durham. P.
 Commercial Directory, 1820-21.
 1. Grandfather: oak, white dial, embossed brass corner pieces.
 2. Grandfather, oak case, enamelled face with hand painted flowers, indicates the day of the month, winds up by the chain, 24 hour.
 CHARLTON, ROBT., 20, High Bridge, Newcastle.—1833. A.
 CHAYTOR, SAMUEL, Dipton.—Died Nov. 5th, 1837, aged 67. A.,
 CHEESBROUGH, AARON, Penrith.—1712. A.
 (Made a clock for the Church, 1712.)
 CHEESBROUGH, JOHN, Penrith.—B. 1686, d. 1771. L.
 CHEW, WALTER, Pateley Bridge.
 1. Grandfather, oak, with mahogany relief, and door neatly inlaid.
 CLARK, Walbottle, Newcastle-upon-Tyne.
 Grandfather. (Son in same business at Crawcrook, near Ryton.)
 CLARK, York.—1814. A.
 CLARK, JAS., Alnwick.
 Grandfather: oak, brass dial, seconds dial, and monthly calendar.
 CLARK, MICHAEL, Newgate Street, Morpeth.
 Commercial Directory, 1820-21 and 1827. A.
 CLARK, T. C., Ulverstone.—1814-24. Q.
 CLARK, THEODORE, Kirkby Lonsdale.
 Commercial Directory, 1820-21.
 CLARK, THOMAS, Ulverstone. P.
 CLARK, WM., Belford.
 1. Grandfather, oak, brass dial, surrounded by chaste brass work. "Been in family over 60 years."

- CLARK, WILLIAM, Liverpool.—1814-24. Q.
 CLARK, WILLIAM, Morpeth. P.
 CLARK, WILLIAM, York.—1758. C.
 CLARKE, JAMES, Morpeth.—1750. A.
 CLARKE, THOS., Crawcrook.—Died 1884. A.
 CLARKE, W., Morpeth.
 Grandfather, "No. 30," mahogany veneer. (Probably the thirtieth clock made by W. Clarke.)
 CLARKSON, THOS., Market Place, Beverley.—1840. A.
 CLAY, CHARLES, Stockton-on-Tees.—1716. A.
 CLAYTON, JOHN, Blackburn, Lancs. P.
 CLAYTON, MARTIN, Manchester.—1814-24. Q. a
 CLEGG, JOHN, Sunderland.—Dated 1789.
 Grandfather: oak, "with carvings of ships' fittings such as anchor, capstan, etc." Dial surmounted with a ship "which works in conjunction with the pendulum," and with month calendar.
 CLAPOTT, DENIS, York.—1697. C.
 CLARE, PETER, Manchester. 1814-24. Q.
 COATES, Rochdale.—1814. A.
 COATES, ARCHBOLD, Wigan. P.
 COATES, JOHN, Cirencester, Gloucestershire. A.
 Bracket clock, square brass dial.
 COATES, JOHN, Tetbury.
 Grandfather, ordinary deal, painted and varnished, height 6 ft. square brass dial with silvered circle on which Roman numerals are engraved. Centre part engraved with figures of birds, corners filled up with brass, scroll work in relief, strikes hours on brass bell and has locking plate mechanism which regulates striking. Has Huyghen's endless chain winding. 30 hour, has no minute hand and there is no corresponding mechanism for one. The spaces between the numerals on the dial are divided into four: date not known.
 COATES, RALPH, Darlington.—1686. F.
 "Who was paid £16 for making St. Cuthbert's (The Parish Church) Clock."
 COATSWORTH, JOSEPH, Middleton-in-Teesdale. A.
 COBB, WILLIAM, York.—1659. C.
 COCKRANE, WM., Paisley.
 Grandfather: mahogany, "a fine and unique shaped case," brass dial, no date calendar.
 COCKBURN, WILLIAM, High Street, Sunderland.
 Commercial Directory, 1820-21.
 COCKS, WM., Staith Street, Walls.—1854. A.
 COCKSHOOT, WILLIAM, Liverpool.—1814-24. Q.
 COCKSHOT, ANN, Liverpool.—1814-24. Q.
 COCKSHUTT, EDWARD, Liverpool. P.
 COIGLEY, JAMES, Liverpool.—1814-24. Q.
 COLEMAN, ROBT., Ashwellthorpe, Norfolk.—1854. A.
 COLEMAN & CHAPMAN, Liverpool, 1814-24. Q.
 COLLETT, JONAS, Market Place, Farkenham.—1854. A.
 COLLIER, D., Gatley.—1779.
 i. Grandfather, dark polished oak, brass dial with inset semi-circular dial recording dates of the month, single clock hand, with

ornamental scroll end, engraved small ornament between each hour. Date 1779 on yellow inlay with similar scroll on each side of it for the whole front of case.

2. Grandfather, 8 day.

COLLINGS, JAS., Barnard (Castle ?).

Grandfather, dial painted white, day of month, 30 hour.

COLLINSON, BENJAMIN, Stramongate, Kendal.—1828. A. 1829. L.

COLLINGWOOD, J., Alnwick.

Grandfather.

COLLINGWOOD, MATTHEW, Bondgate Street, Alnwick.

Commercial Directory, 1820-21. Market Place, 1827-55. A.

1. Grandfather.

2. Grandfather, mahogany and oak case and white face.

3. Grandfather, mahogany inlaid, white face.

COLLINGWOOD, ROBERT, Rochdale.—1814-24. Q.

COLTHRED, J., South Shields.

Clock, reputed 125 years old, and made in Thrift Street, South Shields.

COLTON, JOHN, York.—1739. C.

COMMON, JAMES, Coldstream.

1. Grandfather, "probably 112 years old," calendar dial still in working order.

2. Grandfather, brass face. 3. Grandfather, dark oak, brass dial.

CONDLIFF, JAMES, Liverpool.—1814-24. Q.

CONNOLD, THOS., Market Place, Aylsham, Norfolk.—1854. A.

CONQUEROR, PETER, Sand Gate, Berwick-on-Tweed.

Commercial Directory, 1820-21. 1827. C.

1. Grandfather, oak case, white face.

2. Grandfather, plain case, "he was supposed to be the first maker in Berwick." (By "first" I am in doubt if my correspondent means "best" or "earliest" maker.—C. L. R.)

3. Grandfather, old mahogany inlaid, white face; "this clock we know to be over a century old, as it was made to order for my wife's grandfather when he was married, and if now alive would have been about 130 years old."

COOK, JOHN, Fore Street, Hexham.—1854. A.

COOK, THOS., Hexham.

Grandfather, oak case, white dial.

COOKSON, THOMAS, Canal Street, Ulverston.

Commercial Directory, 1820-21.

COOPER, JOHN & SONS, London Street, Norwich.—1854. A.

COOPER, MATTHEW, Witham, Hull.—1840. A.

CORLZON, C. D., Binham, Norfolk.—1854. A.

CORNABY, JOHN, Hexham.—1800. A.

CORNFOD, RICHARD, Stockton.

Grandfather, oak (had been painted black), 24 hour. Dial: brass, with monthly calendar.

CORNWALL, JAMES, Liverpool.—1814-24. Q.

CORRIE, W., Longtown.

Grandfather, dial, painted and embellished in lower corners.

CORSON, JAMES, Maryport.—1847. L.

CORSON, JOSEPH, Keswick.—1829. N.

COSTER, ADAM, Kirkham.—1678. A.

- COTTELL, THOS., Crewkerne. A.
Grandfather.
- COULSON, WM., Low Street, North Shields.
Commercial Directory, 1820-21. Duke Street, North Shields,
1827. A.
1. Grandfather, 7 ft. oak, white dial, coloured and gilt corner
pieces in arch "a picture of a young woman visiting her aged father
in prison, and succouring him." Seconds and date dials.
2. Grandfather, rosewood, inlaid with bird's-eye maple and
ebony, hood surmounted with fretted work. Dial: white, with white
flowers and green leaves on a drab ground, and in arch an island,
flowers and leaves.
- COULTON, FRANCIS, York (son of John Coulton).—1757. C.
- COULTON, JOHN, Ulverstone.—1814-24. Q.
- COULTON, THOS., Ulverston.—1829. A.
- COUTON, SAMUEL, & SON, King St., Quay, Bridlington.—1840. A.
- COVENTRY, WM., Low Bridge, Newcastle.—1778. A.
- COVERDALE, WM., Farmers' Yard, Darlington.—1851. A.
- COWARD, WILLIAM, Lancaster.—1814-24. Q.
- COWLING, EDWARD, Market Place, Richmond, Yorks. B.
- COX, ROBERT, Pickering.
White's Directory, 1840.
- CRABB, JAMES, 44, Strand Street, Whitehaven. M.
- CRACKLES, SAMUEL, 13, Blanket Row, Hull.—1840. A.
- CRAIG, J., Carrigill. A.
Grandfather, brass dial.
- CRAIG, JOHN, Broad Chare, Newcastle.—1782-1827. A.
Newcastle Directory, 1824. Pilgrim Street, Commercial Direc-
tory, 1820-21.
- CRAIG, JOHN, Newgate Street, Morpeth.—1854. A.
- CRAIG, JOSEPH, Maryport.—1811. L, R. 1828. A.
- CRAIG, WM., Haltwhistle.—1854. A.
1. Grandfather, chain wind, 24 hour, striking, painted dial.
- CRAKE, JOHN, Luddon, Norfolk.—1854. A.
- CRANAGE, JOHN, Liverpool.—1814-24. Q.
- CRANAGE, JOSEPH, Liverpool.—1814-24. Q.
- CRANAGE, THOMAS, Liverpool.—1814-24. Q.
- CRAWFORD, ALEXANDER (Senior & Junior), Scarborough. B, P.
Universal Directory, 1790.
- CRAWFORD, WALTON, Scarborough.
White's Directory, 1840.
- CRAWSHAW, THOMAS, Rotherham. P.
- CRAWSHAW, WILLIAM.
(Clock at Penistone, near Sheffield.)
Grandfather, oak inlaid with walnut, brass dial with silver
hour circle.
- CREIG, JOSEPH, Senhouse Street, Maryport. M.
- CRISP, W., Wrentham. A.
Grandfather, brass dial.
- CRITCHLEY, ROBERT, Liverpool.—1814-24. Q.
- CRITCHLEY, WILLIAM, Liverpool.—1814-24. Q.

CROFTS, THOMAS, Halton.

(There is a Halton in Yorks and also in Lancashire.)

Grandfather, 8 day, "No. 72," date about early 19th century, oak case, plain narrow type. Brass dial, Roman hour numerals, ordinary figures for minutes, embossed in corners, and a circular bulb in arch, with a tree and two birds on tree, and date of month mechanism. (Probably the 72nd clock he made.)

CRONAGE, THOMAS, Liverpool.—1814-24. Q.

CRONDACE, JOHN, New Elvet, Durham.—1827. A.

CROSBY, JOSEPH, Westgate, Bridlington.—1840. A.

CROSS, C., 99, Pilgrim Street, Newcastle.—1855. A.

CROSS, JOHN, Liverpool. P.

CROSSLAND, Rochdale.—1814. A.

CROSSLEY, JAMES, (?) Morpeth.—*Dated, 1771.*

An 8 day movement with brass dial beautifully engraved and bearing name "Willm. Ferguson, Alnwick."

CROSSLEY, HENRY, Manchester.—1814-24. Q.

CROSSLEY, HUMPHREY, Manchester.—1814-24. Q.

CROUDACE, JOHN, New-Elvet, Durham.—1827. C.

CROUDDACE, JOHN & SON, 17, Elvet Buildings, Durham.

White's Directory, 1847.

CRUDDAS, JOHN, Durham.

Grandfather: oak case, square topped, enamelled dial, shell in each corner.

CRUDDAS & SON, 17, Elvet Bridge, Durham.

Walker's Directory of Durham, 1860.

CRUMP, THOMAS, Liverpool. P.

CRUTTENDEN, THOMAS, York.—1690. C.

CUNNINGHAM, ROBT., Stratton, St. Mary, Norfolk.—1854. A.

CURZON, MATTHEW, Market Place, Yarmouth.—1854. A.

DAGLISH, JOSEPH, Peaks Lane, Alnwick.—1790-1827. A, P.

1. Grandfather, white dial.

2. Grandfather, oak, 8 day, "face is decorated with pictures of old English warships and at each corner there is a painting of admirals one of which is Nelson. No date is on the clock, but it is at least 100 years old."

3. Grandfather, "sent to H. Trotter of Alnwick who replaced old dial (brass) with a painted one bearing his own name."

4. Grandfather, mahogany, fine brass dial.

5. Grandfather: "in family for about 100 years," oak case, height 6 ft. 6 ins., depth 2 ft. 6 ins. Dial: "Old English figures painted with two pheasants and vase, in each corner flowers, with seconds dial."

6. Grandfather, oak, dial: old English figures, and floral paintings.

DAKES, JOHN, Oldham.—1814-24. Q.

DALTON, JOHN, Northgate Street, Hartlepool.—1850. A.

DANIEL, HENRY, Liverpool.—1814-24. Q.

DANIEL, THOMAS, Kirkham. P.

DANIELS, H. & J., Liverpool.—1814-24. Q.

DANIELS, ISAAC, 39, Queen Street, Hull.—1840. A.

DARLING, WM., 42, Coney Street, York.—1840. A.

DARNTON, CUTHBERT, Durham.—1800. A.

1. Grandfather, owner states case in Sheraton style but "does not think is original as the face fits badly." Dial: brass engraved with leaf work.

DARNTON, CUTHBERT, Chester(-le-Street).—"Reputed *circa* 1700."

2. Grandfather, 30 hour, "only tells the $\frac{1}{2}$ hours," case much later, brass dial.

DAVIDSON, Duns.

Grandfather, mahogany, inlaid top.

DAVIES, WILLIAM, Liverpool.—1814-24. Q.

DAVIS, THOS., North Shields.

Grandfather, brass dial.

DAVISON, GEORGE, Wooler.—1827. A.

1. Long case clock, oak, about 6 ft. 6 ins. high. Painted dial, arched top, 8 days and strikes in the usual bell-cast inverted cup bell. The hour hand has a finely modelled swan in the moon of same hand and a thistle in the moon of the minute hand. It has a calendar, *i.e.*, small dial and hand similar to the second.

2. Long case, 8 day, oak, fiddle headed hood, painted dial, with arch, goldfinch and fruit, the latter exceptionally well painted.

3. Grandfather, oak, 8 day. Dial: white enamel, Roman numerals, picture of a shepherd, shepherdess, dog and sheep, brass hands, month dial.

DAVY, ELIJAH, Yarmouth.—1854. A.

DAVY, JOHN, Market Place, Fakenham, Norfolk.—1854. A.

DAVY, ROBT., Charlotte Street, Yarmouth.—1854. A.

DAVY, ROBT., Kenninghall, Norfolk.—1854. A.

DAWES, JOHN, 8, Roper Street, Whitehaven. M.

DAWES, JOHN, Queen Street, Whitehaven.—1828. A. 1829-47. L.

DAWES, WM., Attleborough, Norfolk.—1854. A.

DAWSON, WM., Norwich Road, Fakenham, Norfolk.—1854. A.

DAY, JOHN, Wakefield. P.¹

1. Grandfather, 8 day, brass face.

DAYNES, JOHN, Cowgate Street, Norwich.—1854. A.

DAYNES, WM., Botolph Street, Norwich.—1854. A.

DEAN, JOSEPH, Clitheroe.—1814-24. Q.

DEEKS, JOHN, Ber Street, Norwich.—1854. A.

DELLESSER, ELLIS, Liverpool.—1814-24. Q.

DEMPSTER, ANTHONY, Walmgate, York. B.

DEMPSTER, M. A., Richmond.

White's Directory, 1840.

DENHAM, CHARLES, Claypath, Durham. M, C.

Claypath, Durham, 1827. C. 35, Low Street, Sunderland, 1844. C.

DENNETT, JAMES, St. Helens.—1814-24. Q.

DENT, GEORGE.

(This clock is at Forest-in-Teesdale.)

Grandfather, oak, brass dial, date of month circle, with carving at each corner, "the works are all hammered out instead of being done by machinery."

DENT, JOSEPH, Hull. P.

DEWHIRST, WILLIAM BOLTON, Clitheroe. 1814-24. Q.

DICKINSON, York. A.

Grandfather, inlaid case.

- DICKINSON, MATTHEW, 64, Clive Sreet, North Shields.—1850. A.
- DICKINSON, ROBERT, Goodramgate, York. B.
- DICKINSON, THOMAS, Lancaster. 1814-24. Q.
- DICKMAN, JOHN, Monkwearmouth Shore.—1827. C.
And Mathematical Instrument Maker.
- DICKSON, W., Pickering.
Grandfather, in Mr. Arthur Feetham's collection.
- DIXON, CHRISTOPHER, Market Place, Hexham.—1827. A.
- DIXON, J., Carlisle.—1803. A.
Grandfather, 8 day, brass dial.
- DIXON, ROBERT, Hexham.—1841-49. A.
- DIXON, THOS., Bride Street, Norwich.—1854. A.
- DIXON, WILLIAM, Pickering.
White's Directory, 1840.
- DIXON, WILLIAM, Whitehaven.—*Circa* 1711 to 1790.
Maker of a clock which went a month between windings.
- DOBIE, Tanfield.—1760-1800. A.
1. Grandfather: rosewood case, 30 hour, rope wind, enamel dial.
2. Grandfather, "a solid piece of brass throughout, a beautiful face with figures in either corner," one weight, 30 hour, winds with rope. (No. 63.)
3. Grandfather, brass dial (No. 95).
4. Grandfather, mahogany.
- DOBIE, THOMAS, Tanfield.
Grandfather, "neat oak case," one weight, 30 hour, white dial.
- DOBSON, FRANK, Market Place, Great Driffeld.—1840. A, B.
- DODDS, JOHN, 4, Bodlewell Lane, Sunderland.—1844. C.
White's Directory, 1847. Wear Street, Sunderland, 1850. A.
- DODDS, MOSES, Mark Quay, Sunderland. M.
- DODDS, THOS., Chester. E.
Grandfather, oak.
- DODSON, Beeston.—1820. R.
- DOLT, GEORGE, Low Friar Street, Newcastle.—1844. C.
- DONALD, A. E., 54, Grey Street, Newcastle.—1850. A.
- DONALD, JAMES, 103, Side, Newcastle.—1833. A.
- DONALD, J., 80, Grey Street, Newcastle. A.
White's Directory, 1847-50.
- DONALDSON, ALEXANDER, Wigton.—1810. N.
1. Grandfather, oak, brass dial, dates round dial, central to hour figures.
2. Grandfather, mahogany inlaid case. The dial is a finely painted one, Arabic chapters and finely carved hands, two hemispheres and moon circle in arch, four female figures resting on animals, presumably representing Europe, Asia, Africa, and Great Britain, above centre of dial and below chapter, circle are three other female figures.
3. Grandfather: 8 day, key wind.
- DONALDSON, JOHN, South Shields.
Clockmaker and organ builder, worked about 1775.
1. Grandfather, black oak case, delicately carved.
- DOUGLAS, ANDREW, Hilton Terrace, Whitehaven.—1828. A.
- DOUGLAS, NATHANIEL, 66, King Street, Whitehaven.—1828. A.
1829. L.

- DOUGLAS, ROBERT, Bolton-le-Moors. P.
 DOUGLAS & CO., ROBERT, Liverpool.—1814-24. Q.
 DOUGLAS, SAMUEL & ROBERT (JUNR.), Liverpool.—1814-24.
 DOUGLASS, ALEX., Kirriemuir.
 Grandfather, brass dial.
 DOVE, JOHN, Diss, Norfolk.—1854. A.
 DOWNING, JOHN, Liverpool. P.
 DOWNING, ISAAC, Westgate Street, Newcastle.—1811. C.
 Brassfounder and clock manufacturer.
 DOWNS, T., Louth.
 Grandfather.
 DRAKEFORD, Congleton.—1814. A.
 DRESCHER, JOHN, 68, Mytongate, Hull. B.
 DRESCHER, SIMON, Manchester.—1814-24. Q.
 DREWRY, NIXON, Cockermouth.
 Grandfather, dates about 1800.
 DRUMMOND, J., Brechen.—1782. A.
 DRUMMOND, THOMAS, Liverpool.—1814-24. Q.
 DRURY, JAMES, Banbury.—1800. A.
 DUMBELL, THOMAS, Rochdale.—1814-24. Q.
 DUNCAN, THOS., Forth, Newcastle.—1827. A.
 DUNLOP, Newcastle.
 1. Grandfather, mahogany case, exceptionally wide, having a small door instead of the usual long door, white dial, with four corner pictures.
 2. Grandfather, white dial. 3. Grandfather, mahogany.
 4. Grandfather, mahogany case, 8 day, arched enamelled dial.
 DUNN, JOHN, 33, Finkle Street, Hull. B.
 DUNN, THOS., Western Lane, Berwick-on-Tweed. M, C.
 1. Grandfather, mahogany case, inlaid with lighter wood.
 DUNN, THOMAS, Bedale, Yorks. B.
 DUTTON, JOHN, Liverpool.—1814-24. Q, P.
 DYSON, HUMPHREY, Manchester.—1814-24. Q.
 EASBY, ROBERT, Sadler Street, Durham.—1858. A.
 Walker's Directory, 1860.
 EASBY, R., Sunderland.
 Grandfather, mahogany case, brass dial.
 EASTWOOD, WILLIAM, Burnley. P.
 EDEN, RALPH, Liverpool. P.
 EDGAR, JOHN, Whitehaven.—1829-47. L.
 EDGAR, ROBERT, Whitehaven.—1829-47. L.
 EDMONDSON, JOHN, Liverpool. P.
 ELIAS, THOS., Haltwhistle.—Dated 1760.
 Grandfather, mahogany case, brass dial.
 ELLENGER, P., 24, Bridge Street, Bishopwearmouth.—1844. C.
 ELLIDGE, JOHN, High Street, Bishopwearmouth.—1844. C.
 White's Directory, 1847.
 ELLIOT, Blyth. A.
 Grandfather, round dial.
 ELLIOT, WILL., Whitby.
 (Noted by Mr. R. H. Morton, South Shields.)

- ELLIS, R., 20, Bull Ring, North Shields.—1827. A. 1844. C.
 White's Directory, 1847.
- ELLISON, JOHN, Liverpool.—1814-24. Q.
- ELLISON, ROBERT, Liverpool.—1814-24. Q.
- EMMERSON, WILLIAM, Northgate, Darlington.—1827. C.
- ENGLISH, MARY, Manchester.—1814-24. Q.
- ESDAILE, Newcastle.—1803. E.
- ESPLIN, Wigan. A.
 Grandfather.
- ESTHER, HENRY, Market Place, Morpeth.—1854. A.
- ETHERIDGE, G. & W., Gentleman's Walk, Norwich.—1854. A.
- ETHERINGTON, THOMAS, York.—1685. C.
 Lantern clock, engraved "Thos. Etherington in Yorke."
- ETHERINGTON, THOMAS, JUNR., York.—1740. C.
- EVANS, RALPH, Durham.
 Grandfather.
- EVANS, ROBERT, Halstead.—1821. C.
 8 day clock, brass dial, the corners have a design in relief, a seconds dial, and day of the month dial.
- EVERS, P., Chester.—1814. A.
- EVISON, CHRISTOPHER, Newcastle-on-Tyne. C.
 Mentioned in Brand's History of Newcastle, Vol. 11, p. 362, Ed. of 1789.
- EYRE, HENRY, 16, Bottle Bank, Gateshead.—1827. A.
- EZEKIEL, C., 24, Grey Street, Newcastle.—1850. A.
- EZEKIEL, MOSES, 1, Market Street, Newcastle-upon-Tyne.
 White's Directory, 1847.
- FAIR, JOHN, Berwick.
 Brass faced clock. (? Grandfather.)
- FAIRBAIRN, JOHN, Elvet Bridge, Durham.
 White's Directory, 1847.
- FAIRCLOUGH, RICHARD, Liverpool. P.
- FAIRHURST, JOHN, Liverpool.—1814-24. Q.
- FAIRWEATHER, T., 5, Bridge Street, Newcastle.—1838. C. 66,
 Quayside, Newcastle.—1847. C. 66, Quayside, Newcastle.—
 1850. A.
- FARMER, THOMAS, Stockton. P.
- FARMER, WILLIAM, High Street, Stockton-on-Tees. M.
- FARMER, WM. & THOS., 50 High Street, Stockton.—1827. C.
 White's Directory, 1847.
- FARRER, Worksop. A.
 Grandfather.
- FARRER, BENJ., Pontefract.
 Made grandfather clocks about 70 or 80 years ago. "Yorkshire Weekly Post," 1921.
- FARRER, JOSHUA, Pomfret.
 Long case clock, plain oak, brass face, Corinthian plinth, 1 day,
 "date about 1750."
- FAWCETT, JAMES, Richmond.
 White's Directory, 1840.
- FAWCETT, JOHN, Tinkel Street, Richmond, Yorks.—1827-40. A.
 White's Directory, 1840.

- FEARNLEY, PETER, Wigan.—1814-24. Q, P.
- FEARNSIDE, BENT, Palace Street, Norwich.—1854. A.
- FEATHERSTON, WM., Newcastle.—1790-95. A.
- FELTHAM, M., Market Place, Thetford.—1854. A.
- FELTHAM, WM., Redenham, Norfolk.—1854. A.
- FENTON, JAMES, York.—1740. C.
- FENTON, WM., Denton Chare, Newcastle.—1778-90. A.
1. Grandfather, oak case, silvered brass face, with brass decorations at the corners.
 2. Grandfather, walnut, "steel dial, with brass all round raised in patterns."
 3. Grandfather.
- FENWICK, JOHN, Long Row, South Shields. M.
- FERGUSON, ROBT., 102, High Street, Gateshead.—1827. A.
- FERGUSON, WM., Alnwick.—1770. A.
1. Grandfather, oak case, silvered brass dial.
- FERRIER, THORNTON, Queen Street, Hull. B.
- FIDDAMENT, JESSE, Stoke Ferry, West Norfolk.—1854. A.
- FIELD, Evesham. R.
- Grandfather.
- FINLEY, JAMES, Newcastle.
- Grandfather, dial has moon and calendar attached.
- FINNEY, Liverpool.—1790. C.
- Maker of an elaborate grandfather musical clock (described in notes).
- FIRRIER, WM. THORNTON, 11, Queen Street, Hull.—1840. A.
- FISHER, HENRY, Preston. P.
- FISHER, RICHARD, Liverpool.—1814-24. Q.
- FITT, JOHN, Aylsham, Norfolk.—1854. A.
- FITT, STP. & Co., Church Street, Cromer.—1854. A.
- FITZER, WILLIAM, Liverpool.—1814-24. Q.
- FLATHER, W., Halifax. A.
- Grandfather.
- FLEETWOOD, JAMES, Liverpool.—1814-24. Q.
- FLEMING, AMBROSE, 14, King Street, South Shields.—1844. C.
- FLETCHER, CECILIA, Rotherham. P.
- FLETCHER, F., Ballast Hills East, Newcastle-upon-Tyne.
- Newcastle Directory, 1824.
- FLETCHER, JAMES, Rotherham. P.
1. Grandfather, light oak case with mahogany fluted pillars, round face and glass, the figures on the dial are old English style, one weight for time and striking.
 2. Grandfather, oak, plain face, except in corners, where there is some blossom and berries painted, days of the month dial.
- FLETCHER, JOHN, Barnsley.—1750. A.
1. Grandfather.
 2. Grandfather, long oak case, white enamel face, with black figures.
- FLETCHER, R., Chester.—1814. A.
- FLETCHER, TOBIAS, Barnsley. P.
1. Grandfather, 8 day, with seconds and date circle.
 2. Grandfather, 30 hour, brown oak polished, plain, no carving 12 in. square dial.

- FLETCHER, THOS., Gateshead.—1816. A.
- FLETCHER, THOMAS, Ballast Hills, Newcastle-upon-Tyne. M.
Stockbridge, Newcastle, 1833, Ouseburn, Newcastle, 1850.
- FLETCHER, THOMAS, Kirbymoorside.
White's Directory, 1840.
- FLETCHER, WILLIAM FREDERICK, Barnsley.—1820-1903. C.
- FLETCHER, W., Leeds.
1. Grandfather, oak inlaid with mahogany, brass engraved face, corners embossed. The ship shown on top originally worked from pendulum with a swing, gives the dates of the month.
 2. Grandfather: broken arch hood, dial has a ship at top which swings with motion of pendulum, and month calendar.
- FLEMING, RICHARD, Liverpool.—1814-24. Q.
- FLETMAN, Little Denham.—1764. A.
Grandfather.
- FOGG, JOHN, Liverpool.—1814-24. Q.
- FORBES, EDWARD, Liverpool.—1814-24. Q.
- FORRESTER, CHARLES, 67, Whitefriar Gate, Hull.—1840. A.
- FORRESTER, PATRICK, 17, Market Place, Hull.—1840. A.
- FORSTER, EDWARD, Carlisle.—1750-1813. N.
- FORSTER, JOHN, Carlisle.—1811. L.
- FORSTER, JOHN, Broad Chare, Newcastle.—1833-50. A.
White's Directory, 1847.
- FORSTER, ROBT., Corbridge.—1854. Died 1884. A.
1. Grandfather, white face with painting on half-circle at top of man and woman beside some railings. Mahogany case inlaid with maple. Belonged to Michael Davidson of Farnley Farm, Corbridge, who died about 60 years ago.
- FORSTER, THOS., 29, Castle Street, Carlisle.—1850. A.
- FORSTER, E., Carlisle. A.
1. Grandfather, mahogany case, brass dial, moon and day of month indicators.
 2. Grandfather, oak, brass face, moon and calendar dials.
 3. Grandfather, 6½ ft. high, fine oak case, fluted pillars up body. Dial: square brass, 11 ins. by 11 ins.
- FOSTER, JOHN, Liverpool.—1814-24. Q.
- FOTHERGILL, Knaresbro'.—In early 19th century.
1. Grandfather: mahogany case with oak panelled door and oak on some of the edges of the panels, the higher part of the case is inlaid with narrow stripes of light coloured wood, white dial with a painting at the top, 7 day.
- FOX, Grantham. A.
Grandfather.
- FOX, CHARLES JAMES, Tow-hill, Beverley.—1840. A.
- FOX, HUDSON, Tow Hill, Beverley, Yorks (? Sow Hill). B.
- FRANKLAND, J., North Walsham, Norfolk.—1854. A.
- FRAMES, GEORGE, New Street, Gateshead-on-Tyne. M.
Newcastle Directory, 1824. 38, Church Street, Gateshead, 1827-33. A.
1. Grandfather.
- FRENCH, T. N., 141, Pilgrim Street, Newcastle.—1850. A.
1. Grandfather, mahogany with figured veneer panels. Dial: white enamel with painted figures around.

FROST (? Senr.), Renwick, Cumberland.—Dated 1725.

Grandfather, oak, brass dial.

FROST, JOHN (? Junr.), Renwick, Cumberland.—1811. R. 1828-29.
A.

FRYER, J., Pocklington. B.

Bracket clock, 8 day, mahogany case, one strip of inlay, plain, white round dial, pull repeater, repeats hour any number of times by simply pulling a gut in side of clock, strikes hour or half-hour.

FRYER, MRS., High Ousegate, York. B.

FURNACE, ANTHONY, Cockermouth.—1847. N.

FURNACE, JOSEPH, Monk Wearmouth.—1802. P.

FURNIVAL, Sheffield.

Grandfather, brass dial, decorated with scroll work, has a set of blacksmith's tools carved on it and is surmounted by a circle in which a sailing ship is represented.

GALLIMORE, JOSEPH, Manchester. P.

GANDY, Cockermouth.—1768.

1. Grandfather.

2. Grandfather.

3. Grandfather, square, a finely engraved brass dial.

GALLON, THOS. CARR, 33, Coronation Street, South Shields.

White's Directory, 1847-50. A.

GALLON, WILLIAM, East Holborn, South Shields. M.

33, Coronation Street, 1827. C.

GALLOWAY, J., Leeds.

Grandfather, polished oak, inlaid mahogany, painted dial, top semi-circle female figures gathering fruit, the four corners are filled in with four female figures, representing Britain, India, Africa and Egypt, seconds and monthly dials painted on; 8 day, strikes hours on brass bell. The firm of J. Galloway is still in existence in Briggate, Leeds.

GARDENER, WM., Great Dockray, Penrith.—1828. A. 1829. R.

GARDENER, WM. (or Gardner), Prospect Street, Quay, Bridlington.—1840. A, B.

GARDNER, JOHN, Annetwell Street, Carlisle. M.

1. Grandfather.

GARDNER, WILLIAM, 5, Whitefriargate, Hull. M.

GARLING, THOS., Dickleburgh, Norfolk.—1854. A.

GARRATT, HENRY, Ormskirk.—1814-24. Q.

GARRET, HUGH, Ormskirk. P.

GARROT, JOHN, Warrington. P.

GARTHWAIT, JOHN, Colne.—1814-24. Q.

GATE, THOMAS, Carlisle. P.

GELDARTE, JOHN, York.—1674. C.

GELL, JOHN, York.—1634. C.

GELL, JOHN (JUNR.), York.—1663. C.

GIBBS, JAMES, Stockton.

Grandfather: oak, brass dial, in corners carved brass geometric devices.

GIBSON, GEORGE, Union Street, North Shields. M.

GIBSON, GEORGE, Church Street, North Shields.—1827. A.

White's Directory, 1847. Stephenson Street, 1850. A.

GIBSON, JAS., Newcastle.

1. Grandfather, more than 150 years old, brass face.
2. Grandfather, oak, square brass face, shows day of month, also moon. The case of this clock is square, with a very finely moulded plinth and head, and "bull's-eye" showing pendulum in door.

GIBSON, Newcastle.—1750. A.

1. Grandfather, Chippendale, brass dial.
2. Grandfather, mahogany, with inlay of a lighter wood, brass dial, with silvered circle, scroll pieces at corners, 8 ft. high.

GIBSON, JOHN, Bondgate, Alnwick.—1827. A.

GIBSON, JOHN M., Alnwick.—1826. M.

1. Grandfather, white faced, dated 1826.
2. Grandfather, oak, polished, with round dark mahogany pillars, and heavy brass Corinthian capitals. Dial: brass with brass corner pieces, month calendar.
3. Grandfather, oak case, inlaid top, white face.
4. Grandfather: teak case, varnished mahogany, square hood, dial enamelled, with painted seascape in arch, flowers and foliage in corners: seconds dial above centre, and month dial below.
5. Grandfather, "belonged to the late Thomas Clutterbuck of Warkworth." Dial: white, "with a little dancing girl painted above."

GIBSON, JOHN, Barnard Castle.—1793. C.

GIBSON, J. & T., Alnwick.—1854. A.

Grandfather, oak case, white face.

GIBSON, T., Alnwick.

Grandfather, oak case, white face.

GIBSON, Alnwick.

1. Grandfather, plain dial.
2. Grandfather: oak case, white dial, with painted scene on top of dial.
3. Grandfather, dial, white. 4. Grandfather, brass faced clock.

GIBSON, ROBERT, Ecclefechan.—1710, died 1778. N.

1. Grandfather, oak, with fluted corner pillars, square brass dial, repeater also, giving day of month, 8 day.

GIBSON, THOS., Hide Hill, Berwick-on-Tweed.—1854. A.

GIBSON, WILLIAM, Barnard Castle. P.

1. Grandfather, oak. Dial: metal (? brass), dolphin design at each side of name circle, central date indicator.

GIDNEY, ROBT., Oxford Street, Norwich.—1854. A.

GILDART, BARKINS HIND, 31, Blackwellgate, Darlington.—1850. A.

GILL, Newcastle.—*Circa* 1710. E.

1. Grandfather, 12 in. square brass dial, 8 day, locking plate, striking.
2. Grandfather, dial, brass.

GILL, RICHARD, Wigton.

Grandfather, brass dial, 30 hour, 1 hand.

GILBERTSON, JOHN, Rippon (Ripon). P.

1. Grandfather, oak.
2. Grandfather, oak, 6½ ft. high, brass dial, without moulding, maker's name and floral design engraved thereon, with date calendar and a circular white metal (? silvered) plate carrying the hours.

3. Grandfather, plain oak, brass dial, square, cast brass spandrels, seconds hand, and tells days of month, 8 day.

GILKES, JOHN, Shostone-on-Stour.—1766. A.

- GILLET, CHARLES EDWARD & SONS, Manchester. P.
 GISCARD, JAS., Downham, Norfolk.—1854. A.
 GLATZ & WUNDERLEY, Manchester.—1814-24. Q.
 GLEAVE, JOHN, Liverpool.—1814-24. Q.
 GLOVER, JAMES, Manchester.—1814-24. Q.
 GLOVER, JOSEPH, Manchester.—1814-24. Q.
 GLOVER, W., Ledbury. A.
 Grandfather clock.
 GNASH, CHARLES, Liverpool.—1814-24. Q.
 GOLDSBOROUGH, GEORGE, Scarborough. P.
 GOLDSBOROUGH, WILLIAM, Scarborough.
 Grandfather, 8 day, light oak case, enamel dial, hour, minute, and seconds hands, and days of the month.
 GOODALL, GEORGE, Micklefield, Yorks.
 Grandfather, 6 ft. 6 ins. high, oak case, chased brass dial, with small dial showing the minutes, and a half circle showing days of the month; above the phases of the moon are shown. No. 81.
 GOODBARN, WM., Leeds.—*Circa 1720.*
 1. Grandfather, oak case, brass dial and movement are original.
 2. Grandfather, brass dial.
 GOODCHILD, J., Bradford.—1814. A.
 GOODHALL, GEORGE, Aberford (or Aberforth). P.
 GOODWILL, ROBERT, Newbottle.—1827. C.
 1. Grandfather, 8 day, white face, with coloured views.
 GORDON, HENRY, Felton.—1827. A.
 GORSUCH, FLEETWOOD, Liverpool.—1814-24. Q.
 GOWLAND, CLEMENT, Sunderland.—1775. C, M, P.
 White's Directory, 1847-50. A.
 GOWLAND, WILLIAM, High Street, Sunderland.—1844. C.
 1. Grandfather, brass dial.
 GOWLAND, WILLIAM & SON, 8, High Street, Sunderland.—1827. C.
 White's Directory, 1847-50. A.
 GOWLAND, Hylton Ferry, Sunderland.—1790. A.
 1. Grandfather.
 GRACE, WILLIAM, Liverpool.—1814-24. Q.
 GRAHAM, Kirklington.
 George Graham, born at Horsegills, Kirklington, in 1675, was a celebrated clock and watchmaker, invented several valuable instruments for astronomical observations, and communicated many useful discoveries to the Royal Society, of which he was a member. Died 1751. (Note by Mr. Geo. Middleton, Ambleside.)
 GRAHAM, FRANK, Side, Newcastle. A.
 The last of the Newcastle clockmakers, died at work beside his lathe, August 1855, aged 80.
 GRAHAM, GEORGE, Cockermouth. M.
 1828. A. 1829-47. L.
 GRAHAM, JAS., Gowan. A.
 Grandfather, 8 day.
 GRAHAM, JOHN, Cockermouth.—1867. R.
 GRAHAM, THOS., Bellingham.—1827. A.
 GRAHAM, TIMOTHY, Workington.
 Grandfather.

GRAHAM, W., Bellingham.

1. Grandfather, solid mahogany, arch top, gothic door. Dial: white, painted gold and colours, monthly dial.
2. Grandfather, oak case, inlaid with initials in a darker wood, "T. M." which were the initials of the village joiner, Thomas Martinson. The "works are partly blacksmith made." 24 hour, one weight originally and altered to 8 day and two weights, white dial.
3. Grandfather, much lower than usual, fine oak case, without any metal work. Face is brass, having both ordinary numerals and the Roman figures. In the four square corners appears a little beaten metal work. One weight (with chains), a 24 hour clock.

GRAY, GEORGE, 29, West Street, Hull.—1840. A.

GRAY, JOSEPH, Durham.—1765. A.

1. Bracket clock, striking on two bells, pull repeater, date aperture, verge escapement. Style of case and movement about A.D. 1700.

2. Grandfather, brass face.

GRAYHAM, TIMOTHY, Workington. P.

GRAYSON, JAMES, Liverpool.—1814-24. Q.

GREAVES, Bedale. P.

GREAVES, JOHN, Quayside, Newcastle.—1780-95. A.

1. Grandfather, 9 ft. high, oak veneered with bur-walnut. Dial brass, arched top, engraved, strike and silent dial. (Originally at Acton Hall.)

GREAVES, RICHARD, Newcastle.

1. Grandfather, oak case, 8 day (case partly restored). Dial, brass, monthly calendar, phases of the moon.

GREAVES, RICHARD, Newcastle.

Grandfather, mahogany case, silver chapter circle, gilt and chased corner pieces, monthly, lunar, and seconds dials.

GREAVES, T., 52, Quayside, Newcastle.—1778-1827. A, M.
Newcastle Directory, 1824.

GREAVES, WILLIAM, Newcastle.

"Foot of Plummer Chare, Quayside." Newcastle Directory, 1778.

1. Grandfather, plain oak case, 7 ft. high, 22 ins. wide, waist 3 ft. by 14 ins., 12-in. arch, brass dial, 8 day striking movement.
2. Grandfather, oak case, brass dial.
3. Grandfather, mahogany case, 8 day, brass dial.
4. Grandfather, brass arch dial.
5. Grandfather, mahogany, inlaid slightly, steel face, set in brass, small second hand under XII. Fretwork pediment surmounted by brass cups and eagles, 8 day, strikes the hours.
6. Grandfather, plain oak case, brass dial with engraved minutes circle, 8 day.
7. Grandfather, mahogany, nearly 8 ft. high. Brass dial, indicates the day of the month.
8. Grandfather, oak, brass and silver face, four corners of the dial are beautifully carved, it tells the day of the month.
9. Grandfather, oak case, black and gold lacquer (probably Dutch lacquer), arched dial, phases of moon above, and day of month below.

GREAVES, WILLIAM, York.—Died 1796. C.

GREEN, Penrith.

Grandfather, 24 hour, light oak case, inlaid with mahogany, white dial, above stands a man in Old English costume, hat in hand.

GREEN, J., 11, Newgate Street, Newcastle.—1850. A.

GREEN, JAMES, Easingwold. P.

GREEN, JAMES, Richmond. A.

Grandfather, square brass dial, one hand.

GREEN, JAMES, Bull Lane, Norfolk.—1854. A.

GREENE, JOSEPH.

"In 1720 set up a clock at (Little) Bavington at a cost of £6 10s. od., and in 1738 a clock in the kitchen at Seaton Delaval at a cost of £2 5s. od." (Note by Mr. J. C. Hodgson, Alnwick.)

GREEN, JOSEPH, North Shields.—1820. A.

1. Grandfather.

2. Grandfather: black oak, carved with Japanese figures, trees, and a Japanese pagoda. Dial: brass with corner pieces.

3. Grandfather: black and gold lacquered hunting scenes on case: flat top to hood, with three square pedestals carrying three gilt balls, the centre one raised higher than sides. Dial: brass, bold dolphin corner-pieces, minute dial silvered, and month calendar in square aperture.

4. Grandfather, painted wood case, square brass face, with day of month aperture: has round glass in door of case to show the pendulum.

GREEN, THOS., Liverpool.

Bracket clock, mahogany case, striking on bell. The back plate is finely engraved with basket work and scroll designs. (Plate XXXIV., Fig. 2.)

GREEN, WILLIAM, Prescot.—1814-24. Q.

GREEN, WM., Snettisham, Norfolk.—1854. A.

GREEN, WM., Church Street, Cromer, Norfolk.—1854. A.

GREENER & Co., Liverpool.—1814-24. Q.

GREENWELL, GEORGE, Alston.—1828-29. A.

GREENWELL, GEORGE, Newgate Street, Newcastle.—1844. C. 22,
High Street, Newcastle.—1847. C.

White's Directory, 1847.

GREENWELL, GEORGE, North Shields.—1830. A.

GREGORY, JAMES, Ormskirk.—1814-24. Q.

GREGSON, JOHN, Lancaster.—1814-24. Q.

GREGSON, JOHN, Ulverstone.—1814-24. Q, M.

GREGSON, T., Collingwood Street, Newcastle.—1854. A.

GREY, JOHN, Durham.—1765. E.

GRIMSHAW, JOHN, Liverpool.—1814-24. Q.

GRINDAL, Dumfries.—1760. N.

GUNTON, HENRY, Briggs Street, Norwich.—1854. A.

GURDON, GEORGE, High Street, Wells, Norfolk.—1854. A.

GUTHRIE, Kelso.

Grandfather: mahogany case, round white dial.

GUY, JOHN, Liverpool. P.

HADNE, Kendal.

Grandfather. (In Mr. Arthur Feetham's collection.)

HADWIN, ISAAC, Sedberg.—1700.

Grandfather, black oak case, from Dales, dated 1700.

HALIFAX, JOHN, Barnsley.

Grandfather, 8 day, plain narrow oak. Brass sunk dial, minute hand and date dial; ornamentation in brass.

HALL, GEORGE, Wooler.—1827. A.

HALL, JOHN, Beverley. P.

HALL, JOHN (? Hull), College Street, York. B.

HALL, JOS., Aldstone (Alston).

1. Grandfather, oak case, white dial painted with terrestrial globes in arch, flower decorations at corners of dial.

2. Grandfather.

HALL, WM., North Shields.—1780 to 1820. C.

1. Two Grandfathers, mahogany.

2. Grandfather, mahogany inlaid with light coloured wood, white dial, two small pointers in circles, one showing seconds in the ordinary way, the other showing day of month.

HALLIFAX, G., Doncaster.

Grandfather, polished oak case, ordinary, square style, brass dial, with bunch of flowers at each corner.

HALLIFAX, JOSEPH, Barnsley.—*Circa* 1700-20.

Grandfather, 30 hour, dark oak case, heavily carved, fluted oak pillar at each side of head of case, with brass cap at top and bottom of each pillar, 12-in. brass dial, square, matter centre, corner ornaments cast brass, with vases of Adams pattern, and days of the month dial.

HALLIWELL, J., Rochdale.—1814. A.

HALLIWELL, JAMES, Chorley.—1814-24. Q.

HALLIWELL (or HOLLIWELL), JOHN, Warrington.—1814-24. Q.

HALLIWELL, WILLIAM, SENR., Chorley. P.

HALLOWAY, WILLIAM, Blackburn, Lancs. P.

HALLOWS, JONATHAN, Liverpool.—1814-24. Q.

HALLWELL, JOHN, Warrington. P.

HAMILTON, ROBT., Market Place, Hexham.—1854. A.

HAMMOND, THOS. C., Market Street, Richmond, Yorkshire.—1827.

C.

HAMPSON & THELWELL, Manchester.—1814-24. Q.

HARDAKER, JOHN, Rodley, Yorks. B.

Grandfather.

HARDIE & CHRISTIE, Manchester.—1814-24. Q.

HARDIE, JNO., Morpeth.—1806.

1. Grandfather, 7 ft. high, oak, white dial with paintings.

2. Grandfather, corners of the dial have the four seasons and in semi-circular top, a boy with a kite.

3. Grandfather, oak, white face, and a small coloured picture at the top of the dial. Date, end of 18th century.

4. Grandfather, oak, 8 day. Dial: white, painted with bird perched on a tree.

HARDIE, PATRICK, Buller's Green, Morpeth.—1770. A.

1. Grandfather, formerly in plain deal, now recased in oak. Dial: brass, seconds hand.

2. Grandfather.

HARDY, EDWARD, Hull. P.

HARDY, JOHN, Copper Chare, Morpeth. M, P.

HARGRAVES, JAMES, Bawtry.—1807-32.

(Note by Mr. J. A. Symington, Bawtry, Yorks.)

- HARGRAVES, T. or F., Settle.
Grandfather, mahogany, carving of pillar style with brass decorations. Painted dial, brass hands, hour and seconds. Picture of foxhound at top. Fox, two hounds, huntsman in red coat and hunting cap, and head of white horse coming over fence.
- HARGREAVES, THOMAS, Settle. P.
Universal Directory, 1790.
- HARIMAN, E., Crosby.
Grandfather, 30 hour, brass dial. Calendar revolving wheel behind dial shows only one date at a time.
- HARLE, JOHN, Rothbury. A.
Grandfather.
- HARLE, JOS., Rothbury—*Dated 1741.*
1. Grandfather, oak, mahogany fluting on the narrow waist, 8 day. Dial: arched brass, calendar dial maker's name and date 1741 at foot and name "Humphrey Henderson" in arch (probably the first owner).
2. Grandfather, brass face. D.
3. Grandfather, brass face. Inscribed "to John Perry, 1752. Jos. Harle, Rothbury." D.
4. Grandfather: oak, brass dial. 5. Grandfather.
6. Grandfather: oak, 8 day, brass dial.
- HARRIMAN, Workington.
Grandfather. Dial: 12 ins. square, brass, with plate to fix to dial, engraved Jno. Wakefield, Ayton Banks, No. 75.
- HARRIS, HY., King Street, Thetford.—1854. A.
- HARRISON, EDWARD, Warrington. P.
- HARRISON, F., Hexham.—1854. A.
(On label in case "opposite the Sun Inn.")
Grandfather, dial has painted scene of Jesus blessing the loaves and fishes before distributing them to the multitude.
- HARRISON, JAMES, Coger Street, Hull.—1840. A.
Also maker of church clocks.
- HARRISON, JASPER, Side, Newcastle.—1790. A.
- HARRISON, JOHN, 4, High Row, Chester-le-Street.
White's Directory, 1847.
- HARRISON, JOHN, 4, High Street, Darlington.—1850. A.
Came from London and commenced business in Darlington about 1827 and died 1876. He was a noted maker for quality. (Note by Mr. Edward Wooler, Darlington.)
- HARRISON, JNO., Newcastle.
1. Grandfather, 24 hour, brass dial with calendar.
2. Grandfather, mahogany. 3. Grandfather, mahogany, chiming.
- HARRISON, JOHN, Liverpool.—1814-24. Q.
- HARRISON, JOHN, Warkworth.—1854. A.
1. Grandfather, oak, inlaid with mahogany. Dial: white enamel with picture of Warkworth Castle.
- HARRISON, THOMAS, Liverpool. P.
- HARRISON, W., Hexham.
Grandfather, 24 hour, white dial.
- HARROCKS, Eamont Bridge, Penrith.—1777.
1. Grandfather: oak case, plain square top, brass dial, month calendar.
2. Grandfather, oak, ornamented with mahogany. Dial: brass, scroll with superimposed circle of white metal bearing chapters, monthly calendar.

THE 17TH, 18TH, AND 19TH CENTURIES



- HARRYMAN, JOHN, Workington.—1811. N.
- HART, JACOB, 25, Humber Street, Hull. B.
- HART, W. G., 45, London Street, Norwich.—1854. A.
- HARVEY, Morpeth.
Brass face, with silvered band.
- HARVY, York.—1814. A.
- HASTINGS, DAVID, Alnwick. B.
1. Supplied public clock for Alnwick, 1771. "A man famous in the town for his ingenuity, supplied this clock for £121 2s. 6d." Tate's History of Alnwick. 1868.
2. Grandfather, oak case, brass dial.
3. Grandfather, brass face. D.
4. Grandfather, oak, inlaid with chinese figures, height 7 ft. 8 ins., brass face.
5. Grandfather, oak case, on hood, three gilt balls. Dial: brass, fancy work at corners, monthly calendar.
- HATHORN, JNO., Newcastle.
1. Grandfather.
2. Grandfather, oak case, plain, brass dial, cast cornerpieces.
- HAWKSWELL, THOS., Brompton, North Riding, Yorks. B.
- HAWMAN, JOHN, Bishop Street, Stockton.—1827. C.
- HAWTHORN, JOHN, Newcastle.—1780. A.
- HAWTHORN & BEILBY, Newcastle.—1780.
Grandfather.
- HAWTHORN, FERGUSON & Co., Orchard Street, Newcastle.—1811 C.
Brassfounders and Clock Manufacturers, and of London.
1. Wall clock, with mahogany long trunk case, dial of white metal. (? silvered.)
2. Wall clock: 4 ft. long, case has an inlaid border. Belonged to the late Thos. Clutterbuck of Warkworth.
- HAXBY, ROBERT, Sunderland.—1750-71. E.
- HAY, ELIZABETH, Micklegate, York. B.
- HAY, THOMAS, Bishopscastle.
- HAYES, RALPH, Old Market Place, Kirkby Lonsdale.—1828. A.
1829. N.
- HAYWARD, JAMES JOHN, 3, Little London Street, Norwich.—1854. A.
- HEALEY, JOHN, Manchester.—1814-24. Q.
- HEALEY, THOMAS, Manchester.—1814-24. Q.
- HECKLE, ALLANSON, Liverpool.—1814-24. Q.
- HECKLE, ANTHONY, Liverpool.—1814-24. Q.
- HECKLE, ATKINSON, Liverpool.—1814-24. Q.
- HEDGE, NATHANIEL, Colchester. A.
- HEDLEY, JOHN, 37, Sadler Street, Durham.
White's Directory, 1847.
- HEDLEY, JOHN, 106, Claypath, Durham.—1852. A.
Walker's Directory of Durham, Paradise Lane, 1860.
- HEINE, WENDLIN, 35, Blenheim Street, Newcastle.—1854. A.
- HELLIWELL, WM., Leeds.—1815.
1. Grandfather. 2. Grandfather, 1816 and one 1821.
3. Grandfather, spanish mahogany, white dial with coloured painting at the top, shows days of the month, 8 day.
- HEMINGWAY, JOHN, Manchester.—1814-24. Q.

HENDERSON, FRs., Etill (Etal).

Grandfather, oak case, brass face, said to have been made by a blacksmith at Ford Forge.

HENDERSON, JOHN, Wabberthwaite, Cumberland.—*Circa* 1830.

Grandfather, dial painted white.

HENDERSON, MILES, Penrith.—1773. A.

HENDERSON, ROBT., Edinburgh.—1750. A.

HENDERSON, Scarborough.—1715. A.

HENDERSON, ROBERT, Scarborough.—1820. R.

1. Grandfather.

HENDERSON, THOS., Houghton-le-Spring.

1. Grandfather.

2. Grandfather, date 1839, 8 Jay, mahogany. Dial: enamelled, with seconds, month dial within chapter circle: at corners paintings of dogs: in arch a sleeping boy and dog.

3. Grandfather, mahogany, white decorated dial, *circa* 1840.

HENDERSON, THOS., Hull.

Grandfather, ebonized black and gold case, brass dial.

HENDRICK, JOHN, Liverpool.—1814-24. Q.

HENDRICK, JOHN & PETER, Liverpool.—1814-24. Q.

HENDRIE, JAMES, Wigton.—Born 1680, alive in 1721. N.

1. There is a sundial in Bowness-on-Solway churchyard bearing this name dated 1724.

2. Grandfather, oak case, brass dial.

3. Grandfather, oak inlaid, 30 hour, pulls up with a chain and weight every night. Brass dial with the four seasons represented at the corners, silvered circle.

4. Grandfather, black oak, brass dial.

5. Grandfather, square brass dial.

6. Grandfather, black case, brass dial. A.

HEPTON, JOHN, Northallerton.

White's Directory, 1840.

1. Grandfather, mahogany, painted face, with picture of "The Last Supper," *circa* 1837.

HEPTON, THOMAS, Northallerton. P.

Universal Directory, 1790.

HEPTON, WILLIAM, Northallerton. B.

White's Directory, 1840.

1. Bracket, mahogany bell top case, white dial (Plate XXXI).

HERBERT, R., South Shields.—1800. A.

1. Grandfather, mahogany, brass dial, ornamented at the four corners with brass filigree work, two small dials within the larger, one giving the seconds, and one the day of the month.

2. Grandfather, dial: brass and silvered, name on silvered plaque.

HERBERT, R., Houghton-le-Spring.

Grandfather, oak case, enamelled dial.

HERMAN, SEBASTIAN, Railway Street, King's Lynn.—1854. A.

HERON, W., Newcastle.—1790. A.

HERRON, JOHN, Cowpen Quay, Blyth.—1854. A.

White's Directory, 1847.

1. Grandfather, 8 ft. high.

HESELTINE, GEORGE, High Street, Bridlington.—1840. A.

HESELWOOD, JOHN, 53, Goodramgate, York.—1840. A.

HETTICH, CLEMENT, 37, Norfolk Street, King's Lynn.—1854. A.

- HEYES, CHRISTOPHER, Oldham.—1814-24. Q.
 HICK, MATTHEW, Minster Gate, York. B.
 HICKS, CHARLES, Liverpool.—1814-24. Q.
 HIDE, RALPH, Sunderland. P.
 HIGGINS, J., Huddersfield.—1814. A.
 HILL, North Shields. E.
 Grandfather.
 HILL, JOHN, Prescot. P.
 HILL, JOHN, Whitby.
 White's Directory, 1840.
 HILL, J. L., Penrith.
 Grandfather.
 HILL, RICHARD, Liverpool.—1814-24. Q.
 HILL, ROBT., Church Yard, Penrith.—1828. A. 1829. L.
 HILL, SAMUEL, Sheffield. P.
 HILL, SAMUEL, Sheffield.
 1. Grandfather, 30 hour, plain oak case, round brass face, engraved.
 2. Grandfather, plain, no inlaid work, mostly oak, but a little mahogany; white enamel dial, Roman hour figures, hour and minute hand, with seconds hand in its own circle in upper part of hour dial.
 HILL, SAMUEL, Totley, Derbyshire.
 Grandfather, 30 hour, oak case, veneered maple wood, small square brass dial, cast brass spandrels, engraved face, tells days of month, no seconds hand.
 HILLS, RALPH, Sunderland.—1775.
 HILLS, RALPH, High Street, Bishop Wearmouth, Sunderland. M.
 HINDERWELL, JOHN, Norton.—1827. C.
 HINDERWELL, MATTHEW, Silver Street, Stockton.—1827. A.
 HINDERWELL, T., Norton.
 White's Directory, 1847, Stockton, 1850. A.
 HINDHAUGH, South Shields.—1800. A.
 Grandfather.
 HINDLEY, HENRY, York.—1731. C.
 HINDLEY, JOSEPH, York.—1754. C.
 HINDLEY, York. A.
 Grandfather, brass dial.
 HIRST, SAM., Leeds. P.
 HISLOP, JAS., East Dereham, Norfolk. 1854. A.
 HODGESON, MARCUS, York.—1676. C.
 HODGESON, CHARLES, JUNR., 11, Newgate Street, Newcastle.—1854.
 A.
 HODGSON, D., Hexham.
 Grandfather, painted case, brass dial, early 19th century.
 HODGSON, JOHN, Annan.—1845. N.
 HODGSON, THOMAS, Silver Street, Durham. A, M.
 60, Crossgate, Durham, White's Directory, 1847.
 HODSON, WILLIAM, Bolton-le-Moors. P.
 HOGARTH, JAS., Church Street, Berwick-on-Tweed. M.
 HOGARTH, JOHN, Stevenson Street, North Shields. A, M.
 White's Directory, 1847.

HOGG, PETER, Felton.—1788. A.

1. Grandfather, brass dial, fancy corner pieces, month dial, and has had a small weather glass at side.

2. Grandfather, oak, brass dial.

3. Grandfather, brass dial.

4. Grandfather, oak case, maker's name on a disc at top of face. Dial worked on ornamental brass, minute hand and days of month at bottom of face.

5. Grandfather, brass face, and moving dial gives days of the month.

6. Grandfather, brass dial.

7. Grandfather, brass face, moon dial.

8. Grandfather, brass face, second hand at upper part of dial, lower part, dial with the 31 days of the month.

HOLBORN, ROBERT, Sheffield. P.

HOLGATE, WILLIAM, Wigan.—1814-24. Q.

HOLL, G. T., Buckenham New, Norfolk.—1854. A.

HOLL, GEORGE, Kenninghall, Norfolk.—1854. A.

HOLLAND, JAMES, Bury, Lancs. P.

HOLLAND, W., Chester.—1814. A.

HOLME, THOMAS, Hexham.

1. Grandfather, 24 hour, one weight, brass dial.

2. Grandfather, brass faced. D.

3. Grandfather, 8 ft. high, oak case, carved with Greek key pattern, the dial is finely engraved. Tradition says this clock was made for the "Chief of Beaufort." There is an entwined cypher monogram I.C. in arch of dial.

HOLMES, RICHARD HENRY, 6, Bishop Inn, Hull. B.

HOLMES, THOS., Cheadle.—1735. A.

HOLROYD, R., Halifax.—1814. A.

HOLROYD, Wakefield.

Grandfather, oak, brass face, the door and joint of the pedestal are carved.

HOLT, J., Rochdale.—1814-24. Q.

HOLT, RICHARD, Newark.

Grandfather.

HOLT, VALENTINE, Rochdale.—1814-24. Q.

HOLTBY, ABLE, Market Place, Great Driffield.—1840. A.

HOPE, HUGH, Dumfries.—1770-1828. N.

HOPPER, WILLIAM, 32, New Elvet, Durham.

Walker's Directory of Durham, 1860.

HOPPERTON, EMMANUEL, Leeds. 1750.

Grandfather, oak with a plain inlay of marquetry. Brass dial engraved, and a silvered hour circle, ornamental brass spandrels with the cherub head design.

HORNBY, GEORGE, Liverpool. P.

HORNBY, GERALD, Liverpool. P.

HORNBY, HENRY, Liverpool.—1814-24. Q.

HORNBY, JAMES, Liverpool.—1814-24. Q.

HORNBY, JOHN, Liverpool.—1814-24. Q, P.

HORNBY, RICHARD, Liverpool.—1814-24. Q.

HORNCY, W., Easington Lane.

Grandfather, mahogany, white face.

HORNSAY, THOS. ED., 12, St. Andrewsgate, York.—1840. A.

- HORNSEY, GERRARD, Liverpool.—1814-24. Q.
- HOUGHTON, JOHN, Chorley. P.
- HOUGHTON, S., Chorley.—1814-24. Q.
- HOUGHTON, THOMAS, Chorley. P.
- HOUISON, JAMES, 12, Spurvergate, York.—1840. A.
- HOULBROOK, HENRY, Liverpool.—1814-24. Q.
- HOWE, JOHN, High Street, Wigton. M.
- Corn Market, Wigton, 1828. A.
- HOWES, BENJAMIN, Downham, Norfolk.—1854. A.
- HOWES, JOHN, Keswick.
- Grandfather.
- HOWLBROOK, HENRY, Liverpool. P.
- HOY, DUNHAM J., Matteshall, Norfolk.—1854. A.
- HOY, ED., Elmham North, Norfolk.—1854. A.
- HOY, ED., Whissonsett, Norfolk.—1854. A.
- HOYLE, WILLIAM, Rochdale.—1814-24. Q.
- HUDSPETH, Newcastle.
1. Grandfather, dark mahogany, white dial, *circa* 1830.
 2. Grandfather, mahogany, turned pillars, fretted top, 3 brass balls, with spread eagle on centre one. Dial, white, brass hands, painted with a picture of The finding of Moses.
 3. Grandfather, mahogany, turned pillars, and small door, the hood had originally fret work at the top, white enamel dial, with a picture of two huntsmen, and hounds chasing a fox.
- HUDSON, Otley.
- Grandfather, inlaid mahogany, enamelled dial, showing date of the month. There are two scenes, a land, and a sea-scape, on a revolving disc.
- HUGUENIN, AIME, Liverpool.—1814-24. Q.
- HULME, T., Macclesfield.—1814. A.
- HULSE, HENRY, Manchester.—1814-24. Q.
- HUMPHREY, WILLIAM, Hartlepool.
- Born at Barnard Castle in 1812. Commenced to make the clock named by Charles Dickens "Master Humphreys Clock," in 1828. Moved to Hartlepool in 1838, and died there in 1887.
- HUMPHREYS, THOS., Market Place, Barnard Castle. M.
- Market Place, 1827. A. White's Directory, 1847. He was the father of William Humphreys, maker of "Master Humphreys Clock."
- HUMPHREYS, THOS., High Street, Hartlepool.—1850. A.
- HUME, ROBERT, Glanton.—*Circa* 1830-58.
- Grandfather, mahogany, oak, and maple case, white dial. This clock was purchased about 1858-59 and was one of the last he made.
- HUMMEL, JOSEPH, 137, Norfolk Street, King's Lynn.—1854. A.
- HUNT, HENRY, Broad Row, Yarmouth.—1854. A.
- HUNT, JAS., Upwell, Norfolk.—1854. A.
- HUNT, RICHARD, Manchester.—1814-24. Q.
- HUNTER, JAMES, Liverpool.—1814-24. Q.
- HUNTER, JOHN, Bridlington. B, P.
- HUNTER, THOMAS, Liverpool. P.

HURST, EDWARD, North Shields.

24, Union Street, 1844, C., and 27, West Percy Street, White's Directory, 1847.

HURST, ED., Howdon, Northumberland.—1827. A.

1. Grandfather.

HUSBAND, THOMAS, Hull. P.

1. Grandfather, oak case, brass dial.

HUTCHINSON, Clitheroe.—1814-24. Q.

1. Face shows day of month, hour, minutes and seconds. Above the face are represented the two hemispheres, and above and behind them there is a revolving disc showing a boat at sea on one half and a country cottage on the other. Around this is a semi-circular scale marked 1, 5, 10, 15, 25, 29. This part of the clock has not been in working order for many years. Function unknown. In each corner of clock face are conventional flower designs in colour.

Case 8 ft. high, mahogany, power supplied by two hanging weights of about 12 lb. each. Pendulum about 3 ft. long. Strikes hours only.

2. Grandfather, 8 ft. high, door has triple lancet arch top, and carved twist fluted pillars at side, scroll top.

Dial has seconds and month dials in centre, and phases of the moon dial in arch.

HUTCHINSON, Worksop.

Grandfather, oak, mahogany on corners, dome top, long door, square brass dial ornamented in corner, one pointer, date of month, 30 hour.

HUTHINSON, Durham.—1752-62. E.

HUTCHINSON, C., Church Street, Monkwearmouth.—1844. C.

White's Directory, 1847-50. A.

HUTCHINSON, ISAAC, Keswick.—1847. N.

HUTCHINSON, J., Groat Market, Newcastle.—1811. A.

HUTCHINSON, J., Birstall, near Leeds.

Grandfather, black oak, beautifully carved, Greek key work round dial, original ropes for winding.

HUTCHINSON, J., Burnley, P.

HUTCHINSON, JOHN, High Cross, Appleby. M.

Boroughgate, 1828. A. 1829. N., L.

HUTCHINSON, JOHN, 19, Bondgate, Chester-le-Street.

White's Directory, 1847.

HUTCHINSON, JOHN, Prebend Row, Darlington.—1850. A.

HUTCHINSON, JOHN, Durham.—1752-62. A.

HUTCHINSON, THOS., Leeds.

Grandfather, oak, brass dial, calendar on lower part of face.

HYAM, JOSEPH, John Street, Sunderland.—1847. C.

ILLINGWORTH, WM., Old Turnpike House, Kirkby Lonsdale.—1828.

A. 1829. L.

ENGLISH, DAVID, Manchester.—1814-24. Q.

ENGLISH, MARY, Manchester.—1814-24. Q.

INMAN, JAMES, Burnley.—1814-24. Q.

INMAN, JAMES, Colne.—1814-24. Q.

ISAACS, RALPH, Liverpool.—1814-24. Q.

ISMAY, JOHN, Oulton, Wigton.—1713.

Square, brass dial.

- ISSOT, JOHN CLOUGH, Butcher Row, Beverley.—1840. A.
- IVESON, RICHARD, Kirkby Stephen.
(Note by.)
- IVISON, HENRY, Carlisle.—1811. L.
- IVISON, JOHN, St. Alban's Row, Carlisle.—1811-29. L. 1828. A.
1. Grandfather, mahogany, white face, above the dial are two hemispheres marked with the lines of latitude and longitude, and above that again, a picture bearing the face of the moon, a cottage, a ship which moves with a circular movement.
2. Grandfather, oak, dial brass, with moon dial.
3. Grandfather, plain oak case, square top. Dial, square brass, with brass chapter circle, fretted corners.
4. Grandfather, light oak, inlaid mahogany white face.
5. Grandfather, brass dial, month calendar, "on tablet (circular) above dial is engraved names of Joseph and Jane Bulman."
- IVISON, RICHARD, Kirkby Stephen.—1828. A. 1829. N.
(Note by Richard Iveson, Kirkby Stephen.)
- JACKSON, Hexham.—1770. E.
1. Grandfather, square brass dial.
2. Grandfather, oak, brass face, 24 hours.
3. Grandfather, brass dial.
4. Grandfather, brass face.
5. Grandfather clock, 8 day, brass dial, "fine old clock."
- JACKSON, Scarborough. A.
Grandfather, mahogany and satinwood case, brass dial.
- JACKSON, ABRAHAM, Liverpool.—1814-24. Q.
- JACKSON, EDWARD, 14, Coney Street, York. B.
- JACKSON, HENRY. C.
Bigg Market, Newcastle, 1838. Collingwood Street, 1839.
Plummer Chare, 1844. 52, Quayside. White's Directory, 1847.
- JACKSON, ISAAC, Wylam.—Born 1796-1862. A.
1. Clock for Robert Stephenson in 1857, now at Darlington.
2. One of his make at Whitfield, two at Wylam, and one at Newburn.
- JACKSON, JOHN, Lancaster.—1814-24. Q.
- JACKSON, WILLIAM, Easingwold. P.
- JACKSON, WILLIAM, 50, King Street, Whitehaven. M.
- JACOB, ISAAC & Co., 20, Wapping Street, South Shields.—1844. C.
- JACOBS, BETHEL, 7, Whitefriargate, Hull.—1840. A.
- JACOBS, EDMUND, Church Square, Yarmouth.—1854. A.
- JACOBS, ISRAEL, Scarborough.
White's Directory, 1840.
- JACOBS, J., 19, Story Street, Hull. B.
- JACQUES, ABRAHAM, Eamont Bridge.—1753.
Grandfather, oak, rounded head, brass dial at each corner a piece of fancy carved brass. In middle of dial is a round piece of brass with the names, John and Mary Slenn, 1753, chain winding.
- JAMISON, GEORGE, Liverpool.—1814-24. Q.
- JAQUES, J., Wakefield.
1. Grandfather, oak case, fluted pillars, white dial, corner decorations.
2. Grandfather, *circa* 1760 A. 3. Grandfather.
- JAMES, JOHN, Petersfield. A.

- JAMES, JOHN, 1, Blackfriargate, Hull.—1840. A.
- JARVIS, JOS., Dalton, Cumberland.
 1. Grandfather.
 2. Grandfather, oak case, brass face engraved with two parrot-like birds and flowers. Tells the day of the month.
- JARY, JAMES, Holt, Norfolk.—1854. A.
- JEFFERSON, JOHN, Market Place, Great Driffield. A, B.
- JENKINSON, EDWARD, Bawtry.—1834-40.
- JERIMIAH, Ashton.
 Grandfather.
- JOEL, ISAAC, Preston.—1814-24. Q.
- JOEL, T., 10, Dean Street, Newcastle.—1844. C.
- JOHNSON, Congleton.—1814. A.
- JOHNSON, Morpeth. A.
- JOHNSON, CHRISTOPHER, Knaresborough. P, R.
 Grandfather: mahogany top, oak body, with mahogany inlay.
 Dial: enamelled white, decorated with floral designs in green, black and gold.
- JOHNSON, GEORGE, Settle. F.
 Grandfather, 2 day, wound by rope, hood carved at sides.
 Dial: brass, one hand.
- JOHNSON, H. W., Newcastle.
 Grandfather.
- JOHNSON, I., Liverpool.—1814-24. Q.
- JOHNSON, JAMES, Prescot. P.
- JOHNSON, JOHN, Rothbury.—*Circa* 1777. D.
 A clock in Rothbury is said to be dated 1715.
- JOHNSON, JOHN, Prescot. P.
- JOHNSON, MICHAEL, Market Place, Barnard Castle. A, M.
- JOHNSON, RICHARD, Ripon. P.
- JOHNSON, ROBERT, 35, High Row, Chester-le-Street.
 White's Directory, 1847.
- JOHNSON, R. W., Newcastle.
 Grandfather: plain oak case, square side and head. Dial: white enamel, brass, pierced hands. The name Grainger also appears indistinctly on the dial.
- JOHNSON, THOMAS, Prescot. P.
- JOHNSON, WILLIAM, York.—1665. C.
- JOHNSON & CO., Bolton-le-Moors.—1814-24. Q.
- JONES, J., Chester.—1814. A.
- JONES, WILLIAM, Manchester.—1814-24. Q.
- JONES & FORRESTER, 17, Market Place, Hull. B.
- JONES & SON, ROBERT, Liverpool.—1814-24. Q.
- JOBLING, P. Chester-le-Street.
 1. Grandfather, *circa* 1826, 8 day.
 2. Grandfather, mahogany. Dial, white, figures of 4 seasons as corner pieces, in arch a globe in centre, two females, one seated with a lion crouching on one side, on the other an Indian chief.
 3. Grandfather, walnut, inlaid with black ebony, upper portion of case veneered with mahogany, two pillars, brass top and bottom, turned mahogany and ebony. Pictorial face, second and daily dial.
 4. Grandfather, inlaid mahogany case, a piece of brass inlaid below the door. Dial has a picture of "Lady of the Lake" at the top, flowered corners.

- JOSEPH, D., 16, Howick Street, Sunderland.—1850. A.
 JOSEPH, HYAM, John Street, Sunderland.
 White's Directory, 1847.
 JOSEPH, NESHAM, 145, High Street, Sunderland. A.
 JOSEPH, JACOB, Sunderland. A.
 Grandfather, mahogany inlaid case.
 JOY, JULIUS, Manchester.—1814-24. Q.
 JULES, GEORGE, North Walsham, Norfolk.—1854. A.
 JULES, MILES, Hunstanton, Norfolk.—1854. A.
 JULES, W., Burnham, Westgate, Norfolk.—1854. A.
 JUNIOR, Alnwick.
 Grandfather: plain oak case, painted arch dial, with gilt and painted corner pieces; seconds and calendar dials within hour circle.
 KAY, SAMUEL, Manchester.—1814-24. Q.
 KAY, THOMAS, Warrington.—1814-24. Q.
 KEARTON, Alston.—1780. L.
 KEHLE, JOSEPH, Duke Street, Norwich.—1854. A.
 KELLY, JOHN, Liverpool.—1814-24. Q.
 KENERDAL, THOMAS, Wigan. P.
 KENT, JOHN, Manchester. P, Q.
 KERRISON, JAS., Magdalen Street, Norwich.—1854. A.
 KERSS, WILLIAM, Redheugh, Gateshead.—1839. C.
 White's Directory, 1847.
 KEYTE, RICHD., Witney. R.
 Bracket clock, with gong on top.
 KING, A., Monkwearmouth.—1800.
 Grandfather, inlaid rosewood case with a brass dial. Above the dial is a smaller dial with the inscription "A. King, Monkwearmouth, 1800." The dial is surrounded with a square of carved metal work, the fingers especially being a good example of wrought brass work.
 KING, GEORGE, Red Lion Street, Norwich.—1854. A.
 KING, JOHN, Lynn. A.
 Grandfather.
 KING, THOMAS, Alnwick. P.
 1. Grandfather, oak, 1 day, 6 ft. 6 ins. high. Dial: brass, chased corner pieces, monthly calendar.
 2. Grandfather, white dial.
 3. Grandfather, Inlaid mahogany, 7½ ft. high, painted dial, flowers and fruit in corners, hour and minute pointers and seconds pointer in small circle. Strikes hours and half hours.
 KINNEAR, M., 7, High Friar Street, Newcastle.—1850. A.
 KIRK, JOHN, Rothbury.—1766. D.
 Grandfather, white face.
 KIRK, KEZIA & THOS., Grimsby Lane, Hull.—1840. A.
 KIRK, WILLIAM, Manchester. P.
 KIRK, W., 14, Collingwood Street, Newcastle.—1827. A.
 KIRKUP, MATTHEW, Nunsgate, Newcastle.—1811. A.
 4 SER., VOL. I.

KIRTON, GEORGE.

Church Row, South Shields. 1827. Thrift Street, South Shields.
1828. 8, Market Place, South Shields. 1844. 8, Market Place,
South Shields. 1847. (White's Directory.) 3, Lambton Street,
Sunderland. 1850. A.

1. Grandfather.

KIRTON, JAMES.

"The Ingenious Clockmaker of Alston buried the 1st of June,
1729." (Alston Registers.)

KIRTON, WILLIAM, 14, Collingwood Street, Newcastle.—1827-50. A.

KITCHEN, JAMES, Whitehaven.—1811. N.

KLINGELE, C., 42, Percy Street, Newcastle.—1850. A.

KNEESHAW, ROBERT, Stokesley, Yorks. B.

1. Grandfather, inlaid mahogany veneered case, painted dial,
has dial for age of month, but not year : 8 day.

KNIBB, JOSEPH, Oxon. A.

KNIBB, SEBASTIAN, Scale Cross, Newcastle.—1821. C.

KNIGHT, THOMAS, Manchester.—1814-24. Q.

KNIGHTS, Halstead. A.

Grandfather.

KNOWLES, ROBERT, Liverpool.—1814-24. Q.

KNOX, ALEXANDER, Berwick-on-Tweed.—1790. S, P.

KUSS, B., 24, Bridge Street, Sunderland.—1850. A.

Grandfather, mahogany, white dial.

LAIDLAW, Newcastle. A.

Grandfather.

LAIDLAW, THOS., Hetton-le-Hole, Durham.—1827. A.

LAIDLAW, THOMAS, High Bridge, Newcastle-upon-Tyne. M.

LAING, ANDREW, Stamfordham.—1790-1827. A.

LAMB, JOHN, 52, Church Street, Sunderland.—1827. C.

LAMB, THOMAS, High Friar Street, Newcastle-upon-Tyne. M.

LAMB, THOS., The Row, Yarmouth.—1854. A.

LAMBERT, PETER, Hydehill, Berwick-upon-Tweed.—1827. A.

LAMPLUGH, JOHN, High Street, Bridlington. B.

LANCASTER, Barnard Castle. A.

LANCASTER, FRANCIS, Liverpool.—1814-24. Q.

LANGSTAFF, THOMAS, North Street, Middlesbrough.

White's Directory, 1847.

LARARD, THOS., 32, Market Place, Hull. A, B.

LAST, W., King Street, Yarmouth.—1854. A.

LATHAM, J., Macclesfield.—1814. A.

LATHERLAND, PETER, Liverpool. P.

LATIMER, HENRY, Gateshead.

1. Grandfather, oak, brass dial, engraved.

2. Grandfather, oak, figured brass dial, circular brass dial to
indicate moon changes, also on main dial a date recorder.

LATIMER & MILLER, Gateshead. E.

LAW, JEREMIAH, Rochdale. P.

LAW, SAMUEL, Rochdale.—1814-24. Q.

LAWLEY, THEODOR, 2, Bridge Street, Gateshead.—1833. A.

LAWRENCE, JOHN, Lancaster. P.

LAWRIE, Banker & Clockmaker, Carlisle.—1747. L.

1. Chippendale case, brass dial.

2. Two Grandfathers, 8 day, brass dials.

3. Grandfather, oak case, brass dial, embellished at the corners, and day of month mechanism, sailing ship at the top of dial which is worked by the pendulum, and has a motion which makes it appear to be breasting the waves, strikes the hours, on a powerful bell, 8 day.

4. Grandfather, square brass dial, 24 hour.

LAWS, EDWARD, Grosvenor Street, Gateshead.—1844. C.

LAWSON, Kirkoswold.

Grandfather, mahogany case.

LAWSON, JOHN, Warrington.—1814-24. Q.

LAWSON, L., Bradford.

Grandfather, oak, brass dial, hour figures on a band of oxydised metal, above dial, two moons, separated by pictures of "The Crucifixion," and "The Ascension."

LAWSON, SAMUEL, Keighley, Yorks.—1740. A.

LAWSON, WILLIAM, Keighley. P.

(Note by Mr. J. H. Wilkinson.)

The engraved brass dial is 14 ins. across, surmounted by a stationary arched rim, inscribed in bold letters "Time is short and Eternity long." A revolving circular plate 10 ins. diameter, fills in the space often occupied by a moving moon, it is divided to near half the diameter into four complete circular sections, and the remaining central portions into four radial parts, each showing oil-painted pictures emblematic of the four seasons. The whole plate is again divided into twelve radial sections, each representing a calendar month. The outer section contains the days of the month, and an inner one the consecutive numbers of the weeks in the year passing, and still another one shows the principal events, civil and ecclesiastical with their proper dates falling in each month of the year as follows:—

January 1st—New Year's Day, St. Paul's Day.

February—Candlemas Day, 2nd. Old Candlemas Day, 13th.

St. Mathia's Day, 24th.

March—Lady Day, 25th.

April—St. Mark's Day, 25th.

May—St. Phillip and St. James' Day; Old May Day, 12th.

June—St. Barnabas' Day, 11th. Longest Day, 21st. St. John, Baptist, 24th. St. Peter and Paul, 29th.

July—Old Mid-Summer Day, 5th. St. James' Day, 25th.

August—Lammas Day, 1st. St. Bartholomew's Day, 24th.

September—St. Matthew's Day, 21st. St. Michael's Day, 29th.

October—Old Michaelmas Day, 10th. St. Luke's Day, 18th. St. Simon and Jude's, 28th.

November—Gunpowder Plot, 5th. Martinmas, 11th. Old Martinmas, 22nd.

December—St. Thomas' and Shortest Day, 21st. Christmas, 25th. St. Stephen's Day, 26th.

The centre of the dial contains the scriptural injunction in script letters, "Watch ye, therefore, be ye also ready, for ye know neither the day nor the hour your Lord doth come! Lest coming suddenly find you sleeping, and what I say unto all, Watch."

The moon's phases and age are shown on a disc in the lower part of the dial.

This unique specimen of the clockmakers still bears the name of "W. Lawson, Keighley (Yorks.);" It has a well made oak case, with long fluted side columns set in rich brass capitals and base

cups, the arched head is surmounted with well designed fretwork overtopped with the original brass balls. The door and base are enriched with an inlaid star design in coloured woods, and is altogether a fine piece of 18th century cabinet work by an artist whose name might well have been handed down to posterity. There is no date to fix its age, but the several references to "order" dates in the table of days or "old style" indicates it would be made shortly after 1752.

- LAWSON, W., Bradford.—1814. A.
 LAWSON, WILLIAM, Newton-le-Willows. P.
 LAWSON, WILLIAM, Todmorden.—1814-24. Q.
 LAYBOURN, CHRISTOPHER, Driffield. B, P.
 LEA, JAMES, Liverpool.—1814-24. Q.
 LEACH, JOHN, Kirkham.—1814-24. Q.
 LEADBETTER, CHARLES, Wigan.—1814-24. Q.
 LECKE, DAVID, Annan.—1820. N.
 LEDGARD, JOSEPH, Newcastle.—1707-32. A.
 LEDGER, JOSEPH, Newcastle. A.
 Grandfather, brass dial.
 LEE, JOHN, Liverpool.—1814-24. Q.
 LEES, JOHN, Middleton.—1814-24. Q.
 LEES, SAMUEL, Ashton-under-Lyne.—1814-24. Q.
 LEES, THOMAS, Bury.—1814-24. Q.
 LEES, WILLIAM, Haslingden.—1814-24. Q.
 LESTER, THOS., Tuddenden. A.
 Grandfather.
 LEVY, ALEXANDER, 2, St. Nicholas' Square, Newcastle. C.
 LEVY, MICHAEL, Hull. P.
 LEWIS, Wincanton.—1760. A.
 LEWIS, GEORGE, Manchester.—1814-24. Q.
 LEWIS, GEORGE SAMUEL, Mosley Street, Newcastle.—1827-33. A.
 White's Directory, 1847.
 LEWTHWAITE, GEORGE, Ulverstone. P.
 LEYLAND, THOMAS, Prescott.—1814-24. Q.
 LIDDEL, CHARLES, Stockton. P.
 LIDDLE, JOHN, Morpeth. P.
 1. Grandfather, mahogany, shell and other inlays, 8 day, striking. Dial: white, brass corner pieces.
 2. Hanging clock, about 3 ft., painted black, with old Chinese figures.
 3. Wall clock, with large dial in head, 27 ins. in diameter, with trunk below 29 ins. long. Made for Admiral Roddam about 1797.
 LINDALE, RICHARD, Workington.—1811. N.
 LINFORD, ROBT., 11, Davey Place, Norwich.—1854. A.
 LINTON, JOHN, Liverpool. Q.
 LISTER, Knightley. A.
 Grandfather.
 LISTER, SAMUEL, Bolton-le-Moor. P.
 LISTER, T., Halifax.—1814. A.
 LITHERLAND, DAVIES & Co., Liverpool.—1814-24. Q.
 LITHERLAND, JOHN, Liverpool.—1814-24. Q.
 LITHERLAND, RICHARD, Liverpool.—1814-24. Q.

- LITTLE, DAVID, 47, Scotch Street, Carlisle.—1850. A.
 LITTLE, JAMES, Annan.—1805.
 LITTLE, JOHN, 8, Court Street, Carlisle. A.
 LITTLE, JOHN, Stamfordham. E.
 LITTLE, JOHN, Stannerton (? Stamfordham, Northumberland).
 Grandfather, brass dial, the hinges of the door are wire staples.
 LLOYD, JOSEPH, Wigan.—1814-24. Q.
 LOGIE, ROBT., Edinburgh. A.
 Grandfather, 8 day.
 LOMAS, Poulton.
 Grandfather, oak, narrow case, wound by a cord, brass dial.
 LOMAS, JAMES, Blackburn, Lancs. P.
 LONGLEY, T., Kirby Moorside.—1820. R.
 LONGSTAFF, J., Bishop Auckland. A.
 Grandfather, 30 hour.
 LONGSWORTH, PETER, Liverpool.—1814-24. Q.
 LORAIN, JAMES, Side, Newcastle-upon-Tyne. A, M.
 LOUGH, HUGH, Penrith.—1687.
 1. Grandfather, solid oak, with deep carving, height 7 ft.,
 hood 2 ft., base 1 ft. 5 ins., pendulum 3 ft. long.
 2. Grandfather, brass dial.
 LOUGH, HUGH (? Junior), Penrith.—1740-91. L, N.
 LOUGH, ROBERT, Penrith. P.
 1. Grandfather, oak, 6 ft. 4 ins. high, with plain moulded
 cornice, brass dial, cast brass corner pieces, shows day of month.
 LOUGHBOROUGH, JOHN, Cross-gate, Durham.—1827. A, M.
 1. Grandfather, inlaid oak case. Dial: white, painted with
 flowers, and man on a black charger hunting the tiger.
 2. Grandfather, dial painted with bust of Lord Nelson.
 3. Grandfather: mahogany, with fine inlaid work. Dial: white,
 designs in colour at top and in corners.
 LOWE, JOS., Bawtry.—1834-40.
 LUPTON, WILLIAM, York.—1681. C.
 LYON, CRAVEN, High Street, Bridlington. A, B.
 LYON, EDWARD, Manchester.—1814-24. Q.
 MCCLEUNG, G., Carlisle.
 Grandfather, inlaid mahogany case. White dial, calendar on
 lower half of dial.
 McDONALD, JOSEPH, Liverpool. P, Q.
 MCGAW, PETER, Houghton-le-Spring.—1827. A.
 MCGAW, P., Sedgfield.
 Grandfather, white face, brass pointers, paintings in each
 corner, and a painting of a pack of hounds at the top. 24 hour.
 MCLELAND, Newcastle.
 Grandfather, enamel dial.
 MCLELLANS, J., Winlaton.
 Grandfather.
 MCPHERSON, North Shields.
 Grandfather, oak case, striking. Dial: with phases of moon
 and month calendar.
 MACADAM, JAS., Quayside, Newcastle. A, K.
 MACABE, WM., Newry.—1798. A.

MACHAN, ARCHIBALD, Tanfield.

Grandfather.

MACK, JOHN, Garden Street, Cromer, Norfolk.—1854. A.

MAIRE, W., Durham.

Grandfather.

MALLET, P.—1700. A.

Lantern clock.

MALTBY, H. D., Pparent, York.—1814. A, B.

MALTMAN, F., Annan.—1830. N.

MANGIE, EDWARD, York.—1659. C.

MANNERS, JAS., Church Street, Berwick-on-Tweed. C, M.

MARKS, M., 154, High Street, Sunderland.—1850. A.

MARRIOTT, Oundle. A.

Grandfather.

MARRIS, CHARLES, 47, Blackfriargate, Hull. B.

MARSH, A., Diss, Norfolk.—1854. A.

MARSHALL, FRANCIS, Durham. C, P.

1. Grandfather: oak, 8 day. Dial has monthly calendar, clock has a cord connected to the striking mechanism, by which the hour can be repeated.

2. Grandfather, face and pointers brass, one weight on cords, seconds and calendar dials on main dial.

MARSHALL, JOHN, High Bridge, Newcastle-upon-Tyne. M.

1. Grandfather, white face.

MARSHALL, JOHN, High Street, Sunderland.—1844. C, A.

MARSHALL, RICHARD, Wolsingham.—Died 1796.

1. Grandfather, dated 1752. The dial, brass and engraved has only one pointer to indicate the time, the hour being divided into four quarters. 24 hour, 2 weights, rope wind, strikes hours.

2. Grandfather, 30 hour, dated 1740. Dial: square brass, chased corner pieces, hour hand only, the half hour being denoted by a diamond shape, and the quarter hour by a stroke between the figures, month calendar.

3. Grandfather, dated 1754, 24 hour, with rope, plain oak case, brass dial.

4. Grandfather (?), dated 1769.

5. Grandfather, queen Anne oak case, brass dial, engraved in centre with scrolls: fleurs-de-lis between the hours. On a disc under figure 12 is inscription "Made for Thomas Hunter, 1770."

6. Grandfather, black case. Dial, brass, monthly calendar and phases of the moon.

7. Grandfather, brass dial, a figure of a god and goddess at each corner, only one pointer to indicate the hours and quarter hours. A smaller pointer at the bottom of the dial indicates the days of the month.

8. Grandfather: one weight, chain wind. 9. Grandfather.

MARSHALL, ROBERT, Greenside.

1. Grandfather, plain oak, white dial.

2. Grandfather, painting on face, with shells in each corner of the same.

3. Grandfather. 4. Grandfather.

MARSHALL, ROBERT, Ryton, Woodside.—1827. C.

MARSHALL, R., Long Row.

1. Grandfather, plain white face, surrounded by a square coloured floral design.

2. Grandfather, 30 hour, white face, floral design at corners and at top of dial.
3. Grandfather.
- MARSHALL, T., Lincoln.
Grandfather: polished oak case, square brass dial.
- MARSHALL, WILLIAM, Wolsingham.
Grandfather, 30 hour, two strawberry flowers in the top corners of dial, and a Bird of Paradise in the centre, two strawberries in the bottom corners. One weight does both driving and striking.
- MARTIN, Alston.—1753. R.
- MARTIN, Liverpool. P.
- MARTIN, BENJAMIN, Manchester.
Grandfather: plain oak case, with scroll top, partly ebonized, brass arched dial, with silvered circle: two brass terrestrial hemispheres with phases of the moon in arch.
- MARTIN, THOS., Millgate, Thirsk. B.
- MARTIN, WILLIAM, Tubwell Row, Darlington.—1828. F.
- MARTIN, WM., Market Place, Darlington.—1850. A.
- MASON, JNO., Bawtry, Yorks. W.—1750. R. 1767. A.
1. Grandfather, oak, lacquered, Japanese figures, brass dial, square arch top.
2. Grandfather, oak, strong toned bell, denotes day of month.
- MASON, JOHN, Doncaster.—1740. A. 1750. R.
Grandfather.
- MASON, ROBT., Kelso.
Grandfather, oak case, white face.
- MASON, THOMAS, Bawtry.—1775-93.
1. Grandfather, mahogany, sheron, brass and silver dial, 8 day.
- MASPOLE, AUGUSTUS, 79, Lowgate, Hull.—1840. A.
- MASSAY, FRANCIS, Liverpool.—1814-24. Q.
- MATHEWS, WILLIAM, Wigton.
- MATHISON, ROB., Berwick.
1. Grandfather, brass face. 2. Grandfather, brass dial.
- MATTHEWS, WM., Market Place, Penrith.—1828. A. 1829-47.
L, N.
- MAUGHAN, JPH. H., 20, Bottle Bank, Gateshead.—1847-50. A.
1. Grandfather, mahogany, painted dial.
- MAUL, ANDREW, Wooler.—1827. A.
- MAUL, JAMES, Hide Hill, Berwick-upon-Tweed.—1827. A.
- MAULE, ANDREW, Wooler.
1. Grandfather, 4 ft. 6 ins. high, square head, narrow case, round bottom.
2. Grandfather, oak. Dial, probably refaced.
- MAULE, GEORGE, Wooler.—1827. C.
- MAULE, J., Wooler.
1. Grandfather.
2. Grandfather, oak case, white face.
3. Grandfather: oak, fretted canopy.
- MAULE, WILLIAM, Wooler.
On militia muster roll, 1809-13. D.
- MAULE, WM., Coldstream.
1. Grandfather; oak dial, white, flowers and leaves at corners, above a biblical picture, Moses receiving the Commandments.
2. Grandfather, mahogany, white face.

- MAWMAN, GEO., Market Place, Beverley, Yorks. B.
 MAY, DAVID, Prescot. P.
 MAY, WM., Rampant Horse Street, Norwich.—1854. A.
 MAYER, K., 91, Newgate Street, Newcastle-upon-Tyne.
 White's Directory, 1847.
 MEDCALF, WILLIAM, Liverpool. P.
 METCALF, JOHN, Liverpool.—1814-24. Q.
 METCALF, MARK, Askrigg, Wensleydale.—Died 1776. A.
 METCALFE, JOHN, JUNR., Askrigg. C.
 METCALFE, M., Cocker-mouth.—1847. N.
 METCALFE, THOMAS, High Street, Stockton-on-Tees. M.
 Finkle Street, 1827. A. 11, High Street, White's Directory,
 1847. Blue Frost Yard, 1850. A.
 1. Grandfather, mahogany, inlaid with oak, carved canopy,
 supported by pillars, white dial.
 MELLOR, JOHN, Manchester.—1814-24. Q.
 MERCER, JOHN, Liverpool.—1814-24. Q.
 MICHAEL, JACOB, Bedford Street, North Shields.—1844. C.
 MIDDLEMISS, M., 6, Bigg Market, Newcastle.—1850. A.
 MIDDLEMISS, ROBERT, 34, John Street, Hull. B.
 MILBURN, WILLIAM, Grange Road, Darlington.—Died 1854. F.
 MILLER, GEORGE, Gateshead.—1770. A.
 Square brass dial.
 1. Grandfather, chippendale inlaid case, dial: painted with sea
 view and ship.
 2. Grandfather, oak case, dial: brass, with corner pieces and
 dial for day of month.
 MILLER, J. Preston. A.
 MILLER, ROBSON, 38, Collingwood Street, Newcastle.—1833. A.
 MILNER, RUBEN, Regent Street, Pocklington.—1823. B. 1840. A.
 MILNER, THOMAS, York.—1740. C.
 MILLS, GEORGE, Ripon.
 Grandfather, case plain, brass arched face, embossed sides, a
 second hand, also day of month dial.
 MILLS, RALPH, Sunderland.
 Grandfather, mahogany, 7 ft. 6 ins. high, brass dial.
 MINSHULL, JOHN, Ashton-under-Lyne.—1814-24. Q.
 MITCHELL, BARWISE, Cocker-mouth.—1811-29. H.
 Commercial Directory, 1820-21.
 MITCHELL, GEORGE, 62, High Street, Sunderland. A, C.
 MITCHELL, JOHN, Maude's Ct., Sunderland.
 White's Directory, 1847.
 MITCHELL, MATTHEW, Cocker-mouth.—1811. R.
 MITCHELL, ROBERT, Coronation Street, Bishopwearmouth.—1827.
 C.
 MOLINEAUX, THOMAS, Rochdale. P.
 MOLINEAUX, WILLIAM, Rochdale.—1814-24. Q.
 MOLTINI, A., Newcastle.
 Grandfather, oak, 8-day.
 MONCAS, JOHN, Liverpool, 1814-24. Q.
 MONKES, GEORGE, Prescot. P.

- MONKHOUSE, Carlisle.—1780. A. 1790. N. 1811. L.
 1. Grandfather, black oak, brass dial, day of month dial, 24 hour.
 2. Grandfather, oak case, enamel dial, with hour figures Roman, seconds dial above, and underneath is a dial which shows the date of the month. The phases of the moon are shown.
 3. Grandfather.
- MONKHOUSE, JAMES, Carlisle. P.
- MONKHOUSE, JAMES & SON, Carlisle.—1811. N.
- MONKHOUSE, JOHN, High Row, Darlington.—Died 1840. M. 1827. A. 1828. F.
 1. Grandfather.
 2. Grandfather; polished oak, 24 hour, dial white, blue and gold corner pieces.
- MONKS, CHARLES, Prescot.—1814-24. Q.
- MONRO, G., Canongate (? Edinburgh).
 Grandfather, dark mahogany, glass panels at sides of hood; dial; brass with monthly calendar.
- MOOR, Morpeth.
 Grandfather, dated 1769.
- MOOR, Keighley. A.
 Grandfather, 30 hour.
- MOOR, JOHN, Oak Street, Norwich.—1854. A.
- MOORHOUSE, WM., Wetherby.
 Grandfather, on dial is a huntsman on horseback and two foxhounds, in the distance another huntsman with hounds in full cry; inlaid with oak and mahogany.
- MOP, JOHN, Rochdale.—1814-24. Q.
- MORDEAUX, RICHARD, Rothbury. D.
 Parish register, 1772.
- MORLAND, Kirby Malzead (Ripon).—1820. R.
- MORLAND, WILLIAM, 7, Halgarth St., Durham.
 Walker's Directory of Durham, 1860.
- MORPETH, THOMAS, Hexham. P.
- MORPETH, THOS., Hexham.—1735. A.
 1. Grandfather.
 2. Grandfather, oak, 30 hour, date 1796.
 3. Grandfather, teak wood, height of case 6 ft. 11 ins, white dial, 24 hour chain and 1 weight, monthly calendar.
 4. Grandfather, oak case, brass dial, ornamented brass corners, Roman numerals; 7 ft. high, 24 hour.
 5. Grandfather, oak, brass dial, 7 ft. high, 24 hour, winds up with a chain, has one weight, tells the day of the month.
 6. Grandfather.
- MORRELL, JOHN, Baxtergate, Whitby. B.
- MORRIS, GEORGE, Liverpool.—1814-24. Q.
- MORRIS, MARY, Bolton-le-Moors.—1814-24. Q.
- MORRIS, SOLOMAN, 24, St. John's Lane, Newcastle-upon-Tyne.
 White's Directory, 1847.
- MORTON (or MORETON), THOMAS, St. Helens.—1814-24. Q.
- MOSELEY, LEWIS, Liverpool. P.
- MOSLEY, JOSHUA, Penistone.—1757.
 Grandfather, dial with the figure of a woman and illustrations of flowers.

MOSS, G., Hesket-New-Market.—1829. A.

MOSS, GEORGE, English Street, Carlisle. M.

MOSS, JOHN, Rochdale.—1814-24. Q.

MOSS, WILLIAM S., Manchester.—1814-24. Q.

MOWBRAY, WILLIAM, Doncaster. P.

MOWBRAY, WM., High Street, Hartlepool.—1850. A.

1. Grandfather: mahogany, dial white, painted with a battle scene.

MUNCASTER, JOHN, Lancaster.—1814-24. Q.

MUNCASTER, JOHN, Ulverstone.—1814-24. Q. 1828. A.

MUNCASTER, JOHN, Stricklandgate, Kendal. M.

MUNCASTER, WILLIAM, 11, Hamilton Lane, Sunderland.

MUNCASTER, WILLIAM, Whitehaven.—1811. N.

MUNFORD, EDWARD, Market Place, Yarmouth.—1854. A.

MURRAY, WILLIAM, Rothbury.—1828-1903. D.

Notes on the Murray family of Clockmakers by Mr. J. Murray.

My great-grandfather served his time in Edinburgh and commenced business in Bellingham, he had four sons who were clockmakers and a daughter who married a clockmaker. The four sons were:—

John (Dumfries district). Had two sons, clockmakers in or near Dumfries.	William (Rothbury). William had 3 sons— Robert. No issue.	Andrew (Bellingham). No sons in business at Rothbury.	Robert (Richmond, Yorks). Had no sons in the business.
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The daughter of my great-grandfather, already referred to, married a clockmaker named Forster, and there were three sons in the business:—

T. Forster, now abroad.

A. Forster, now at Morpeth.

I. Forster, now at Heaton Road, Newcastle-on-Tyne, who has a son now in the business.

MUSGRAVE, JOHN, Keswick.—1847.

MUSRAVE, RICHARD, Wigton.—1797-1842. A, M. L.

MUSKET, JOHN, Prescot. P.

MYER, K., 71, Newgate Street, Newcastle.—1850. A.

MYERS, GEORGE, 102, Bondgate, Darlington.—1850, died 1886. A.

1. Grandfather, dial painted with figures.

NATHAN, JOHN, Liverpool.—1814-24. Q.

NATHAN, PHILIP, Liverpool.—1814-24. Q.

NAYLOR, CHARLES, Liverpool. P.

NEASHAM, JOSEPH, 145, High Street, Sunderland.—1844. C.

NELSON, JOHN, Newcastle. A.

NELSON, GERARD, Liverpool.—1814-24. Q.

NELSON, JOHN, Durham.—1683-1742. E.

NELSON, THOMAS, Liverpool.—1814-24. Q.

NELSON, WILLIAM, Liverpool. P, Q.

NESBITT, GEORGE, High Street, Sunderland. M.

1. Grandfather.

- NESS, P. & THOS., West Row, Kirby Moorside.—1840. A.
- NESS, WILLIAM, West End, Kirby Moorside, North Riding, Yorks.
B.
- NETHERCOTT, GEORGE, Wantage. A.
Grandfather, one hand.
- NEWBY, JAMES, Kendal. P.
- NEWBY, WILLIAM, Kendal.
1. A clock made by William Newby, Kendal, has been in the family of Udale, of Weasdale, Ravenstonedale, for some generations. The names of Joseph and Alice Udale are engraved on its dial. It has repeating action, shows the date, phases of the moon, minute and seconds hands, etc. (Note by Mr. Geo. Middleton, Ambleside.)
2. Grandfather, 30 hour.
- NEWLOVE, JOHN, Pavement, York. B.
- NEWLOVE, JOHN.
1. Grandfather, small size with Dutch case, and pagodas on dark paint. It does not strike.
- NEWLOVE, JOHN, Scarborough.
White's Directory, 1840.
- NEWSTEAD, CHRISTOPHER, York. P.
- NEWTON, JAMES, Newcastle.
Grandfather, black oak (or walnut), fluted columns at waist, pillars to hood. Dial, brass, silvered, seconds dial. In arch view of Tynemouth Priory with ship which rocks with beats of pendulum.
- NEWTON, JOSEPH, Liverpool.—1814-24. Q.
- NEWTON, THOS., Hexham.—Mid. 18th cent.
Grandfather, oak, veneered doer inlaid brass face, with phases of the moon and days of the month movement.
- NICHOL, JAMES, Canongate, Edinburgh.—*Circa* 1739.
1. Grandfather: mahogany, dial, brass.
2. Grandfather: oak, 8 day, dial, brass.
- NICHOLSON, JOHN, Durham. P.
- NICHOLSON, J. & W., Berwick.—1844.
Grandfather, mahogany, enamelled dial.
- NICHOLSON, RICHARD, Bridge Street, Berwick-on-Tweed. M, C.
- NICHOLSON, R., Berwick.
1. Grandfather, dial, white with floral paintings.
2. Grandfather, oak case, white face.
3. Grandfather, oak, with walnut inlay. Dial, enamel, painted with fruit within circle at the top, and flowers at corners. Pendulum enamelled and painted with Scotch thistles.
- NICHOLSON, ROBT., Ainthorp, Danby, Yorks.—1840. A.
- NICHOLSON, WILLIAM, Whitehaven.—*Circa* 1800.
Grandfather: brass dial.
- NORRIS, HENRY, Liverpool.—1814-24. Q.
- NORRIS, PATRICK, Liverpool. P.
- NORRIS, WILLIAM, Liverpool. P.
- NORT, RICHARD, Driffield. P.
- NORTHEN, RICHARD, Hull.—1840. P, B, A.
- NORTHGRAVES, DENTON, 32, Silver Street, Hull. B.
- NORTON, E., High Street, Sunderland.—1827. A.

N. T., Chesterfield:

Grandfather, oak case, fine head, engraved brass face, pierced steel pointers, shows days of the month; 30 hours—chains.

OCHELTREE, JAMES, East Street, Sunderland.—1827. A.

OGDEN, BERNARD, Darlington.

Grandfather: 30 hour, oak case, inlaid with mahogany. Dial silvered, brass filigree work at corners.

OGDEN, J., Bow Brigg, near Askrigg.—*Circa* 1700, died 1741, at Darlington.

1. Grandmother, oak, 5 ft. high, brass dial, dated 1715, 100 hours, strikes the hours.

2. Grandfather, brass dial, one hand. A.

3. Grandfather, oak, 9-inch brass dial, one pointer, 30 hour.

4. Grandfather, initials E. F. M. and date are carved on case (see description in introductory notes, p. —).

5. Grandfather, 30 hour, one weight, rope suspension, dial, brass, with one hand.

6. Grandfather, oak square cased clock, brass dial, with inscriptions at each corner as follows:—

“ Observe ye hands
Observe ye motions tip
Man's precious hours
Like hours away do slip.”

OGDEN, JNO., Alnwick.

Grandfather.

OGDEN, JOHN, Sunderland.—Died 1704. A.

1. Grandfather (in Mr. Arthur Teetham's collection).

OGDEN, ISAAC, Halifax.—1693-1700. A.

OGDEN, SAMUEL, Alnwick.

1. Grandfather, brass dial.

2. “ A good public clock was ordered in 1717 to be set up at Alnwick in place of the old one. Mr. Ogden was paid for the clock and bells. This clock was removed in 1771 to Pottergate Tower and was replaced by that which now (1868) tells the time.” Tate's *History of Alnwick*.

OGDEN, SAM., Benwell.

1. Grandfather, dated A.D. 1727.

2. Ten-inch square brass dial only showing moon. E.

3. Grandfather, brass dial. A.

OGLETHORPE, J., Kirby Thore, Westmorland.—1828-29. A.

OGLETHORPE, JOHN, Middleton-in-Teesdale.—1827. C.

OLDHAM, JOSEPH, Liverpool.—1814-24. Q.

OLIVANT & MORTON, Manchester.—1814-24. Q.

O'NEILL, THOMAS, 2, Silver Street, Durham.—1851. A.

White's Directory, 1847.

O'NEILL, THOMAS, Durham.—1830-40.

Grandfather: mahogany dial, with picture of Jeremiah being fed by the Ravens.

ORD, MATTHEW, Hexham.—1797. A.

1. Grandfather, date about 1847.

2. Grandfather, white faced. *Circa* 1840.

3. Grandfather, white face, 24 hour.

ORME, THOMAS, Oldham.—1814-24. Q.

ORRELL, JOHN, Preston.—1814-24. Q.

ORTON, JOHN, Manchester.—1814-24. Q.

- OSWALD, ROBERT, Market Place, Durham. M.
9, Claypath, Durham, White's Directory, 1847. Walker's
Directory of Durham, 1860.
- OSWALK, WM., Newbottle.—*Circa* 1795-1800.
Grandfather.
- OUTHWAITE & CO., THOMAS, Liverpool.—1814-24. Q.
- OWSTON, MICHAEL, High Street, Bridlington.—1840. A.
- OWSTON, MICHAEL, Newborough Street, Scarborough. B.
- OTLEY, JONATHAN, Keswick.—1829. N. Died 1856. A.
- PALLISER, JOHN (SENIOR), Finkle Street, Thirsk. B.
- PALLISER, ROBERT, Thirsk.
White's Directory, 1840.
- PANNELL, JOSHUA, Northallerton. P.
1. Grandfather.
2. Grandfather.
- PAPE, JOHN, Waggon Hill, Blyth.—1827. A.
White's Directory, 1847.
- PAPE, THOMAS, Rothbury.—1755-1843. D.
A sergeant in the Northumberland Militia towards the end of
the 18th century, and was in London during the Gordon Riots in
1780. A native of Hexham.
1. Grandfather, brass faced clock.
- PARK, JAMES, Preston.—1814-24. Q.
- PARKER, GEORGE, Ulverstone.—1814-25. Q.
- PARKER, JOHN, Little Wolsingham, Norfolk.—1854. A.
- PARKHOUSE, ROGER, Richmond, Yorks.—Died 1790. A.
- PARKINSON, EDWARD, Settle. P.
- PARKINSON, NATHANIEL, Finkle Street, Kendal. M.
- PARKINSON, ROGER, Richmond.
Grandfather, oak, brass face, one pointer. Name engraved in
old script *Rog^r Parkinson^r*.
- PARKINSON, THOMAS, Bury.—1814-24 Q.
- PARKINSON, WILLIAM, Lancaster. P.
- PARR, JOHN, Liverpool.—1814-24. Q.
- PARTIN, WILLIAM, Low Street, Sunderland.—1827. C.
- PARTON, WILLIAM, Mark Quay, Sunderland. M.
- PATERSON, DAVID, Sunderland, 1825-40. E.
Apprentice to Ogden, Benwell, *circa* 1760-70.
1. Grandfather, dated on a lead tally hanging inside case,
MDCCCLXXVIII, 8 ft. 2 ins. high; dark mahogany, carved at top,
original hinges, locks and keys. Dial: brass with hemispheres and
moon dial, and also tide dial for Sunderland.
2. Grandfather (in Mr. Arthur Feetham's collection).
3. Grandfather, oak, covered with Japanese lacquer work, the
decorative work of the doors is in three scenes, the upper and
lower are Japanese scenes, the middle one shows a cobbler at work,
and a revenue officer in a threatening attitude. Brass dial with
embossed corners.
- PATTEN (or PATTON), ROBERT, Liverpool.—1814-24. Q.
- PATTINSON, JOHN, Burnley.—1814-24. Q.
- PATTINSON, THOS., Beckfoot, Winton, Cumberland.—1828. A.
1829. R.
1. Grandfather, polished oak, inlaid with dark mahogany,

painted dial, bird in semi-circle, and flowers in four corners, monthly calender wheel behind dial, dates shown through slot in dial, 30 hour, strikes hours on brass bell and has locking plate mechanism for striking movement. Hughen's endless chain winding.

2. Grandfather, brass dial, 30 hour.

PATTISON, Halifax.

Grandfather, oak, with shell inlaid in door, painted dial, 13½ ins. square, the dial is painted with birds, etc., it shows the moon's changes by means of revolving (painted) discs, about 8 ins. diameter at the back of dial.

PATRICK, THOMAS, Market Weighton. P.

PAYNE, ROBT., 2, Trippett, Hull.—1840. A.

PEACOCK, York.—1814. A.

PEACOCK, Kimbolton. A.

Grandfather.

PEACOCK, JOHN, Kirkby Stephen. M.

PEACOCK, JOHN, Newcastle.—1800. A.

PEACOCK, JOHN, Little Dockray, Penrith. M.

PEACOCK, WILLIAM, York. P, B.

PEARCE, THOS., Chard, Somersetshire. A.

Grandfather.

PEARSON, ANANIAH, Bedale.

White's Directory, 1840.

PEARSON, HENRY, Bedale, Yorks. B.

PEARSON, JOHN, 20, Church Street, Whitehaven. M.

PEARSON, THOMAS, Berwick-on-Tweed. P, M.

1. Grandfather, light oak, face, white enamel, and brass hands, painted flowers in bunches, and a peacock above.

2. Grandfather, dial: Roman letters, glass panels at each side.

PEARSON, THOMAS, Near the Vine, Flesh Market, Newcastle-upon-Tyne.—1778. C.

PEARSON, THOS., 29, Groat Market, Newcastle.—1782-1827. A.

PEARSON, W., Berwick.

Grandfather (re-cased).

PEARSON, WILLIAM, Blackburn, Lancs. P, Q.

PEARSON, Halifax.—1814. A.

PEAT, J., Darlington.

Grandfather: 8 ft. high, dial, white: brass embossed border.

PEEL, JOSEPH, Market Place, Wigton.—1850. A.

PENLINGTON, JOHN, Liverpool.—1814-24. Q.

PENLINGTON, THOMAS, Sheffield. P

PENNINGTON, CHRISTOPHER, Market Place, Kendal. P, M, N.

PENNINGTON, C., Kendal.

Grandfather, date about 1790.

PENNINGTON, JOSEPH, Liverpool.—1814-24. Q.

PERFITT, E. J., Wymondham, Norfolk.—1854. A.

PERKINS, CHARLES, Alborough, Norfolk.—1854. A.

PERRY, BENJ. WM., 22, Ramsgate Street, Stockton.

White's Directory, 1847.

PETERS, Hawthornthwaite.

Grandfather: inlaid mahogany case, square brass dial.

PETERS, EDWARD, Sheffield. P.

- PETTY, York.—1814. A.
- PHILIPS, 2, Bodlewell Lane, Sunderland.—1828. A.
- PHILIPSON, HENRY (JUNR.), Ulverstone. M, Q.
- PHILLIPPS, JAS., Docking, Norfolk.—1854. A.
- PHILLIPS, JOS., Brampton.—1850. Died about 1870. A.
- PHILLIPS, SAMUEL, M., Chapelfield Street, Norwich.—1854. A.
- PHILLIPSON, A., Winster.—1682. R.
- PHILLIPSON, JOSEPH, Brampton.—1867. R.
- PICKFORD, JOHN, Liverpool.—1814-24. Q.
- PIERREPOINT, JOHN, Liverpool.—1814-24. Q.
- PIERSON, THOS., Stokesley, Cleveland.—Died 1791. A.
- PIERSON, WILLIAM, Kirkby Moorside. P.
- PIGGIN, JOHN, Post Office Street, Norwich.—1854. A.
- PILCH, ROBT., North Walsham, Norfolk.—1854. A.
- PILKINGTON, JOHN, Park Street, Chester-le-Street.
White's Directory, 1847.
- PILLING, JOHN, Boothfold. A.
Grandfather.
- PINDER, ROBT., Market Place, Great Driffield.—1840. A.
- PINNINGTON, THOMAS, Liverpool.—1814-24. Q.
- PLACE, JAMES, Preston.—1824-24. Q.
- PLACE, THOMAS, Bedale.
White's Directory, 1840.
1. Grandfather.
- PLOWMAN, THOMAS, Lancaster.—1814. Q.
- PODMORE, THOS., Tower Street, King's Lynn.—1854. A.
- PONSON, THOS., Kendal.—1746. R.
- POPPLEWELL, JOHN, Bridlington. P.
- PORHOUSE, GEORGE (? SENIOR), Penrith.—Died 1780. A.
- PORHOUSE, GEORGE (? JUNIOR), Penrith.—1743-1817. A, L, R, P.
- PORHOUSE, JOHN, Penrith.—1728-87. A, N, R.
1. Grandfather, oak, brass dial with calendar, hands have an interwoven cypher supposed to represent the date 1683.
2. Grandfather, 24 hour, strike, brass dial.
3. Grandfather: oak case, brass dial, month calendar.
4. Grandfather: chain wind, one weight for time and striking.
5. Grandfather, oak, brass dial, monthly calendar.
6. Grandfather: 30 hour, endless chain wind, brass dial with polished hour circle, monthly dial.
- PORHOUSE, WILLIAM, Penrith.—1706-90. A, N, R.
1. Grandfather, oak, 7 ft. high, brass dial, in each corner is some ornamental filigree work. In the middle of the face are the names of Christoph^r and Thom^s Hodgson, and the date 1751.
2. Grandfather, ornamental brass dial, 30 hour, dated 1762.
2. Grandfather: dark mahogany, fluted pillars at sides, and each corner of the head of case. Dial china (?) with coloured flowers on it.
3. Grandfather, oak, polished brass face, carved brass corners, winding chain, one weight, 24 hours, in half circle below centre *Chris. and Margaret Robinson*.
4. Grandfather.

5. Grandfather, oak, carved, 30 hour, brass dial, square, with brass cornerpieces: also with plate engraved *Isaac and Elizabeth Tarte* (probably first owners).

6. Grandfather.

PORTHOUSE, WILLIAM (? JUNIOR), Docray, Penrith. M.

PORTHOUSE, Penrith.

1. Grandfather, oak, brass dial, dated 1760.

2. Grandfather.

3. Grandfather.

4. Grandfather, on face *Wm. & Isabella Stockdale*.

5. Grandfather.

PORTHOUSE, Hall Garth, Darlington.—Died 1800. F.

PORTHOUSE, WILLIAM, Barnard Castle.—Died 1815. P.

1. Grandfather, *circa* 1780, oak, length of door with curved top 3 ft. 1 in. Movement: 30 hour; silver brass dial 11 ins. diameter with separate ring for hour and minute circles, arched top to dial in the centre of which is a domed plate with the maker's name and address inscribed on it. The spandrels on either side are ornamented with a dolphin. Monthly calendar below pointers. The weight is lowered and raised by means of an ordinary hempen cord.

2. Grandfather, mahogany, brass dial, can be set to either strike or be silent, is also a repeater and an alarm.

3. Grandfather, oak, with mahogany frets on chamfers down sides and across hood, in Chippendale style, about 1780. 30 hour. E.

PORTEUS, ROBERT, Manchester.—1814-24. Q.

POTCHIT, THOS. (? POTCHETT), Hedon, Yorks. B.

POTTS, E., Nun Street, Newcastle.—1850. A.

POTTS, JAMES, Berwick.

Grandfather, oak case, white face.

POTTS, GEORGE, Newbiggin-by-the-Sea.

Headstone in Newbiggin Churchyard has a clock dial upon it with hands pointing to 10.30—the time he died. (Note by Mr. W. Murray).

POTTS, H., Moon Street, Sunderland.—1850. A.

POTTS, JOHN, Partington. P.

POTTS, JOHN, Redcar. B.

POTTS, JOSHUA, Spurriergate, York. A, B.

A maker of musical clocks.

POTTS, WILLIAM, Newcastle.

Grandfather, moon dial.

POWLEY, JOHN, Appleby.—1775.

Square brass dial. *Matthew & Mary Burra* on it.

POWLEY, ROBERT, Appleby. P.

POWLEY, Appleby.—Died 1768.

1. Grandfather, brass dial, 30 hour, 1 hand.

2. Grandfather, black oak, 24 hour, chain and 1 weight, round brass dial, moon and monthly calendars.

3. Grandfather.

POWLEY, Asby.

1. Grandfather, brass dial, 30 hour.

P., I. (I. P.), Ashby, Cumberland. R.

Grandfather. This clock is at Grange-over-Sands, another clock bearing same initials and name of village is at Kirkby Stephen. "I. P. Ashby" on dial.

Grandfather, brass dial, 30 hour.

- POWLEY, ROBERT, Battlebarrow.—1753. R.
 POWLEY, THOS., Battlebarrow.—1753. R.
 PRATT, CHARLES, Leyburn.
 White's Directory, 1840.
 PRATT, JAMES, Askrigg, Wensleydale.—Died 1850. B, A.
 PRATT, HENRY, Stoke Ferry, Norfolk.—1854. A.
 PRATT, MATTHEW, Swaffham, Norfolk.—1854. A.
 PRATT, WILLIAM, Askrigg.—Died 1857. A, B.
 PRATT, WILLIAM, Masham.
 White's Directory, 1840.
 PRESTON, WM., Kendal.
 Grandfather, 8 day, 7 ft. 6 ins. high, mahogany, fiddle cased,
 white dial, calendar in lower half of face.
 PRESTON, WILLIAM, Lancaster.—1814-24. Q.
 PRIDGEON, W. R., 4, Market Place, Kings Lynn.—1854. A.
 PRIDGRIN, WILLIAM, York. P.
 PRIDGRIN, Hull.
 Grandfather, oak case with narrow body, brass dial, silvered
 figure circle and calendar dial.
 PRIER, A., Chester.—1814. A.
 PRIEST, GEORGE, Briggs Street, Norwich.—1854. A.
 PRING, THOS., 54, High Street, King's Lynn.—1854. A.
 PYLE, A., Church Street, North Shields.—1844. C.
 White's Directory, 1847-50. A. Orton Court, Tynemouth,
 1850. A.
 PRINGLE, THOMAS, High Street, Sunderland.—1827. Nesham
 Square, Sunderland.—1847. C.
 PRINGLE, WILLIAM, Low Street, Sunderland.—1844. C.
 White's Directory, 1847. 16, East Street, 1850. A.
 PRIOR, G., Bradford.—1814. A.
 PROBERT, JAMES, Wigan.—1814-24. Q.
 PUNCHARD, A., Berwick-on-Tweed.—1716.
 Grandfather, mahogany, 6 ft. 6 ins. high. Enamelled dial.
 RADFORD, THOS., Leeds.
 1. Grandfather, oak case, inlaid with mahogany, silvered dial,
 11½ ins. diameter, four corners are brass with fancy scrolls. Day
 of the month and phases of the moon dials.
 2. Grandfather, 30 hour.
 3. Grandfather, oak case, inlaid, brass dial.
 4. Grandfather, brass dial.
 RAINE, HENRY, Durham.
 Grandfather, brass dial, 8 day.
 The clock in Durham Cathedral was made by him.
 RAINE, JOSEPH, Silver Street, Durham. M.
 1. Grandfather.
 RAMSBOTTOM, Hall Green, near Wakefield, West Riding.
 1. Grandfather, plain wood case, brass face, silvered circle, and
 filigree brass at each corner.
 2. Grandfather, 8 day, oak case, height 6 ft. 6 ins., plain gilt
 finials. Square faced, brass circular dial on square plate, spandrels
 filled with brass work.
 3. Grandfather, oak, brass dial, the figures 5 to 10 over each
 hour, second dial underneath figure XII, day of month in half

circle over figure VI, brass scroll at each corner of dial. Engraving denoting half hours between each figure, strikes the hour only.

1. Grandfather 8 day, dark oak, brass dial, hour, second, and minute circles.

RANDALL, J., Withers Street, Holt, Norfolk. A.

RANKIN, Alnwick.

Grandfather.

RANKIN, J., Alnwick.

Grandfather.

RANKIN, T., Alnwick.

1. Grandfather, mahogany, enamelled dial.

2. Grandfather, 8 day.

RANSOME, HY., Bridge Street, Norwich.—1854.

RAPER, SYDNEY, Thirsk.

White's Directory, 1840.

RAPER, THOMAS, Bedale. B.

White's Directory, 1840.

RAPER, THOMAS, Bridgegate, Barnard Castle.

White's Directory, 1847.

RAW, WILLIAM, Whitby. B.

White's Directory, 1840.

RAWSON, JOHN, Sandhill, Newcastle.—1790. A.

RAWSON, JOHN, Newgate, Morpeth. A, M.

RAWSON, JN. (JUNR.), Penrith. P.

RAWSON, JOHN, Market Place, Penrith. M.

RAWSON, WM., Flesh Market, Newcastle.—1790. A.

READ, THOMAS, Manchester. P.

READER, NATH. & WM., Hull.

Grandfather, oak, painted black, outside covered with raised figures either gilt or bronzed representing birds and figures. Brass dial, the figures all engraved and enamelled in black.

REDFORD, THOS., Leeds. A.

REDSHAW, Newcastle. A.

REED, JOHN, Ryton. E.

Thirteen ins. round brass dial, shortfall.

REED, JONATHAN, Brampton.—1917. L.

1. Grandfather, mahogany case.

REED, RICHARD, Chelmsford. A.

Grandfather, brass dial.

REEVE, ROBERT, York.—1660. C.

REID, C. K. & SONS, 12, Dean Street, Newcastle.—1827. A.

REID & SONS, 41, Grey Street, Newcastle-upon-Tyne.

White's Directory, 1847.

1. Grandfather, mahogany case, 8 day, enamelled dial.

RENNIE, ALDSTON.

Grandfather, oak, brass dial.

RENNIE, JAMES, Scotch Street, Carlisle. A, M, N.

RENOLDS, Kirkbride.

Square brass dial, with moon movement same as date of month.

RENNISON, G. H., 12, Bridge Street, Sunderland.—1850. A.

RENNISON, WM., St. Ann's Street, Newcastle. A.

White's Directory, 1847.

RENNISON, WM., Stephenson Street, North Shields.—1827. A.

- RENNISON, W. & SON, Tyne Street, North Shields.—1850. A.
White's Directory, 1847.
- REVIL, Tickhill.
Grandfather, mahogany and oak, painted dial, 30 hour.
- REYNOLDS, W., Kirkbridge.—1720.
Grandfather, black oak case.
- RIPPON, WILLIAM, 66, West Holborn, South Shields.
White's Directory, 1847.
- R., H. (H. R. initials only on dial).
Grandfather, square brass dial, one hand, raised brass ring, diamond symbol engraved between each hour, calendar dial above figure 6.
- R., W. (W. R. initials only).
Carved on hood above dial are initials and date W. R. 1697.
Grandfather, oak case 6 ft. high, and 9 ins. wide: turned pillars on hood, square brass dial, one hand only.
- RICHARDSON, ANN., Easingwold, North Riding, Yorks. B.
- RICHARDSON, JAMES, Helmsley. P.
- RICHARDSON, JNO., Malton.
Grandfather: oak case.
- RICHARDSON, JOHN, Market Place, Howdon, Yorks. A, B.
- RICHARDSON, JOHN, South Terrace, Seaham Harbour.—1850. A.
- RICHARDSON, RICHARD, Liverpool. P.
- RICHARDSON, THOMAS, Front Street, Brampton. M.
Cross Street, 1828. A.
- RICHARDSON, WM., Front Street, Brampton. M, R.
- RICHARDSON, Brampton. P.
- RICHARDSON, Brampton. A.
1. Grandfather, 8 day.
- RICHARDSON, WILLIAM, Easingwold.
White's Directory, 1840.
- RICHARDSON, Hexham. D.
Brass face, phases of the moon and stars, case ornamented with Chinese paintings.
- RICHMOND, JOSEPH, Fossgate, York. A, B.
- RICHMOND, J., Newcastle-upon-Tyne.
Grandfather, mahogany case, white dial with Dutch houses on each corner, calendar dial.
- RICHMOND, JAMES, Bradforth (Bradford). P.
- RICHMOND, JOSEPH, Fossgate, Yorks. B.
- RIGBY, JAMES, Liverpool.—1814-24. Q.
- RIGG, THOS., Gisborough. A.
Grandfather.
- RILEY, G., Halifax.—1814. A.
- RIPPON, WILLIAM, West Holborn, South Shields. A, C.
- RISHTON, JAMES, Rochdale.—1814-24. Q.
- ROBERT, JAMES, Bridge Street, Downham Market, Norfolk.—1854. A.
- ROBERTS, JOHN, Market Street, Burnley.—1814-24. Q.
- ROBERTS, Otley.—1677.
1. Grandfather, oak, brass face, with ornamental brass plates at each corner, the maker's name and date engraved.

2. Grandfather, oak, inlaid door, brass face, swan on lake engraved, and 3 small birds hovering over swans, small dial gives date of month, dated 1777.
3. Grandfather, dial showing the quarters of the moon, also seconds hand, dated 1780.
- ROBERTS, TIMOTHY, Otley. P.
- ROBINSON, P., Bishop Auckland.
Grandfather, mahogany, door panelled with white wood, arched top, turned pillars at either side of dial and door.
- ROBINSON, THOS., Carlisle.—1829. L.
- ROBINSON, Lancaster. P.
- ROBINSON & DALGLEISH, North Shields.
Grandfather, oak, brass dial and silvered circle.
- ROBINSON, B. CARTER, North Street, Middlesbrough.—1850. A.
- ROBINSON, BENJAMIN, Manchester.—1814-24. Q.
- ROBINSON, DUNCAN, Hillgate, Gateshead.—1833. A.
- ROBINSON, JAMES, Warrington.—1814-24. Q.
- ROBINSON, RICHARD, Crosley Garret, Cumberland.—1828. A.
- ROBINSON, THOS., English Street, Carlisle.—1828. A, N.
- ROBINSON, THOS., Highgate, Kendal.—1828. A, N.
- ROBINSON, THOMAS, Westgate, Newcastle-upon-Tyne.
White's Directory, 1847.
- ROBINSON, THOMAS B., Liverpool.—1814-24. Q.
- ROBINSON, WM., Bondgate, Darlington.—1827. A.
- ROBINSON, WILLIAM, Bakehouse Hill, Darlington.—1828. F.
- ROBINSON, WILLIAM, Leyburn. B.
White's Directory, 1840.
- ROBINSON, WILLIAM, Leyburn.
1. Grandfather, 8 day, white enamelled face, block letters, a picture of sailing ships in top arch, and floral designs in the four corners.
- ROBINSON, WILLIAM, Liverpool.—1814-24. Q.
- ROBSON, E., Chester-le-Street.—1827. A.
- ROBSON, E., Newcastle.
- ROBSON, JAS., Silver Street, Newcastle-upon-Tyne.
Newcastle Directory, 1824.
1. Grandfather, white dial.
- ROBSON, JOSEPH, Houghton-le-Spring.—1827. C.
- ROBSON, JOSEPH, Coundon.—1827. A.
- ROBSON, JOSEPH, Bondgate, Bishop Auckland.—1827. A.
- ROBSON, JOSEPH, Fenkel Street, Newcastle.—1833. A.
- ROBSON, JOSEPH, Shildon.—1825-76.
Made grandfather clocks and clocks for the old Stockton and Darlington Railway and later for the N.E.R.
- ROBSON, M., Belford.
White faced dial.
- ROBSON, MICHL., Chester-le-Street.
1. Grandfather, oak, 36 hour, striking, chain wind, monthly calendar. Dial, white, with anchor corner pieces, in arch a ship.
2. Grandfather, oak, 1 day, white dial, with a ruin in each corner.
3. Grandfather, inlaid walnut, dial, picture of an old castle in arch.

4. Grandfather, 8 day. Dial, painted with figures of Roman Gladiators, and large size semi-nude figure in centre.
5. Grandfather, oak.
- ROBSON, ELIZABETH, Chester-le-Street.—1827. C.
- ROBSON, Sunderland.
Grandfather, mahogany inlaid, dial has in each corner Steven-son's cottage at South Moor, above the dial is painted the "Lady of the Lake."
- ROBSON, S., South Shields.
1. Grandfather, oak, brass dial.
- ROBSON, SAMUEL, North Shields. D.
1. Grandfather, brass faced.
2. Grandfather, rosewood with inlay. Dial: white enamel with some coloured designs in corners, together with dial at top showing phases of the moon.
3. Grandfather, oak, brass dial: 30 hour.
4. Grandfather, mahogany inlaid.
5. Grandfather, 8 day.
6. Two grandfathers: oak, carved pillars, brass dials.
7. Grandfather.
8. Grandfather.
9. Grandfather, spanish mahogany, 8 ft. high, dial, date of month, and phases of the moon.
- ROBSON, WM., Low Street, North Shields. M.
- ROBSON, WM., Clive Street, North Shields.—1827. A.
- ROBSON, W., North Shields. F.
1. Grandfather, mahogany, inlaid with light colours, 7 ft. high, monthly dial. Dial: white with sea scape and female figure in foreground.
2. Grandfather, oak, white dial, has centre pointer showing date on outer circle, also at top of dial are two hemispheres, and behind them is a moving face, to show changes of moon.
3. Grandfather.
- ROBSON, WM., EDWARD, 8, Cloth Market, Newcastle-upon-Tyne.—1850. A.
White's Directory, 1847.
Grandfather, mahogany veneer, with a remarkable painted dial symbolical of spring, summer, autumn, and winter, and a shield in arch of dial which is decorated with symbols of the arts and industries, with the motto below "Peace and Plenty—the reward of Temperance."
- RODDAM, GEO. & ANN.—Dated 1778.
On a grandfather clock probably the names of the owners and not makers.
- RODGERS, Chesterfield. A.
Grandfather, 8 day.
- ROLLINSON, DOLLIS, Halton.—1760. C.
Grandfather, oak, dial silvered, with brass filigree work. The whole exterior of case is covered with a gold transfer and pictures.
- ROLLISSON, Sheffield.
1. Grandfather, brass dial.
2. Grandfather, oak case, white dial, 30 hours. Chains.
- ROPER, MARTIN, Little Dockray, Penrith. M.
- ROPER, WILLIAM, Penrith.
Grandfather.
- ROSCOW, ROBERT, Liverpool.—1814-24. Q.

- ROSE, HENRY, Wigan.—1814-24. Q.
- ROSE, THOMAS, Wigan.—1814-24. Q.
- ROSE, THOMAS, JUNR., Wigan.—1814-24. Q.
- ROSKELL, JOHN & ROBERT, Liverpool.—1814-24. Q.
- ROSS, JOHN, 5, Waterworks Street, Hull.—1840. A.
- ROSS, THOMAS, Hull. P.
- ROTHWELL, JOHN, Ormskirk.—1814-24. Q.
- ROUTLEDGE, ADAM, 35, English Street, Carlisle.—1828. A.
1829-47. N.
- ROWELL, Newcastle. E.
- ROWLAND, HENRY, Liverpool.—1814-24. Q.
- ROWLAND, JOHN, Manchester. P.
- ROWLAND, JOHN, High Street, Berwick-on-Tweed.—1820-38. A, M.
1. Grandfather, white face, re-cased.
- ROWLAND, W., Berwick.
Grandfather.
- ROWLANDS, Berwick.
Grandfather; oak, re-cased in 1857 in veneered mahogany.
- ROWNTREE, ROBERT, Coppergate, York. B.
- ROUTLEDGE, ADAM, English Street, Carlisle. M.
- RUBOTTOM, WILLIAM, Liverpool. P.
- RUDLING, WM., Wymondham, Norfolk.—1854. A.
- RULE, JAMES, York. P.
- RUMFORS, JOHN, Bishop Auckland. P.
- RUSSELL, BENJ., 128, Magdalen Street, Norwich.—1854. A.
- RUSSELL, BENJAMIN, Market Place, Thirsk. B.
- RUSSELL, ED., Foulsham, Norfolk.—1854. A.
- RUSSELL, JAMES, Buxton, Norfolk.—1854. A.
- RUSSELL, JOHN, Cawston, Norfolk.—1854. A.
- RUSSELL, THOMAS, Lancaster.—1814-24. Q.
- RUST, WILLIAM, Hull. P.
- RUST & SHIPHAM, 21, Market Place, Hull. B.
- RUTHERFORD, Hawick, N.B.
Grandfather.
- RUTHERFORD, Jedburgh. D.
1. Grandfather, white faced.
2. Grandfather, oak, with arched top, brass knob on each side and eagle in centre. Enamelled dial, with pictures of farm houses, castles, etc., in the four corners.
- RYLAND, JOHN, Ormskirk.—1814-24. Q.
- SAGAR, E., Middleham.—1621.
Grandfather, oak case, carved, with two men in armour, brass face and month dial. Date 1621 carved on case.
- SAGAR, ROBERT, Blackburn.—1818. Q.
- SAGAR, ROBERT HOLGATE, Blackburn.—1824. Q.
- SAGAR, Kirkby Stephen.
Grandfather, brass dial, 30 hour.
- SAGER, EDMUND, Middleham, Yorks.—1750. A.
- SAMUEL & CO., F., Liverpool.—1814-24. Q.

- SAMUEL, A., Sunderland.
Grandfather, brass dial, 8 day.
- SAMUEL, LEWIS, Liverpool.—1814-24. Q.
- SAMUEL & Co., Louis, Liverpool.—1814-24. Q.
- SAMUEL, MOSES, Liverpool.—1814-24. Q.
- SAMUEL, SOLOMON, Liverpool.—1814-24. Q.
- SANDERS, HENRY, Gateshead.
1. Grandfather, oak, 8 day, with calendar, brass dial.
2. Grandfather.
- SANDERS, NATHANIEL, Manchester. P.
- SANDERSON, HENRY, Gateshead. A.
Grandfather, brass dial.
- SANDERSON, JOHN, Wigton.—1680-1745. C.
1. Grandfather: brass dial engraved in old English letters:
"Remember Man that Dye thou must
And after that the Judgment Just."
Another clock by this maker is in the Antiquarian Museum,
Edinburgh, and another in St. Louis, U.S.A.
2. The case mainly of oak, with mahogany enrichment (See
Plate XXXV.)
3. Grandfather, oak case, brass dial (Job. Pearson, 1714), and
engraved:
"Remember man that die thou must,
And after that the Judgement just."
4. Grandfather, oak, brass dial, engraved in old type, only one
pointer.
5. Brass dial clock.
6. Grandfather, brass face.
- SAVAGE, Appleby. P.
- SAVAGE, Clifton. A.
1. Grandfather, one hand, month dial.
2. Grandfather, brass faced, dated 1772.
3. Grandfather.
- SAVAGE, G., Huddersfield.—1814. A.
- SAVAGE, JOHN, Penrith.—1780. A.
- SAWYER, JOHN, Leeds. P.
- SCALES, WM., Stramongate, Kendal. M.
- SCALES, WM., Atkinson's Yard, Highgate, Kendal. A, N.
- SCOFIELD, MAJOR, Salford.—1707-83.
- SCHOLFIELD, MAJOR, Salford.—1707-83.
Grandfather, mahogany, dial, whitish metal, brass fancy hands,
smaller dials showing seconds and day of month, also phases of
the moon dial.
- SCHOFIELD, ROBERT, Manchester.
Grandfather, oak, brass dial, size 10 ins. square, divided into
hours and quarter hours, hour hand only, nominally 30 hour, but
actually only about 24 hour. In lower part of dial, about midway
between centre and 6 o'clock, is a recess which shows the day of
the month; no date.
- SCHOLFIELD, ED., Rochdale.—1760. A.
- SCHOLFIELD, MAJOR, Rochdale. A.
Grandfather, dated 1730, lacquer case, brass dial.
- SCHOLFIELD, MAJOR, Manchester. P.
- SCOTT, JAMES, Strickland Gate, Kendal. A, N.

- SCOTT, JOHN, Sandgate, Newcastle.—1778-90. A.
 1. Grandfather, oak, 8 day, dated 1790.
 2. Grandfather, brass face.
 3. Grandfather, Chippendale case.
 4. Grandfather, oak, flat top with oak pillars at the sides, brass face, 30 hour.
- SCOTT, WILLIAM, Newcastle.
 • Grandfather, oak, brass dial.
- SCURR, RICHARD, Thirsk. P.
- SCURR, RICHARD WILL., Thirsk. B.
 White's Directory, 1840.
- SCURR, Thirsk.
 Grandfather.
- SCURRS, JONAH, Thirsk. P.
- SEAGER, JOHN, Liverpool.—1814-24. Q.
- SEALEY, WM., Egremont, Cumberland.—1828-29. A.
- SEAMOUR, ABELL, York.—1713. C.
- SEFTON, E., Tadcaster.—1775. R.
- SELBY, J., Rochdale.—1814. A.
- SELBY, THOMAS, Knaresborough. P.
- SESSFORD, JOSEPH, Groat Market, Newcastle-on-Tyne. A, M.
 Newcastle Directory, 1824.
 1. Wall clock, 2 ft. 10 ins. in height, mahogany, dated 1812.
 2. Grandfather, inlaid mahogany, white dial, Arabic numerals.
 3. Grandfather, inlaid rosewood case of plain design. Dial: white, Roman numerals, painted with landscape, two children and lamb, corner pieces representing Europe, Asia, Africa, and America.
 4. Grandfather.
 5. Grandfather, walnut inlaid, painted dial.
- SEWELL, C., Bradford.—1814. A.
- SEWELL, THOMAS, 106, Side, Newcastle-upon-Tyne.
 White's Directory, 1847.
- SEXTON, WM., Market Place, Withers Street, Holt, Norfolk.—1854. A.
- SEYMOUR, Wantage.—1754. A.
 Grandfather, square brass dial, one hand.
- SHAFTOE, JNO., Newcastle.—*Circa* 1790-1810. E.
 1. Grandfather, mahogany.
 2. Grandfather, inlaid mahogany, white dial, Roman chapters, month calendar, painted with scenes at corners and in arch.
- SHAFTOE, T., Newcastle.
 Grandfather, Sheraton style.
- SHAFTOE, Newcastle. E.
 Brass lantern clock in library of the Society of Antiquaries at the Black Gate, Newcastle-upon-Tyne.
- SHAKESHAF, JOSEPH, Preston.—1814-24. Q.
- SHAKESHAF, LAWRENCE, Preston.—1814-24. Q.
- SHAKESHAF, WILLIAM, Preston.—1814-24. Q.
- SHARP, JOHN, St. Ann's Court, Newcastle.—1838. C.
- SHARPE, T., Stamfordham.
 Grandfather, 8 day, white dial, painted with characters from the Scriptures.
- SHARPLES, JAMES, Liverpool.—1814-24. Q.



SHAW, THOMAS, Lancaster. P.
 SHEPHARD, JOHN, Whitehaven. P.
 SHEPHERD, THOMAS, Liverpool. P.
 SHEPLEY, EDWARD, Manchester. P
 SHEPPARD, HENRY, Wigton.

Inscribed on dial is:—
 Remember Man,
 That Dye Thou Must,
 And After That,
 To Judgement Just.

SHEPPARD, WM., Millom, Cumberland.—*Circa* 1756.

1. Grandfather.
2. Grandfather.

SHERBURNE, THOS., Newcastle.—1667. A.

SHERTON, JOHN, Mill (? Upper Mill, Yorks. W.). A.
 Grandfather.

SHERWIN, ANN, Sadler Street, Durham.—1827. A.

SHERWOOD, JAMES, Yarm.—1827. C.

SHERWOOD, THOMAS, Yarm. P.
 White's Directory, 1840.

1. Grandfather.

SHILDRAKE, WM., 34, London Street, Norwich.—1854. A.

SHIPLEY, JOHN, Hyde, Cheshire.—1705. A.

SHIPMAN, JOHN, King Street, Newcastle.—1778. A.

SHIPMAN, JOHN, 21, Market Place, Hull.—1840. A.

SHORROCK, THURSTON, Preston. P.

SHORTLAND, THOS., Stony Stratford.—1778. A.

Grandfather, brass dial, with one hand.

SHWERER, JOSEPH, 2, Manor Square and 10, Lowgate, Hull. B.

SHWERER, MATTHEW, 84, Mytongate, Hull. B, P.

SILENCE, GEORGE, White Hart Street, Aylsham, Norfolk.—1854. A.

SILL, JOSEPH, Wigtown.

Grandfather, black oak, 24 hour, day of the month dial.

SILL, WILL., Wigton.—1680-1736. C, N.

SILLITO, Uttoxeter.

Grandfather, oak, brass and silver face.

SIMCOCK, THOMAS, Warrington.—1814-24. Q.

SIMMS, Hartlepool.—1814.

Grandfather, oak, white face, hand painted grotesque figure,
 two small hands for seconds and one for day of the month.

SIMPKIN, Killington (Westmorland).

Grandfather, oak, inlaid with rosewood, white painted dial,
 bunch of roses at top, and one rose in each corner.

SIMPSON, Congleton.—1814. A.

SIMPSON, ANTHONY, Cocker mouth.—1811. N.

SIMPSON, D., Alnwick.

Grandfather, oak, enamelled dial.

SIMPSON, DANIEL, Finkle Street, Workington. A, M, N.

SIMPSON, ISAAC, Chorley.—1814-24. Q.

SIMPSON, JOHN, Bedale.

White's Directory, 1840.

SIMPSON, JOHN, King Street, Newcastle.—1778. A.

SIMPSON, JOHN, Wigton.—1680-1787. L.

1. Grandfather, dated 1770, dark English walnut, plays chimes every three hours—these are "Nancy Dawson," "Ye Lass of Pt'y's Mill," and "Bl. March"; an indicator is provided for the tunes. Dial is gilt and ornamented. Clock is inscribed "John and Jane Furnas: 1770."

2. Grandfather, mahogany inlaid, the dial door and the broad band below the head are veneered, the latter with the light wood of the inlay, enamelled dial. In the corners are bunches of red roses, enclosed in a border of gilded work.

The hemispheres covering the moons show the equinoctial line, ecliptic and tropics, with some quaint topography. On North America there appear Canary Islands (for Canada) States, Mexico or North Spain, Cuba: on South America all northern region is Amazonia, Africa shows Barbary, Hottentotland, Guinea and Ethiopia across the centre. Asia shows China, Tartary, India, Philipines and Java, Australia is New Holland and Tasmania (unnamed) extends as an unbroken land mass to the south opposite South Island of New Zealand is the name Cook's Strait. The Sandwich Islands are marked.

The clock has a repeating action on right of dial, and when it is pulled the last hour is struck.

3. Grandfather, oak case, square brass dial and chapter circle, the frets at corners are a pattern of flowers, vases and leaves.

4. Grandfather, oak with arched door and scroll top. Dial of square brass and brass chapter circle cherub head frets at corners: date calendar slot below centre of dial.

SIMPSON, JOHN, Garstang.—1814-24. Q.

SIMPSON, JOHN, Allonby Road, Wigton. A, M.

SIMPSON, JOHNOTHAN, Preston.—1814-24. Q.

SIMPSON, MARY, Cockermouth. M.

SIMPSON, ROBERT, Poulton-in-the-Fylde.—1814-24. Q.

SIMPSON, STEPHEN, Preston.—1814-24. Q.

SIMPSON, WM., Broad Row, Yarmouth.—1854. A.

SIMS, GEORGE, Prescot. P.

SKELTON, COULTAS, Malton.

Yorkshire Directory, 1823. White's Directory, 1840.

SKELTON, ROBERT, Malton.

Grandfather, polished oak case, brass dial with crescent (a date recorder not now working).

SKINNER, W., Sheffield.

Grandfather, oak, plain mahogany front, white enamel face with pictures at top and at each four corners, goes 1 day only.

SKIRROW, JAMES, Wigan. P, Q.

SLEIGH, WILLIAM, High Street, Stockton.—1827. C.

SMALLPAGE, JOHN, Malton.

White's Directory, 1840.

SMART, G., SENR., 16, Groat Market, Newcastle.—1827. A.

SMART, G., JUNR., 104, Pilgrim Street, Newcastle. A.

SMERTHWAITE, Colchester. A.

SMITH, ABRAHAM, Manchester. P.

SMITH & HIND, 44, High Street, Stockton. A.

White's Directory, 1847.

SMITH, C., Leeds.

Grandfather, mahogany, inlaid with lighter wood, door of

figured Spanish mahogany, height 9 ft., painted dial, in top semi-circle is a picture of a child feeding birds from a lattice window, and in the four corners are paintings of small country cottages, 8 day, strikes hours on brass bell.

SMITH, EDWARD, 7, Old Butcher Market, Newcastle.

Newcastle Directory, 1824.

SMITH, GEORGE, Kirkwhelpington. A, C.

SMITH, JOHN, Amen Corner, Head of the Side, Newcastle-on-Tyne, A, M.

Newcastle Directory, 1824.

SMITH, JOHN, Thirsk. P.

SMITH, JOHN, Scarborough.

White's Directory, 1840.

SMITH, JOHN, York.—1750. C.

SMITH, HORATIO, 57, Stonegate, York.—1840. A.

SMITH, L., Keighley.

Grandfather, inlaid mahogany and oak, enamelled face, with painting of lady in sitting position in crinoline dress; hour, minute, and second hands and days of the month, one weight, with chain pull for winding.

SMITH, THOS., 194, High Street, Gateshead.—1827. A.

SMITH, THOMAS, Quayside, Newcastle-upon-Tyne. M.

SMITH, THOMAS, Sheffield.

Grandfather, oak, Chippendale decorations, including nightingale on bough on centre of door, and brass mounts to pillars on head. Brass dial, with days of month, and small time finger, represents pair of embroidery scissors and nail scissors, Sarum pattern reversed.

SMITH, WM., Huddersfield.—1830.

1. Grandfather, mahogany, plain front, turned side pieces and pillars, scroll top. Dial white, seconds above, days of month below, painted pictures of a church, houses, etc., in arch and at corners.

2. Grandfather, inlaid mahogany, painted dial with arch, 8 day.

SMOULT, THOMAS, Groat Market, Newcastle.—1787. Denton Chare, Newcastle.—1795. C.

1. Grandfather, mahogany, 8 ft. high, plays musical tunes on 8 bells. 1790. W.

2. Grandfather, mahogany, brass dial, arched top, figures around face to tell you days of the month.

SMOULT, South Shields.

Grandfather, silvered face, black Roman figures, numerals of the month, 1 to 31, also a small dial once showed the phases of the moon.

SNIDALL, JAMES, Sheffield. P.

SNOW, L., Bradford.—1814. A.

SNOW, THOS., Bradford.

Grandfather, mahogany case fluted columns at each side. Painted at top of dial with "The Sacrifice" (? Abraham & Isaac), at each corner are painted figures, seconds dial and date calendar.

SNOW, THOS., Birstwith, Yorks. B.

SNOW, WM., Otley.—1780. R.

SNOW, W., Padside, Nidderdale, Yorkshire.—No. 156. 1763.

1. Grandfather, Sheraton, oak door on mahogany inlaid work, dial has brass centre, white surrounding, black figures, semicircular

dial for day of month, handsome brass work filling corners, dated 1763. W. Snow became member of the Clockmaker's Co. 1784.

2. Grandfather, oak case, No. 172, dated 1764, brass dial, month calendar.

3. Grandfather, oak and mahogany, Corinthian pillars on sides of head with brass pedestals. Painted face with flowers at each corner and a female figure, seated, in medallion form at top.

SNOWDON, JAMES, 9, Stephenson Street, North Shields.—1850. A.

White's Directory, 1847.

SQUIER, JAMES, Prebend Row, Darlington.—1827. C.

SQUIRE, JAMES, Stricklandgate, Kendal.—1828. A, M, N.

SQUIRES, SAMUEL, High Row, Darlington.—1827. A.

SOLOMOND, ABRAHAM, King Street, Yarmouth.—1854. A.

SOMERSGILL, ROBERT, Preston.—1814-24. Q.

SOTLEY, ROBERT. (On clock in Leeds.)

Grandfather, very tall case, decorated with inlaid and fretwork, narrow waist, brass dial with fretwork spandrels, and the letters of the name of maker engraved separately between the hours on the chapter circle. Engraving of a house on lower half of dial. Moon dial above.

SPEDDING, RICHARD, Eastby, Yorks., died 1794.

SPEIGHT, Tong, West Riding.

Grandfather, oak, dial brass and painted, two weights, rope wind, 24 hour.

SPENCER, ELI, Bolton-le-Moors.—1814-24. Q.

SPENCER, JOHN, Colne, Lancashire. P.

SPENCER, THOMAS, Manchester.—1814-24. Q.

SPENDLOVE, H., Bridge Street, Thetford.—1854. A.

SPITTALL, JAMES, Whitehaven.—1829-47. N.

SPRINGALL, ISAAC, Wensum Street, Norwich.—1854. A.

STAINCLIFF, JOHN, Askrigg.

White's Directory, 1840.

STAINLAND, ROBERT, Malton.

White's Directory, 1840.

STANCLIFFE, ELI, Honley, Yorkshire.

1. Grandfather, oak, 8 day, endless chain wind.

2. Grandfather.

STANCLIFFE, JOHN, Askrigg, Yorks. B.

STANCLIFFE, JOHN, Burnley.—1814-24. Q.

STANCLIFFE, JOHN, Newcastle.—1700. C.

1. Grandfather, 24 hour, brass dial, one weight.

2. Grandfather.

3. Grandfather, oak, brass dial 12 ins. square, shows day of the month, the age and changes of the moon, 30 hour.

STANDRING, JAMES, Rochdale. P.

STEEL, G., Chester-le-Street.—1810. C.

Grandfather, dial has picture of Napoleon Buonaparte, with guns beside him, and on the four corners pictures of French Arms.

STEEL, JOHN, Killommarsh.

Bonnet clock, mahogany, brass dial, 8 day movement, on dial is engraved a brook, trees, and man fishing.

STEPHENSON, ROBERT, Pickering.

White's Directory, 1840.

STEPHENSON, ROBERT, Stokesley, Yorks. B.

STEPHENSON, Penrith.

Grandfather, oak case, plain square top, brass dial, centre painted to represent the interior of a library.

STEWART, HENRY, 6, Low Ousegate, York. A, B.

STEWART, ROBERT, Bondgate, Helmsley. B.

STOCKELL, HUGH, Pilgrim Street, Newcastle.—1778-90. A.

1. Grandfather, mahogany, columns with gilt capitals on upper part of case, dial brass, with moon and month calendars.

2. Grandfather, silvered dial.

STOCKELL & STUART, Newcastle.—1790-95. A.

1. Grandfather, brass dial. 2. Grandfather.

STOCKS, H., Newcastle.

Grandfather, mahogany, white dial, with picture of woman and child.

STOCKTON, FRANCIS, Yarm.—1827. C.

STOCKTON, GEORGE, Long Row, South Shields. M.

STOCKTON, GEORGE, JUNR., Long Row, South Shields.—1827. C.

Thrift Street, South Shields, 1844, and White's Directory, 1847.

1. Grandfather, oak case, white enamel dial with coloured floral designs. Month calendar.

STOCKTON, GEO., Sunderland.

Grandfather, dial has a pair of adjustable pointers on the front of the centre spindle of the moon-dial, which in connection with a set of hour figures upon the edge of the dial would appear to be for the purposes of determining once they were adjusted, the time of high and low water.

STOCKTON, THOMAS, Yarm.

Grandfather.

STODART, BENJAMIN, South Cave, Yorks.—1840. A.

STONE, DAVID, 7, St. John Street, Hull. B.

STONEHOUSE, C., Newcastle.

Grandfather.

STONEHOUSE, RICHARD, Whitby. P.

1. Grandfather, dark polished case, carved with flutes, and ornamented with brass. Dial, brass with corner pieces, "strike and silent" dial.

2. Grandfather, mahogany, dial brass, with phases of moon, monthly, and seconds dial.

3. Grandfather, oak, the door of an unusually long panel shape; solid brass dial, with brass filigree work in each corner, surmounted by brass disc, on which the maker's name appears in black letters. The works both for time and striking are wound up by one continuous rope and one weight.

STONES, GEORGE, Blackburn.—1814-24. Q.

STORR, JON., York. P.

STORR, MARMADUKE, York.

Grandfather.

STOTHARD, BENJAMIN, Cave South, East Riding. B.

STOTT, ELY, Wakefield. P.

STRAHAN, ARCHBALD, Gateshead. A.

STRAHAN, A., High Bridge, Newcastle.—1782-90. A, C.

1. Long case, lacquered, brass dial, square.

2. Large wall clock with long trunk of black and gold Chinese lacquer, painted dial. In 1797 Pitt imposed a tax of 10s. on all persons

in respect of possession and use of watches and clocks, the consequence was that many people gave up using either. Some public bodies, and especially Inns and Taverns, had clocks of this type made with a very large clear dial, from which their patrons could easily see the time. They usually had a large dial of wood painted black with gilt figures, which were not covered with a glass. There is an example at Windsor Castle.

3. Grandfather, oak, inlaid with mahogany of the Hepplewaite period, brass dial, black figures on a ring of white metal of a silver plate appearance.

STRACHAN, ARCH., Tanfield.

1. Plain oak case, 6 ft. 11 ins. high, waist 2 ft. 11½ ins. by 12¾ ins. 11 ins. square. Brass dial, centre seconds, 8 day, striking movement.

2. Grandfather, No. 564.

3. Grandfather, square brass dial. A.

4. Grandfather, plain oak case, one weight, chain wind, 30 hour. Brass dial, monthly calendar, No. 496.

STRINCLIFFE, JOHN, Askrigg, Wensleydale.—1840. A.

STRINGFELLOW, JOHN, Halifax.

Grandfather, 8 day, plain oak case, with blackened corkscrew corner pilasters on head, and blackened circle enclosing bull's-eye glass in front of pendulum. Square brass dial with spandrel ornaments, hour circle, silvered and divided on inner circumference between the hours into four. Date of month indicator over figure VI. Beneath figure XII small silvered circle with seconds hand.

STRINGFELLOW, RICHARD, Liverpool.—1814-24. Q.

STUART, GEORGE, 13, Groat Market, Newcastle-on-Tyne. M.

1. Grandfather, with one weight on an endless chain, strikes the hours, 30 hour.

2. Grandfather, 30 hour, one weight, endless chain.

STUART, GEO., JUNR., 164, Pilgrim Street, Newcastle.—1827. A.

17, Clayton Street, White's Directory, 1847, Ridley Court, 1850. A.

STUART, W., Newcastle.—1725. A.

STUART, Newcastle.

Grandfather, oak, 8 day, white dial, pictures in each corner.

STUMP, RICHARD, Oldham.—1814-24. Q.

SUGGITT, JOHN, Buttercrambe, Yorks.—1840. A.

SUNNER, JAMES, Liverpool.—1814-24. Q.

SUTTON, Braithwaite.—1720. C.

Grandfather, oak, with two small pillars and indented cornice round top. Arabic numerals on dial.

SUTTON, WILLIAM, Liverpool. P.

SWINBURN, Sunderland. A.

Grandfather, oak case, brass dial.

SWINBURN, Hexham.—Died 1748.

1. Grandfather, oak, with dog tooth ornamentation, brass dial, plain centre with detachable brass ornaments.

2. Grandfather. 3. Grandfather, oak, white dial.

SWINBURN, JOHN (? SENIOR), Hexham.—1700-45. A.

Clockmaker to the Earl of Derwentwater.

SWINBURN, JOHN (? JUNIOR), Hexham.—1770-80.

1. Grandfather, a rare specimen of an English 8 day clock, firstly for its centre second part, but more so for the pin wheel escapement (the part which drives the pendulum).

2. Grandfather, oak, with a serpent in carved work, 24 hour, brass dial, polished figure circle.

SWINBURN, JOHN, Bishop Auckland. P.

SWINBURN, JOHN, Skinnerburn, Newcastle.—1827. A.

SWINBURN, JOHN, 1, Market Place, Durham.

White's Directory, 1847.

SWINBURN, WM., Beast Market, Newcastle.—1827. A.

SWINBURNE & SONS, 1, Market Place, Durham.

Walker's Directory of Durham, 1860.

SWINBURNE, JNO., Dilston.—Circa 1760. E.

1. Grandfather, walnut, arched brass dial, month clock, showing moon, etc.

2. Grandfather, brass dial, with maker's name around.

SWINBURNE, WILLIAM, Hexham. D.

This maker named his clocks "Derwentwater Clocks," and occasionally put a portrait of the unfortunate Earl on the clock.

1. Grandfather, 30 hour, oak inlaid door, mahogany base.

SWINDELLS, Macclesfield.—1814. A.

SWINERTON, THOS., Newcastle. A.

Lantern bracket clock, about 1680.

SYKES, GEO., Wheelgate, Malton, Yorks. B.

SYMONDS, JOSEPH & Co., Liverpool. P.

SYMONS, MOSES, 6, Queen Street, Hull. B.

TAINER, Asby.

Grandfather.

TAIT, THOS., Finkle Street, Alnwick.—1827. A.

TAIT, T., Belford.

Grandfather, mahogany and oak case, white face.

TARLETON, RICHARD, Liverpool. P.

TARLETON, WILLIAM, Liverpool. P.

TASSEYMAN, GEORGE, Northallerton.—1840. A.

TATE, ROBERT, Manchester.—1814-24. Q.

TATE, THOMAS, Fenkle Street, Alnwick. M.

TAVEY, WM. T. T., Clough Street, King's Lynn.—1854. A.

TAYLOR, Kirkby Stephen. E.

1. Grandfather, 13-in. brass arched dial, dated 1782.

2. Grandfather, brass dial, 30 hour.

3. Black ebony, 10-in. dial with one hand, the minutes read from the position of the hour hand between each hour, 30 hour, brass dial made in 1725.

4. Grandfather.

TAYLOR, DENNIS, Mire Street, Diss, Norfolk.—1854. A.

TAYLOR, G. R., High Street, Sunderland. M.

89, Coronation Street, 1847 (White's Directory).

1. Skeleton clock, 8 day.

TAYLOR, JAS., 15, Coronation Street, Sunderland.

White's Directory, 1847.

TAYLOR, JAMES, Liverpool.—1814-24. Q.

TAYLOR, JOHN, Masham.

Grandfather.

- TAYLOR, JNO., Morpeth.
Grandfather, oak, inlaid with mahogany, white dial.
- TAYLOR, JOHN, Cossey, Norfolk.—1854. A.
- TAYLOR, JOHN, Wear Street, Sunderland.—1827. A.
- TAYLOR, MARK, Staithes, Yorks. B.
- TAYLOR, THOMAS, Manchester.—1814-24. Q.
- TAYLOR, WILLIAM, Whitehaven. P.
1. Grandfather, mahogany case, brass and silver dial, 8 day.
2. Grandfather, mahogany, fretted at sides, brass dial, engraved, painted moon between two brass globes and indicator showing phases of moon.
- TAYLOR, WILLIAM, Dumfries.—1800. N.
- TAYLOR, WILLIAM, Liverpool.—1814-24. Q.
- TAYLOR, W. T., Liverpool.—1814-24. Q.
- TEKELL, M., Mosley Street, Newcastle.—1811. A.
- TELFORD, EDWARD, I, St. Allan's Row, Carlisle.—1847-50. A, N.
- TELFORD, JOHN, High Street, Wigton.—1825-47. A, M.
1. Grandfather, oak case, moon's phases, and seconds dials, no calendar.
- TERRY, EDWARD, John Street, Sunderland.—1850. A.
White's Directory, 1847.
- TERRY, ISAAC, Richmond, Yorks.—1820-50. A.
- TERRY, J., 103, Side, Newcastle-upon-Tyne.—1850. A.
White's Directory, 1847.
- TERRY, JOHN, York.—1713. C.
- TERRY, THOMAS, York.—1733. C.
- TERRY, WILLIAM, Bedale. P.
- TERRY, WM., 61, Low Gate, Hull.—1823. B. 1840. A.
- TERRY, WM., Market Place, Richmond, Yorks.
White's Directory, 1840.
1. Grandfather, oak, decorated with brass and mahogany, enamelled dial, painted with flowers, etc., calendar circle.
- TERRY, WILLIAM, Masham. B.
White's Directory, 1840.
1. Grandfather, oak, silver face, with brass corners.
2. Grandfather, mahogany, inlaid with satin wood and brass ornaments, white dial.
- TESSEYMAN, GEO., Northallerton. B.
White's Directory, 1840.
- THERASBY, PETER, York.—1666. C.
- THIBON, JAMES, Newcastle-upon-Tyne.
Grandfather, oak case, enamelled dial, with steel name plate engraved below with representation of a cornfield and a bull with a man's face.
- THIRKWELL, GEO., Hartlepool.—1842.
Grandfather.
- THOMPSON, COVERDALE, 8, High Row, Chester-le-Street.
White's Directory, 1847.
- THOMPSON, C., Belford.
1. Grandfather, brass face, painted, seconds dial numbered in tens, and a monthly calendar dial.
2. Grandfather.
- THOMPSON, E., Belford.
Grandfather.

THOMPSON, J., Belford.

Grandfather, oak, painted dial.

THOMPSON, JOSEPH, Whitehaven.—1830.

THOMPSON, JOSIAH, Whitehaven.—1711 to 1790.

THOMPSON, Whitehaven.

Grandfather, brass dial, the seconds indicated by a beam engine device on the upper part of dial, and engraved with picture of an engine house and pit mouth.

THOMPSON, J., Narrowgate, Alnwick.—1827. A.

THOMPSON, JAMES, High Row, Darlington.—Died 1825. F.

1. Grandfather, oak, a mahogany pillar on each side of dial, white enamelled dial.

2. Grandfather.

THOMPSON, JOHN, Cockermouth.—1847. N.

THOMPSON, JOHN, Kirkby Stephen.

Grandfather, oak, brass dial, engraved in each corner, and an emblem resembling the Prince of Wales feathers is midway between each hour. One pointer, 6 ft. 6 ins. in height, and 10½ ins. across the body.

THOMPSON, JOHN, Senhouse Street, Maryport. M.

THOMPSON, JOHN, York.—1692. C.

THOMPSON, JOSEPH, 8, Duke Street, Whitehaven.—1828. A, L, M.

THOMPSON, JOSHUA, Staindrop.—1827. C, F.

THOMPSON, JOSIAH, Cockermouth.

Grandfather, brass dial, one hand only.

THOMPSON, RT., Purfleet Street, King's Lynn.—1854. A.

THOMPSON, ROWLAND, High Street, Wigton.—1850. A.

1. Grandfather, oak, dial, steel grey set in a square of embossed brass, with maker's name and town in bold letters across dial. Strikes the hour, shows phases of the moon, and indicates the day of the month.

THOMPSON, SAMUEL, High Row, Darlington.—1827. A, F.

Inventor of illuminated dial. F.

THOMPSON, W. M., 91, High Street, Gateshead.—1850. A.

THOMPSON, Newcastle. A.

THOMPSON, W., Northallerton.

White's Directory, 1840.

THORNHAM, GEO., 10, Queen Street, Hull. B.

THORNHAM, G., Hedon, Yorks.—*Circa* 1806.

Grandfather, polished oak, inlaid mahogany, height 9 ft. painted dial, hours marked in figures, picture in semi-circular top of a draped female figure beside a pedestal on which is a bust of lord Nelson, the pedestal has inscribed on it:—Nile, Copenhagen, Trafalgar, and underneath—Died October 21st, 1805; behind the figure is the sea, on which are several ships in full sail and in the background the tops of two of the pyramids are seen. The four corners of dial are filled in with scroll work of flowers and in centre of each scroll is a gilt shell. It has a seconds dial painted on and a monthly calendar working behind dial, dates showing, in figures, through slot cut in dial. Strikes hours on brass bell, 8 day.

THORNTON, North Shields.

Grandfather, brass dial, with corner pieces of brass.

THORNTON, WILLIAM, York.—1747. C.

THORP, RICHARD, Market Place, Market Weighton.—1840. B, A.

THRELKELD, DEODATUS, Newcastle-upon-Tyne.—1657-1732/33.

See *Proceedings*, Society of Antiquaries of Newcastle, 3rd Series, vol. v., pp. 224 ff, and Newcastle Courant, 27th July, 1723. He made the clock in All Saints Church about 1705. E.

1. Grandfather, queen Anne style.
2. Grandfather, black, on the door is a draped female figure, on the bottom of the front of the clock is a lady on her knees holding a lamb (?) and a male figure blowing a horn (?) with a dog by his side.

THWAITES, JOHN, 15, Scotch Street, Carlisle.—1850. A.

THWAITES, ROBERT, Bank, Barnard Castle.—1827. C.

White's Directory, 1847.

TICKELL, DALTON, Blakett Street, Newcastle-on-Tyne.—1811. C.

Brassfounder and clock manufacturer.

TICKLE, WILLIAM, SENR., Newcastle-on-Tyne. P.

TICKLE, WM., JUNR., Bigg Market, Newcastle.—1790-95. A.

1. Grandfather, 8 day, dated 1790.
2. Grandfather, dated 1790.
3. Grandfather, inlaid mahogany, engraved brass dial, with chased cornerpieces.
4. Grandfather, oak, silvered brass dial, 8 day.
5. Grandfather, long polished case. The top of the dial is curved, like a boat with men at the oars, embellished above is some painted flowers.
6. Grandfather, oak, enamelled steel dial, fruit engraving in each corner, bust of lady on top, 8 day.
7. Grandfather, brass dial with pierced corner pieces, circular name plate.
8. Grandfather, 8 day.
9. Grandfather.
10. Grandfather.
11. Long case clock, 8 day, mahogany case, brass dial about 1780.
12. Inlaid mahogany, case 7 ft. 1 in. high, 22 ins. wide. Arch white dial, 8 day striking movement, Corinthian capitals.
13. Grandfather (in Mr. Arthur Feetham's collection).
14. Grandfather.

TINKLER, NICHOLAS WATSON, St. Mary's Street, Newcastle.—1827. C.

Sandgate, Newcastle, 1838. C. Swirle (White's Directory, 1847).

1. Wall clock, 8 day, mahogany.
2. Grandfather, mahogany, dial has seconds pointer, and a small dial for the days of the month.

TINKLER, STRACHAN, Gateshead.—1811. C. Sandgate, Newcastle-on-Tyne. M.

Newcastle Directory, 1824, St. Mary's Street, 1827-33.

1. Grandfather, enamel dial, roses at corners, and an oval containing a landscape in arch above dial.
2. Grandfather, oak, enamelled face.
3. Grandfather.

TINKLER, THOMAS & MARY.—1744.

Grandfather, oak, brass dial, one pointer, made of steel, and day of month dial, 30 hour, worked by a chain and single weight, pulled up daily, name on dial.

TOBIAS & Co., M. J., Liverpool.—1814-24. Q.

TODD, JOSEPH, 13, Market Place, Hull. B.

TODD, SAMUEL, York.—1686. C.

TODD, J., Berwick.

Grandfather, enamelled dial.

TODD, WILLIAM, Carlisle.—1847. L.

TOKER, North Sunderland.

Grandfather, mahogany, white face.

TOOTELL, WILLIAM, Chorley. P. 1814. A. 1824. Q.

TOOTELL, St. Helens.

Grandfather, oak, steel dial with brass border.

TORKINGTON, Newcastle-under-Lyne (?).

Grandfather.

TOWNLEY & SON, THOMAS, Liverpool.—1814-24. Q.

TOWNSEND, ROBERT, Greenock.—1785. A.

TRAVIS, GEORGE, Rotherham. P.

TRAVIS, J., Thorn, Yorks.—*Circa* 1785. A, P.

TRAVIS, WM., Leek, Staffordshire. A.

TRITSCHLER, WAND CO., 28, English Street, Carlisle.—1850. A.

TROTTER, ALEX., Jedburgh.

Mr. W. Murray mentions four of this maker's clocks at Bleakhope, Byegate Hall, Harbottle, and Elsdon.

1. Grandfather, oak, brass dial silvered.

2. Grandfather, white dial, wheels stated to be hand made.

3. Grandfather, plain, narrow unpolished oak case, white dial, above dial is a representation of Britannia mourning for the death of Nelson.

4. Grandfather, 8 day, dial is painted with a bullfinch sitting on an apple, day of the month dial. Dial bears "S 14" on one side and "173" on other.

5. Grandfather, flowered white dial.

6. Grandfather, Sheraton case, brass dial. A.

TROTTER, HENRY, Narrowgate, Alnwick.—1827. A.

1. Grandfather, oak, white dial and painted surrounds, shows days of the month.

TROTTER, JOSEPH, Broad Chare, Newcastle-on-Tyne.—1827-33.

A, M.

Newcastle Directory, 1824.

1. Grandfather, dial with painting supposed to be the death of sir John Moore at the battle of Corunna.

TROTTER, L., Newcastle.

Grandfather.

TROTTER, THOMAS, Whitby.

White's Directory, 1840.

TURNBULL, JNO., Newcastle.

Grandfather.

TURNBULL, JOHN, Stokesley.

White's Directory, 1840.

TURNBULL, ROBT., North Sunderland.

Grandfather, mahogany case, white face.

TURNBULL, THOS., Bridge Street, Whitby. B.

Church Street, 1840. A. White's Directory, 1840.

TURNBULL, WILLIAM, Whitby. B.

White's Directory, 1840. A.

TURNER, I., Penrith.

Grandfather, oak, 24 hour, white dial, painted with scenes of country life, chain with lead weight. (Note by Mr. Isaac Davidson.)

- TURNER, JOHN, London Road, King's Lynn.—1854. A.
 TURTON, NATHANIEL, Manchester.—1814-24. Q.
 TWEEDY, WM., 67, Head of the Side, Newcastle.—1827-33. A.
 White's Directory, 1847.
 TWHAITES, ROBERT, Bank, Barnard Castle. M.
 TWIGG, Skelton. A.
 Grandfather, inlaid case.
 TWYFORD, JOSIAH, Manchester. P, Q.
 TWYFORD, WILLIAM, Manchester. P.
 TYSON, HENRY, Egremont, Cumberland.—1828. A.
 TYSON, HENRY, 21, Market Place, Whitehaven.—1828. A. 1829.
 L.
 TYSON, MATTHEW, Gosforth, Cumberland.
 Grandfather, oak and mahogany, white dial and moon dial.
 UNTHANK, GEORGE, Stokesley.
 White's Directory, 1840.
 UNTHANK, GEORGE, Westgate, Guisborough. B, C.
 UPCROFT, WM., Fettwell, Norfolk.—1854. A.
 VALIANT, SAMUEL, Brockdish East, Norfolk.—1854. A.
 VARDY, THOS., Alnwick. E.
 VARLEY, Bishop Auckland.
 Grandfather, 7 ft high, dial painted with country scenes.
 VARLEY, JOHN.
 Grandfather, oak, plain, brass dial, 30 hour.
 VARLEY, THOS., Tun Street, Fakenham, Norfolk.—1854. A.
 VARNISH, JOHN, Rochdale. P.
 VARRALLI, JEROME, Scarborough.
 White's Directory, 1840.
 VASSALLS, JEROME, Merchant's Row, Scarborough.—1840. A.
 VERNON, H., SENR.
 Grandfather.
 VERNON, H., JUNR.
 Grandfather, mahogany case, white face.
 VERNON, HENRY, Alnwick. D.
 Grandfather, white faced.
 VINCENT, WILLIAM, York. P.
 VITER, G. I., Wolverhampton.
 Grandfather, oak, chain winder.
 WADE, CHAS. R., Market Place, Aylsham, Norfolk.—1824. A.
 WAGGET, Richmond. A.
 WAGGETT, CHARLES, 14, Newbridge Street, York.—1840. A.
 WAKE, WM., 27, Side, Newcastle.—1833. A.
 WAKEFIELD, Chester-le-Street.
 Grandfather.
 WAKEFIELD, ED., 78, High Street, Gateshead.—1850. A.
 1. Grandfather, 8 day. 2. Grandfather.
 WAKEFIELD, ELEANOR, 78, High Street, Gateshead.
 White's Directory, 1847.
 WAKEFIELD, J. H., Gateshead.—1800. A.
 1. Grandfather, oak and mahogany, 8 day, arched dial enamelled.
 1. Grandfather, oak and mahogany, 8 day, arched dial
 enamelled.

WAKEFIELD, JOHN, Ayton Banks, Lamesley.—1777-1827, died 1846. A.

1. Grandfather, 6 ft. 6 ins. high, plain oak, moulded top, dial white with painting of "The flight to Egypt."

2. Grandfather, mahogany, metal dial, painted and decorated, 7 ft. high.

WAKEFIELD, THOS. TODD, Annfield Plain.—Died 1854. A.

WAKEFIELD, W. E., Tanfield.

Grandfather, oak with mahogany veneer.

WAKEFIELD, WILLIAM, Lancaster.—1814-24. Q.

WAINWRIGHT, JOHN, Manchester. P.

WALBY, WILL., Burradon, near Rothbury.

Grandfather, enamelled dial. Reputed to be one of the three clocks then in the parish of Rothbury. D.

WALDIE, THOS., Waggon Hill, Blyth.—1827. A.

Northumberland Street, White's Directory, 1847.

WALKER & HUGHES, Easingwold.

Grandfather, oak, white face.

WALKER, EZEKIAL, Litcham, Norfolk.—1770-1804. A.

WALKER, FRANCIS, Maryport.—1811-47. A, L, N.

WALKER, GEO., 22, Lowgate Hull. B.

WALKER, JOHN, Liverpool.—1814-24. Q.

WALKER, JOHN, Middlesbrough.

White's Directory, 1840.

WALKER, JOHN, Close, Newcastle.—1760-95. A, P.

Head of Long Stairs, 1795. C.

1. October, 1761, Walker, The Close, erected new clock with chimes in St. Nicholas' Church, Newcastle—Sykes' Local Records, 1833. C.

2. Grandfather, oak case, brass dial. This clock has triangular plates for the movement (instead of the usual rectangular shape) and has other original mechanical features.

3. Grandfather, oak, brass dial, movement triangular (an unusual shape) and striking fly is a vertical two-leafed fan worm driven. Locking plate is formed by steel pins in great wheel and are set at right angles to the back of this wheel.

4. Grandfather, brass arch dial.

5. Grandfather, oak, silver dial and brass surrounds, shows days of the month, 7 ft. high.

6. Grandfather, oak case, dial is of white metal engraved, seconds dial and calendar.

7. Grandfather, dial engraved.

8. Grandfather, oak, brass face.

9. Grandfather, steel face.

10. Grandfather, 8-day, brass dial.

11. Grandfather, oak, brass dial.

12. Grandfather, a 365 day clock with calendars for day, month, and year, and a 24 hour dial. In the Lord Mayor's Chamber, Town Hall, Newcastle-upon-Tyne. (Plate XXX.)

WALKER, JOHN, Market Place, East Riding, Yorks. B.

WALKER, JOHN, Dacre Street, Middlesbrough.—1840-50. A.

White's Directory, 1847.

WALKER, JOSEPH, Workington.—1829-47. L.

WALKER, JOSEPH, Wilson Street, Workington. Bridge Street.—1828. A, M.

- WALKER, Litcham, Norfolk.—1854. A.
 WALKER, MICHAEL, Bolton-le-Moors.—1814-24. Q.
 WALKER, MICHAEL, Chester-le-Street. C, P.
 WALKER, MRS., Castle Stairs, Newcastle.—1778. C.
 WALKER, RT., North Bar Street, Beverley.—1840. A.
 WALKER, THOS., Market Place, Howden, Yorks.—1840. A.
 WALKER, WILLIAM, Hartinpool (Hartlepool). D.
 Grandfather, brass face.
- WALLACE, BLACKET, Brampton.—1740-60. L, N, R, A.
 1. Grandfather, black oak case, brass dial, dated 1747.
 2. Grandfather, brown oak case, square brass dial, fancy brass work at corner of each dial, black Roman numbers, dated 1760.
 3. Grandfather, stained mahogany, 30 hour, the dial of brass with calendar, on it are the letters I. E. the initials of Isabella & Edward Telford for whom the clock was made.
 4. Grandfather.
 5. Grandfather, 30 hour, brass dial.
 6. Grandfather.
 7. Grandfather, oak and mahogany. Dial has letters L. A. I. and has finely engraved filigree work in the corners, and bust of a woman in centre.
 8. Grandfather, brass dial, 30 hour.
- WALLACE, BLACKET, Brampton.
 Grandfather, moon and day of month dials on a brass dial of a beautiful design.
- WALLACE, M., Back Street, Brampton. M.
 WALLACE, THOS., Brampton.—1760. R, L, N.
 1. Grandfather, dated 1740.
 2. Grandfather, oak case, inlaid with white, black, and mahogany on front. Chain wind, brass dial.
 3. Grandfather, oak.
- WALLACE, WILLIAM, Brampton. P.
 WALLEY, SAMUEL, Manchester. P.
 WALTON, Haltwhistle.
 Grandfather, walnut case, brass dial. The above name is on a disc at top of dial, below is name "James Whitfield, Clifton."
- WARBURTON, JOHN, Liverpool.—1814-24. Q.
 WARD, Amen Corner, Newcastle.—1811. A.
 1. Inlaid mahogany case, 7 ft. 3 ins. high, 22 ins. wide, waist 2 ft. 8 ins. by 14 ins., 13-in. white dial, 8 day striking movement.
- WARD, HENRY, 24, Parliament Street, York.—1840. A.
 WARD, JOSHUA, Side, Newcastle.—1801. C.
 WARD, RICHARD, Liverpool. P.
 WARD, WILLIAM, Market Place, Hemsley. B.
 WARD, WILLIAM, H., Liverpool.—1814-24. Q.
 WARDLOW, HENRY, Liverpool.—1814-24. Q.
 WAREING, JAMES, Liverpool.—1814-24. Q.
 WARKINGTON, JOHN, Penrith.—1664. R.
 WARSWICK, THOMAS, Lancaster. P.
 WASHINGTON, JOHN, Penrith.—1664-1710. N.
 WATSON & BELL, 17, Low Ousegate, York.—1840. A.
 WATSON, CHRISTOPHER, Low Ousegate, York. B.
 WATSON, FRANCIS, Toll Gavel, Beverley.—1840. B, A.

- WATSON, JOHN, Blackburn.—1814-24. Q.
- WATSON, JOHN, Pocklington. B, P.
- WATSON, JOSEPH, New Road, Newcastle.—1838. C.
- WATSON, MICHAEL, Old Butcher Market, Newcastle-on-Tyne.—
1811-27. A, M.
1. Grandfather. 2. Grandfather.
- WATSON, R., Clayton Street, Newcastle.—1850. A.
- WATSON, THOMAS, 106, Side, Newcastle.—1838. C.
- WATSON, THOMAS, Blackburn, Lancs. P.
- WATSON, WILLIAM, Blackburn, Lancs. P, Q.
- WATSON, WM., South Cave, Yorks.—1840. A.
- WATTS, ROBERT, Stamford. A.
- WAUGH, WILLIAM, Liverpool.—1814-24. Q.
- WAYND, RICHARD, York.—1667. C.
- WEAR, WM., 4, Collingwood Street, Newcastle.—1850. A.
- WEATHENSHON, Newcastle.
Grandfather, 8 day.
- WEATHERAD, LEONARD, Kirby Lonsdale, Westmorland.—*Circa* 1766.
Grandfather, mahogany, brass dial and inner rim of silver.
- WEATHERALL, THOMAS, Fore Street, Hexham. A, M.
- WEATHERBURN, ROBERT, Tweedmouth, Berwick. A, M.
- WEATHERBY, THOMAS, Berwick-on-Tweed.—1790. S.
- WEATHERILL (or WEATHERILT), SAMUEL, Liverpool.—1814-24. Q.
- WEATHERLEY, THOMAS, Berwick-on-Tweed. P.
- WEATHERSON, JOHN, Close, Newcastle.—1778. A, P.
Wool Market, 1778-90. A.
- WEATHERSTON, Berwick.
1. Grandfather, brass dial, seconds and monthly calendar.
2. Grandfather, brass dial, monthly calendar and seconds, with
name James Hogg at bottom of dial.
- WEATHERSTONE, Morpeth.
Grandfather, oak case, 8 day, enamelled dial.
- WEBSTER, Salop.—1768. A.
Grandfather.
- WEBSTER, J., Horbury, Yorks.
Grandfather, oak, inlaid mahogany, height 8 ft., painted dial,
picture of child with garland of flowers in semi-circular top also
seconds dial and monthly calendar dial painted, strikes hours on
brass bell.
- WEBSTER, JOHN, Church Street, Whitby. B.
- WEBSTER, RT., Whitby.—1772. A.
1. Grandfather, brass dial.
- WELCH, JAMES, Houghton-le-Spring.—1827. A.
1. Grandfather, 24 hour, chain wind.
2. (?) Grandfather, enamelled dial, 8 day.
- WELLER, HENRY, Castle Garth, Newcastle.—1827. A. 1844. C.
- WELSH, JOHN, Annfield Plain.—Died 1872. A.
- WENHAM, C. & SON, Market Place, East Derham, Norfolk.—
1854. A.
- WENHAM, GEORGE, Watton, Norfolk.—1854. A.
- WENHAM, JOHN, Market Place, Swaffham, Norfolk.—1854. A.

- WEST, GEORGE G., Docking, Norfolk.—1854. A.
- WEST, JAMES, Bolton-le-Moors.—1814-24. Q.
- WEST, THOS., Reading. A.
- WESTEL, Wolsingham.
Grandfather.
- WESTERMAN, R., Leeds.
Grandfather, spanish walnut, about 9 ft. high, painted dial, in the semi-circular top is a painted representation of "The Last Supper," and in the four corners are painted figures representing four of Our Lord's disciples; a seconds dial and monthly dial are painted on, 8 day, strikes-quarters (1, 2 & 3 times) on two gongs, and hours on both gongs simultaneously, dead beat-escapement.
- WESTMORE, ROBERT, Preston.—1814-24. Q.
- WESTMORLAND, JOHN, High Street, Hartlepool.—1850. A.
White's Directory, 1847.
- WESTON, JOHN, Wolsingham.—1795-1800. A.
- WESTON, JNO., Wolsingham.—1770.
Grandfather. (Plate XXXII.)
- WESTON, RALPH, Wolsingham.—Died 1838. A.
1. Grandfather, 24 hour, chain and lead weight, dial, white with calendar dial painted with flowers.
- WESTON (? JUNIOR), Wolsingham.—1859-61.
- WETHERALD, JOHN, Bishopwearmouth.—1790-95. A.
- WETHERHEAD, R., Kirkby Lonsdale.
Grandfather, oak, brass dial, square, with cast brass figures representing the four seasons, shows day of month.
- WEYMAN, JAMES, Moot Hall, Appleby.—1828. A.
- WEYMSS, Burgh Gate, Appleby. M.
1. Grandfather (note by Mr. Joseph Furness, Appleby).
- WHALEY, JOHN, Seaton Carew.—1850. A.
- WHALEY, WILLIAM, High Street, Hartlepool.—1850. A.
White's Directory, 1847.
- WHALLERY, Manchester.
Grandfather, strikes. Dial has month calendar.
- WHEATLEY, THOS., 31, English Street, Carlisle.—1850. A.
- WHEENELL, JAMES, 22, Close, Newcastle.—1827. A.
- WHERLEY & SHERATON, Sunderland.
8 day clock.
- WHICKHAM, JONATHAN, Sheffield. P.
- WHITE, Chesterfield. A.
- WHITE, Morpeth. A.
Grandfather, brass dial.
- WHITE, SAMUEL, Acle, Norfolk.—1854. A.
- WHITEHEAD, EDWARD, Wetherby. P, R.
1. Grandfather, oak, brass dial.
2. Grandfather.
3. Grandfather, 30 hours.
- WHITEROD, BENJ., Crown Street, Diss.—1854. A.
- WHITESIDE, JAMES, Ormskirk.—1814-24. Q.
- WHITFIELD, JOHN, Clifton.
1. Grandfather, walnut case, brass dial. The above name is on bottom of dial; on a disc at top is the name "Walton, Halt-whistle."
2. Grandfather. 3. Grandfather, brass dial.



BY JOHN WALKER, NEWCASTLE. C. 1770.

IN THE LORD MAYOR'S CHAMBER, NEWCASTLE-UPON-TYNE.



BRACKET CLOCK BY WILLIAM HEPTON, NORTHALLERTON.



MADE BY JNO. WESTON, WOLSINGHAM, 1770.



MADE BY JAMES HENDRIE, WIGTON.

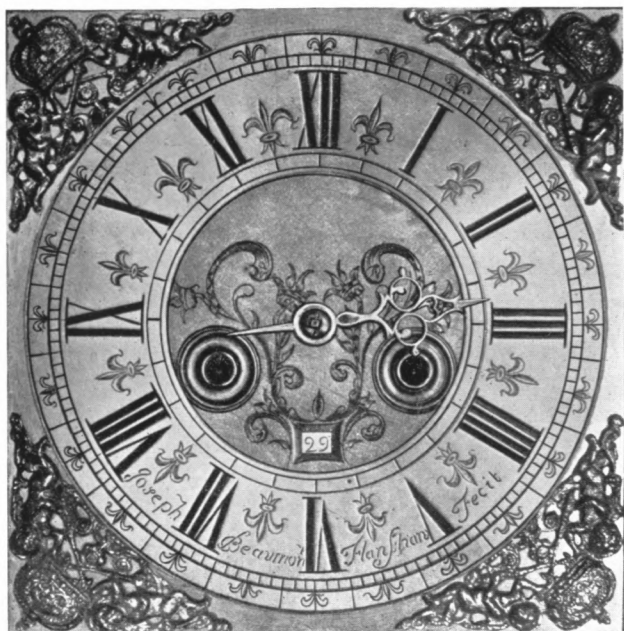


FIG. 1.

EARLY TYPE OF GRANDFATHER DIAL BY JOSEPH BEAUMONT,
FLANSHAW. C. 1680-1720.



FIG. 2.

BASKET AND SCROLL ENGRAVING ON THE BACK PLATE OF A
BRACKET CLOCK BY THOS. GREEN, LIVERPOOL.



MADE BY JOHN SANDERSON, WIGTON.

WHITFIELD, R. T., Tanfield.

Grandfather.

WHITHELL, THOS., Hotham, Yorks.—1840. A.

WHITLEY, R., Chester.—1814. A.

WHITNELL, JAMES, 28, Close, Newcastle.—1833. A.

WHITNELL, S., Newcastle-on-Tyne.

Grandfather, 8 day, 6 ft. high.

WHITNELL, THOMAS, Gallowgate, Newcastle-upon-Tyne.—1850. A.

White's Directory, 1847.

1. Grandfather.

2. Grandfather, dial painted with figure of a man digging in a garden, wheelbarrow at side.

WHITROD, J., Harling East, Norfolk.—1854. A.

WHITTAKER, THOMAS, Thorne, West Riding.

Grandfather, oak, painted square dial, 30 hour.

WHITTINGTON, Bawtry.—1834-40.

(Note by Mr. J. A. Symington, Bawtry, Yorks.)

WHITWORTH, JAMES, Lussley, Lancashire.

1. Grandfather, oak, brass dial, hands brass, date of month, age of moon, 6 ft. 10 ins. high.

2. Grandfather, oak, the pilasters are mahogany also the strip at sides, brass dial, phases of moon and calendar dials, the moon face coloured. Between the two moons are pastoral scenes with man fishing, a goat and lady walking through a field. 8 day, strikes hours only, date 1770.

3. Grandfather, 6 ft. 10 ins. in height, brass dial and hands, date of month, and age of the moon. Strikes hours.

4. Grandfather, oak, reeded pillars, dial, white metal engraved, phases of the moon and month calendar dials.

WIANMAN, WM., 28, New George Street, Hull.—1840. A.

WIELAND, CHAS., St. Stephen's Lane, Norwich.—1854. A.

WIGGIN, ROBERT, Colne.—1814-24. Q.

WIGNELL, JOHN, Ormskirk. P.

WILD, J., Macclesfield.—1814. A.

WILDE, MICHAEL, Wakefield. P.

WILKINSON, Eamont Bridge.

Grandfather.

WILKINSON, Wigton.—1680-1777. L.

WILKINSON, JOHN, Cartmel, Lancashire.—1814-24. Q. 1828. A.

WILKINSON, JOSEPH, Castlegate, Penrith. M.

WILKINSON, JOSEPH, Yanwath, Cumberland.—1828. A.

WILLIAMSON, JAMES, Western Lane, Berwick.—1827. C.

WILLIAMSON, JOHN, Warrington.—1814-24. Q.

WILLIS, THOS., Felton.—1780. A.

1. Grandfather, oak, brass dial.

2. Grandfather, oak, fastened together with wooden pins, brass face.

3. Grandfather, case was made by John Willis.

WILLSON, ROB., Moor House.

(This clock is at Rotherham, probably made at Moorhouse, near Normanton, or Moorhouse, near Darfield.)

Grandfather, dark oak, brass dial, surrounded by a chased border of the same metal, with date calendar. 7 ft. high.

WILLSON, Penrith.

Grandfather.

- WILSON, GEORGE**, Bridge Street, Appleby.—1828. A, L, R.
 1. Grandfather, oak, domed hood, 12-in. square brass dial with calendar.
- WILSON, JAMES**, Askrigg.—Died 1780.
 1. Grandfather, oak, brass face.
- WILSON, JAMES**, Stimford.
 Grandfather.
- WILSON, JEREMIAH**, 22, High Street, Gateshead.
 White's Directory, 1847.
 1. Grandfather, mahogany, white dial with hunting scene.
- WILSON, JOHN**, Flesh Market, Newcastle.—1782-90. A.
- WILSON, JOHN**, Ulverstone. P.
- WILSON, NICHOLAS**, Kendal. F, P.
- WILSON, RICHARD**, South Moorhouse.—1800. A.
- WILSON, RICHARD**, York.—1586. F.
 Grandfather.
- WILSON, T., Askrigg.**
 T. H. describes an old dial that bears the name T. Wilson, Askrigg, and states that it has the VI between the maker's name and the name of his residence. These particulars are exactly arranged as in the Powley clock, also it was the same in having the hours and their divisions on a loose plate or ring band placed in front of the square dial. The corners to complete the square were also of the same kind but varied in design, bearing a rough perforated scroll pattern. (Note by Mr. Geo. Middleton, Ambleside.)
- WILSON, THOMAS**, Market Place, Barnard Castle.
 White's Directory, 1847.
- WILSON, THOMAS**, Market Place, Guisborough. B, P, F.
 1. Grandfather, mahogany case, plain face, with day of month indicator, chain wind.
- WILSON, THOS. & JOHN**, Market Place, Guisborough.—1840. A.
- WILSON, WM.**, Kendal. A.
- WILSON, W. W.**, 13, Dean Street, Newcastle.—1827. A:
 White's Directory, 1847.
- WINDALE, JAMES**, 69, High Street, Stockton.
 White's Directory, 1847.
- WINDER, THOMAS**, Lancaster.—1814-24. Q.
- WINDLE, WM.**, 69, High Street, Stockton.—1850. A.
- WINSTANLEY, ALEXANDER**, Wigan. P, Q.
- WINSTANLEY, EDWARD**, Wigan.—1814-24. Q.
- WINSTANLEY, EDWARD**, Liverpool. P.
- WINSTANLEY, ROBERT**, Ormskirk.—1814-24. Q.
- WINSTANLEY, WILLIAM**, Preston.—1814-24. Q.
- WISE, FEATHERSTONE**, 8, New Dock Street, Hull. B, C.
- WITHILL, WILLIAM**, Hornsea, Yorks. B.
- WOLLEY, Codnor.**
 Grandfather, oak, brass dial, date calendar.
- WOMERSLEY, G.**, Huddersfield.—1814. A.
- WOOD, Workington.**—1811-29. L.
- WOOD, J. S.**, Blyth.
 Grandfather, mahogany case, white dial.
- WOOD, JOHN**, Liverpool.—1814-24. Q.
- WOOD, ROBERT**, Market Place, Workington.—1811-29. A.
 Commercial Directory, 1820-21.

WOOD, SAMUEL, North Street, Middlesbrough.

White's Directory, 1847.

WOOD, WILLIAM, Liverpool.—1814-24. Q.

WOODS, JOHN, Liverpool. P.

WOODWARD, CHARLES, Ryton-on-Tyne. C.

1. Long case clock, oak, 8 day, small size, extra narrow waist, brass dial. "Woodward, Ryton" on dial, back of dial is engraved with Charles Woodward.

2. Grandfather, silvered dial with brass figures in corners.

3. Grandfather, oak case, brass dial.

4. Grandfather, oak, brass dial.

WOODWARD, CHARLES, South Shields.

1. Grandfather, plain dial.

2. Grandfather, mahogany, dial has four seasons mechanism. 18th century clock.

WOOLMER, JOHN S., Whitwell, Norfolk.—1854. A.

WORSFOLD, Hampton, Wick. A.

WREIGHT, JOHN, Patington, East Riding, Yorks. B.

WRIGHT, HENRY, Patington, Yorks.—1840. A.

WRIGHT, JOHN, 32, Dean Street, Newcastle.—1827-33. A.

WRIGHT, RICHARD, Manchester.—1814-24. Q.

WRIGHT, RT., Low Street, North Walsham, Norfolk.—1854. A.

WRIGHT, WALTER, Ecclefechan.—1826. N.

WYLIE, ALEXANDER, Dumfries.—1746. N.

WYLIE, JAMES, Millgate, Thirsk. B.

White's Directory, 1840.

WYMISS, JAMES, Appleby.—1829. L.

YATES, SAMUEL, Liverpool.—1814-24. Q.

YATES & HESS, Liverpool.—1814-24. Q.

YEALE, JN., Stockton.

Grandfather, wood case, 24 hour, brass dial engraved, single hand.

YEATES, THOMAS, Penrith.—1828. A, N.

1. Grandfather, oak, flat top, enamelled dial.

2. Grandfather.

YEOMAN, Gisbrough. F.

1. Movement only, solid brass dial, one hand.

2. Grandfather, mahogany, brass face, one hand only, four spaces marked between numbers. Rope pulleys, 24 hour.

YOUNG, North Shields.

Grandfather, 8 day.

YOUNG, M., 13, Bigg Market, Newcastle.—1833-50. A.

White's Directory, 1847.

1. Grandfather, painted shepherdess scene above the dial and a lamb in each corner of same, large case 8 ft. high, and 24 ins. at the waist.

2. Grandfather, mahogany case with oak panels, registers the days of the month.

YOUNG, RT., Bigg Market, Newcastle.—1811-27. A.

YOUNG, ROLAND, 13, Bigg Market, Newcastle.—1827. A.

ZACHARIAH, HENRY, Pickering.

White's Directory, 1840.

ZIPFEL, CHARLES, Magdalen Street, Norwich.—1854. A.

ZIPFEL, MATTHEW, Oak Street, Norwich.—1854. A.