

“The Carriage Way”



International Carriage Clock Chapter #195 Founded 2013

The National Association of Watch and Clock Collectors

Volume 2017 No. 4



Frodsham No. 847 with original travel box and keys.

President's Report



Stan Boyatzis

Welcome to our final newsletter for 2017 with a special welcome to all our new members. Membership of Chapter 195 now stands at 205 and the executive continues to work hard to promote the chapter. I again encourage current members to spread the word about Chapter 195 and invite friends with an interest in carriage clocks to join. Remember, this is your newsletter so if you have any helpful hints or unusual carriage clocks you own or have seen please share these with the membership. If you have any queries about a carriage clock please do not hesitate to contact Doug or Ken. Details are at the back of the newsletter.

Discussion is well underway with the NAWCC Museum to have a carriage clock display at the Museum to coincide with the 75th National Meeting to be held in York in 2018. We are hoping to make this a highlight of the convention so members attending the Convention will also visit the display at the Museum. The NAWCC Convention Committee is also considering having a "Specialty Chapters" exhibit in the mart room to showcase the Specialty Chapters and raise member awareness. Chapter 195 will be participating in the exhibit. I will be keeping members updated as more information becomes available. Chapter 195 will also hold a face to face meeting of Chapter 195 members at the 2018 National in York.

Remember this is the 75th anniversary of NAWCC and our second face to face meeting s hope to see as many members as possible.

This month's feature article is on "An Exquisite Frodsham Portable Silver Timepiece by Tom Wotruba (USA). Tom discusses a mid-19th century, one-of-a-kind, portable timepiece of exceptional quality. This article was previously published in Clocks magazine.

Several members have requested information on how to set the calendars in carriage clocks. David LaBounty (USA) eloquently describes the setting and identifying of problems with simple calendars in carriage clocks.

In this newsletter I have also included a section on carriage clocks sold at the recent R.O. Schmitt 2017 Fall Auction. I have included estimates, condition reports, and prices realized and hope members find this useful and of interest.

Remember copies of previous newsletters, hints and a question page are included on our website.

<http://net.nawcc.org/Chapter195/Home/Chapters/Chapter195/Home.aspx>

A link to the Online Galleries website is again included. This is a useful websites to research retail prices of carriage clocks and what is currently for sale. The website is updated weekly. We are happy to include other websites that may be of interest to the membership. The Executive Committee hopes you enjoy reading the Newsletter.

Members of the Executive Committee:

Stan Boyatzis: President (Aust.) Email: carriageclocks@optusnet.com.au

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An Exquisite Frodsham Portable Silver Timepiece

By Thomas R. Wotruba (USA)

Charles Frodsham (1810-1871) was an eminent English horologist whose work involved the creation of outstanding watches, chronometers, regulators and domestic clocks. The subject of this article is a mid-19th century achievement of his that resulted in a one-of-a-kind portable timepiece of exceptional quality, No. 847. Portable clocks are sometimes called travel or carriage clocks because when moved they maintain their timekeeping function. Speculation, cited from a number of sources noted later, suggests that this little clock, shown in Figures 1a and 1b, was possibly made for the Great Exhibition held in Hyde Park, London, in 1851.



Figure 1a. Frodsham Travel Clock No. 847.



Figure 1b. Back of case of Clock No. 847.

The Case

The London hallmarked Sterling silver case is of small size, 4 ¼ inches or 108 mm. tall with the handle folded and 5 ½ inches (140 mm.) tall with the handle up, 3 ¼ inches (82 mm.) wide, and 1 ⅞ inches (48 mm.) deep. It is of rectangular form with curved shoulders to the top, plain sides, a reeded front bezel as seen in Figure 1a, and is raised on square bun feet. The plain hinged back in Figure 1b has two apertures, one for the case lock, the other, covered by a circular silver shutter, for winding the movement.

The ornate and cleverly designed folding handle on top of the case, with its flattened and shaped strap-work supports, makes the whole assembly very compact. The folding action can be observed in Figures 1a and 1b. This style of handle is very unusual. According to the Charles Frodsham archives, only one other Charles Frodsham carriage clock and two other bronze cased table clocks by the firm are recorded with a similar handle.¹

¹ Information obtained from Charles Frodsham and Co, Ltd. in correspondence with the author over the period 2000 to 2016.

The Hallmark and Casemaker's Mark

As already noted, No. 847's case is hallmarked to signify that the metal has been assayed at an authorized office and found to be of the correct legal standard. Figure 2 shows a greatly enlarged picture of the hallmark and the casemaker's mark, which are found on the outside base of the clock. The tallest part of the hallmark is about 4 mm. (5/32 inches) high while the maker's mark is approximately 1 mm. (3/64 inches) in height.



Figure 2. Hallmark and Casemaker's Mark on outside base of No. 847.

The maker's mark is seen to the left of the hallmark. It consists of three initials: IJD. This is the mark of John Joseph Dyer, a case and watch pendant maker who registered this mark with the Goldsmiths' Company on October 10, 1844.² Apparently it was not uncommon, and in fact was the norm, for gold and silversmiths with a given name beginning with J to have the first initial of their mark indicated as the letter I. No other Frodsham clocks known to date have a case made by Dyer. In fact there are very few Charles Frodsham clocks known with silver cases, the others occurring in the 20th century well after Dyer's death.³ The hallmark is comprised of four elements as illustrated on the right in Figure 2. The four parts of the hallmark are interpreted as follows: the lion on the left signifies .925 sterling which is the usual standard of silver; the uncrowned leopard's head indicates the City assay office which in this case is London. The assay offices operating in the British Isles during the 18th to the 20th Century included London, Birmingham, Chester, Dublin, Edinburgh, Glasgow, and Sheffield. The capital letter Q denotes the date, which for London is 1851; and the profile at the far right is the duty mark. A duty was imposed on silver plate and a mark showing the head of the reigning sovereign indicates that the duty was paid. During the period 1838-1890 this mark was an image of Queen Victoria.⁴ The hallmark date of 1851 is significant with respect to the Great Exhibition attribution.

² John Culme, *The Directory of Gold & Silversmiths, Jewellers, and Allied Traders 1838-1914*, Woodbridge, Suffolk: Antique Collectors' Club, 1987, vol. 2, p. 237.

³ See fn. 2 for the source of this information.

⁴ Further details on hallmarks can be found in Cecil Clutton, *Britten's Old Clocks and Watches and Their Makers*, 9th edition, London: Bloomsbury Books, 1982, pp. 655-661.

The Dial

The 2 ¼ inch (57 mm.) white enamel dial is set in a silver mask profusely and finely engraved with scrolling foliage. It has roman chapters, subsidiary seconds dial below XII, gold spade hands, and is signed in the customary fashion of the period *CHA^s FRODSHAM*. Next to the serial number 847 can be seen a series of coded letters *AD Fmsz*. This cryptogram stands for Anno Domini 1850. The 1850 results by using the letters in the name Frodsham where F=1, R=2, O=3, D=4, S=5, H=6, A=7, and M=8. Since there are only eight letters in the name Frodsham, a Z was used to indicate the number 0.⁵ A close-up of these items on the dial is seen in Figure 3. 1850 was the year Charles Frodsham introduced his new caliber watch in readiness for showing at the Great Exhibition of 1851, and this same mark of *AD Fmsz* is found on some Frodsham watches and clocks made in subsequent years.⁶



Figure 3. Close-up of dial portion showing signature.

⁵ Vaudrey Mercer, *The Frodshams: The Story of a Family of Chronometer Makers*, Antiquarian Horological Society, 1981, p. 100.

⁶ Vaudrey Mercer (fn. 5), pp. 100 and 142.

The Movement

The single train fusee and chain movement is of eight-day duration requiring approximately 27 half turns of the key to fully wind the mainspring each week. The spring detent escapement is planted on a large platform and has a free-sprung split bi-metallic compensation balance with wedge weights, a blued steel helical balance spring, and diamond endstone in a screwed-in setting.⁷ It is a timepiece only and has no striking mechanism. Figure 4 shows a top view of the escapement, and Figure 5 illustrates the side view of the movement showing the fusee and chain.



Figure 4. Top view of escapement.



Figure 5. Side view of movement showing fusee and chain.

⁷ Further information about helical balance springs, which are often used in chronometers, can be found in A. L. Rawlings, *The Science of Clocks and Watches*, New York: Pitman Publishing Corporation, 1944, pp. 166-167.

Frodsham carriage clocks with chronometer escapements are rare. The vast majority have lever escapements. For example, two with serial numbers close to that of this clock both have lever escapements. They are numbers 841 and 860, one on either side of this clock's number 847. Of the 10 Frodsham carriage clocks illustrated in the two major carriage clock books, only two have chronometer escapements while the remaining eight contain levers.⁸ Neither book has an image or mention of number 847, however.

The Frodsham signature also appears on the backplate of the clock, as shown in Figure 6 (and slightly discernible in Figure 5). It contains his full spelled-out first name and the address of 84 Strand, the location to which he moved upon his purchase of the business of John Roger Arnold which had been at that address. Figure 6 also shows that the solid rear door of the case pivots down, contains a key mechanism for locking, and shows an opening for winding the movement that is shutter protected on the outside of the door. Hand setting is accomplished by rotating the knurled button to the right of the fusee winding square and can be accessed only when the back is opened. Notice that the case handle is folded in this instance.



Figure 6. Backplate with signature and address.

⁸ The two books are Charles Allix, *Carriage Clocks: Their History and Development*, (Woodbridge, Suffolk: Antique Collectors' Club, 1974, pp. 269-272, and Derek Roberts, *Carriage and Other Travelling Clocks*, Atglen, PA: Schiffer Publishing, 1993, pp. 284-288. Clock #841 is illustrated in Allix while clock #860 is shown in both books.

The Travel Box and Keys

The final view of this clock finds it alongside its originally fitted brown leather travel box and its original keys. This is all shown in Figure 7.



Figure 7. Frodsham No. 847 with original travel box and keys.

The travel box has a front panel that can be removed and stored in the back of the box to allow a view of the dial when the clock is stored. The box has its own distinctive and original key to lock it and the inside lid contains a key compartment. Unfortunately the strap for carrying the travel box is no longer present, having worn away over its long life. The clock likewise has its original winding key, while the smaller key shown in Figure 7 is used to unlock the rear door. Fortunately the travel box and keys have remained with this clock, a situation not often typical for carriage clocks.

The Maker

Charles Frodsham was the son of William James Frodsham⁹ whose ten children included six brothers of Charles and three sisters. Charles was one of four brothers who apprenticed to their father, but he left to start his own business in 1834 and became the most prominent and successful of the Frodsham family.¹⁰ He was awarded medals in a number of international exhibitions such as the Great Exhibition of 1851 in London and the Paris Exhibition of 1855. He served as juror in others including the Great International Exhibition in 1862 in London and the Grand International Exhibition of 1867 in Paris. Charles acquired the business of John Roger Arnold at 84 Strand upon Arnold's death in 1843, and he moved his business to that address. From then until about 1857 the business became known as Arnold & Frodsham and that became the signature on many of Frodsham's watches, chronometers, and clocks. Associating his name with Arnold's was seen as a sensible move because the Arnold name was world famous in the context of chronometers.¹¹ Then when Benjamin Lewis Vulliamy died in 1854, Charles Frodsham acquired that business as well though no name change or address move occurred. In general, the major emphasis of Charles Frodsham's work involved chronometers and watches, but he and his successors produced some excellent carriage clocks.

Conclusion

As noted earlier, Charles Frodsham earned a "First Class Medal" at the Great Exhibition of 1851 in London and a gold medal at the Paris Exhibition of 1855. There is speculation in a number of sources that this clock, No. 847, was made for an exhibition and most likely for the London Exhibition of 1851. In his book on Victorian Clocks, Richard Good pictures this clock and states that "This piece was probably made for the Great Exhibition of 1851."¹² Correspondence with Charles Frodsham & Co. Ltd. who examined photographs of the clock stated "that it may well have been exhibited at the Great Exhibition in London."¹³ And a publication describing and illustrating "an astounding array of timepieces breathtaking both in their outward beauty and their ingenious science" pictured and noted that this clock "is believed to have been made for the Great Exhibition of 1851."¹⁴ Whether it was exhibited or not, this clock by Charles Frodsham is a very special piece of horology. In the words of a Charles Frodsham & Co. Ltd. director: "The silver case, glorious dial and mask, high grade movement and the original box and key make this a very rare, probably unique clock." Comments about this clock and article are welcome. Please send them to twotruba@mail.sdsu.edu.

⁹ William James Frodsham, at age 23 in the year 1801, became the partner of William Parkinson in the famous firm of Parkinson & Frodsham located at 4 Change Alley, London where it remained until 1890 after which it changed addresses until it ceased to exist in 1947. See Vaudrey Mercer (fn. 5), especially chapters 4 and 6.

¹⁰ See Vaudrey Mercer (fn. 5) for greater detail on the history of all the Frodsham family members.

¹¹ Charles Allix (fn. 8), pp. 268-269.

¹² Richard Good, *Victorian Clocks*, London: British Museum Press, 1996, p. 32.

¹³ See fn. 1 for the source of this and the subsequent quote.

¹⁴ Vitale & Vitale Ltd., *The Carriage Clock: 200 Years of Timely Allure*, 1994, p. 1

Acknowledgements

In addition to the excellent information obtained from the sources in the footnotes, the author wishes to express sincere appreciation to Richard Stenning of Charles Frodsham and Company, Ltd. for his interest, suggestions, and ideas. Much of what is in this article reflects his encouragement and contributions to the writer's learning about Charles Frodsham's life and work.

Simple Calendars in Carriage Clocks:

Setting and Identifying Problems.

By David J. LaBounty, CMC FBHI (USA)

Those who are fortunate enough to own a carriage clock with subsidiary calendar dials can often be confused in how to set them. This confusion is further muddled by the number of different styles of carriage clocks employing a variety of complications. Charles Allix shows several varieties in his book “Carriage Clocks: Their history and development” (pgs. 202 - 206). There are “Fly-Back” calendars in which the calendar hand progresses vertically downward and flies back to the top when reset at the end of the month/week. Perpetual calendars are another style in which the calendar mechanism compensates for “short months” and even leap year. However, the majority of the carriage clocks with calendars have simple indicators which step ahead once per day and merely indicate the day-of-the-week and date-of-the-month on two separate dials. **(Figure 1)** It is this style which will be discussed here.

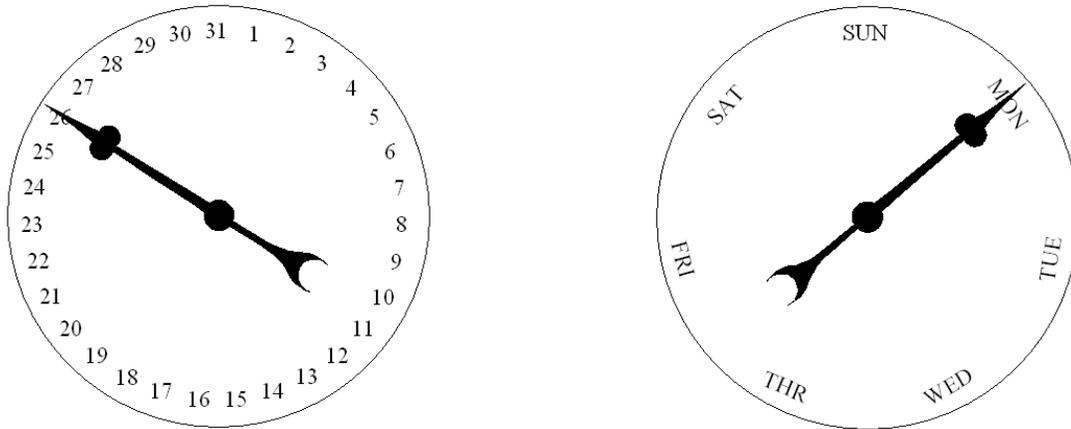


Figure1. Simple carriage clock calendar dials showing date-of-the-month and day-of-the-week.

Understanding how to set this style of calendar may best be gleaned by learning how they work. The indicator hands are each fixed to an arbor with a star wheel which is kept in place by a tension/index spring (jumper). The star wheel is advanced once per day via a pin attached to another wheel. (Figure 2).

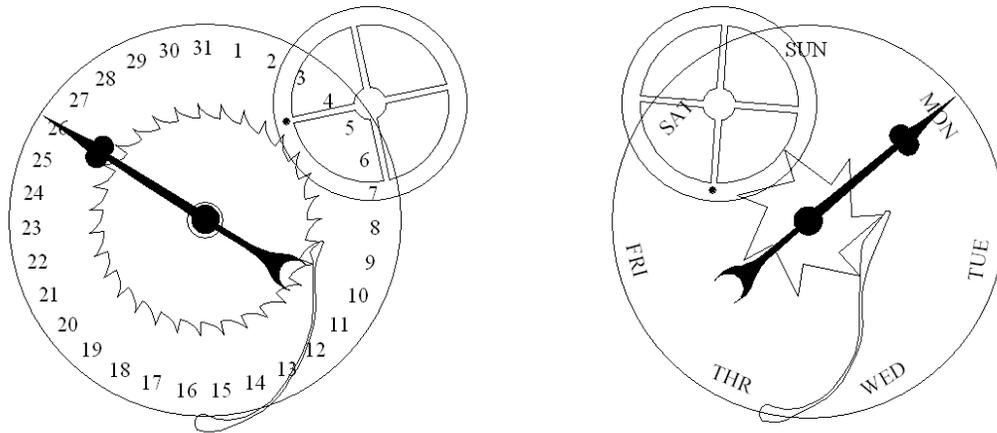


Figure 2. Calendar dials shown with under-dial work revealed. Note the tension spring with a triangular-shaped index, or jumper, which is engaged in-between two star wheel teeth. Note also the wheel with the star wheel advance pin.

When properly set up by the repairer, both hands will advance simultaneously, once per day, at or around 12:00. This is understood to be 12 midnight rather than 12 noon. Since most carriage clocks have a 12-hour dial, and no a.m. or p.m. indicator, it must be determined which “12:00” is midnight. This is done by advancing the minute hand hour by hour and observing at what point the calendar hands advance. Once that is determined, the clock may be set to time accordingly.

Setting the calendar hands is typically done from the rear of the movement using the small end of the key on the set arbors. Calendar hands, unlike alarm hands, may generally be set forwards or backwards. However, if there is a directional indicator on the movement, only rotate in the direction indicated. There will be a slight resistance when setting the hands as the star wheel teeth push the jumper out of the way. If firm resistance is met, it is because the advance pin is engaged between two star wheel teeth and damage will be caused by forcing. **(Figure 3)** This condition will occur just prior to midnight and for a short time afterward.

Therefore, it is generally safe to set calendar hands anytime between 6 a.m. and 6 p.m.

This style of calendar must have the date advanced manually at the end of the month for those months which don't have 31

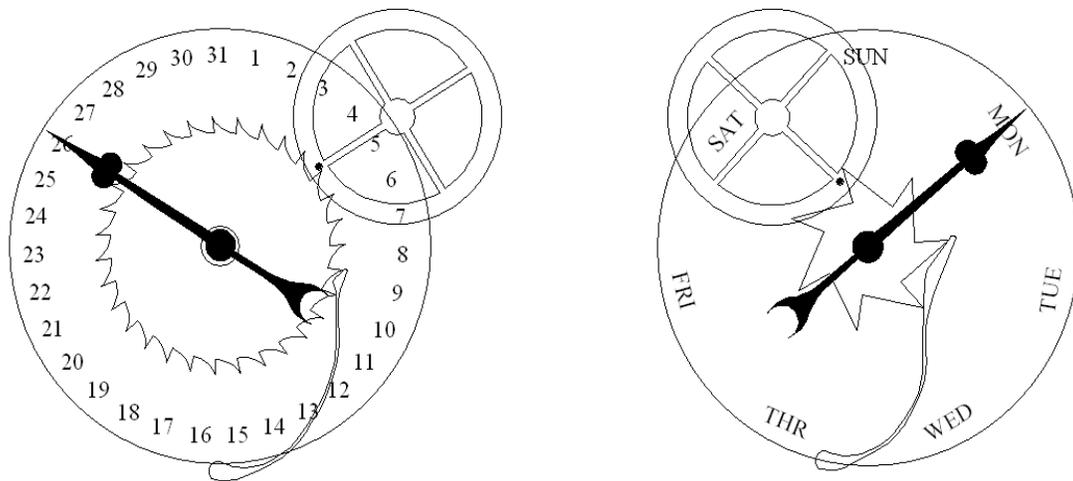


Figure 3. Calendar works shown just before advancing at midnight. Note the advance pins have engaged a tooth on both star wheels in preparation of the hands advancing. Any setting of the hands at this point will meet resistance due to the advance pin being in the way.

A day and/or date indicator which consistently comes to rest between positions (**Figure 4**), is a condition which will require some disassembly. There are several problems which could cause this, each of which must be investigated...

- The advance pin has been bent and is no longer rotating the star wheel far enough to trip the jumper.
- The star wheel pivot point has become sticky due to dry, dirty oils. (These wheels do not require oiling and are more akin to levers.)
- The jumper has developed a wear rut and is no longer able to “jump” the star wheel properly into the next position.
- The working face of the jumper has dry, dirty oil on it and is capturing the tooth of the star wheel. (The working face of these is not oiled.)
- The jumper is maladjusted and isn’t indexing the star wheel into a position which allows the advance pin to rotate the wheel slightly more than one tooth.
- The jumper doesn’t have enough tension to properly index the star wheel.

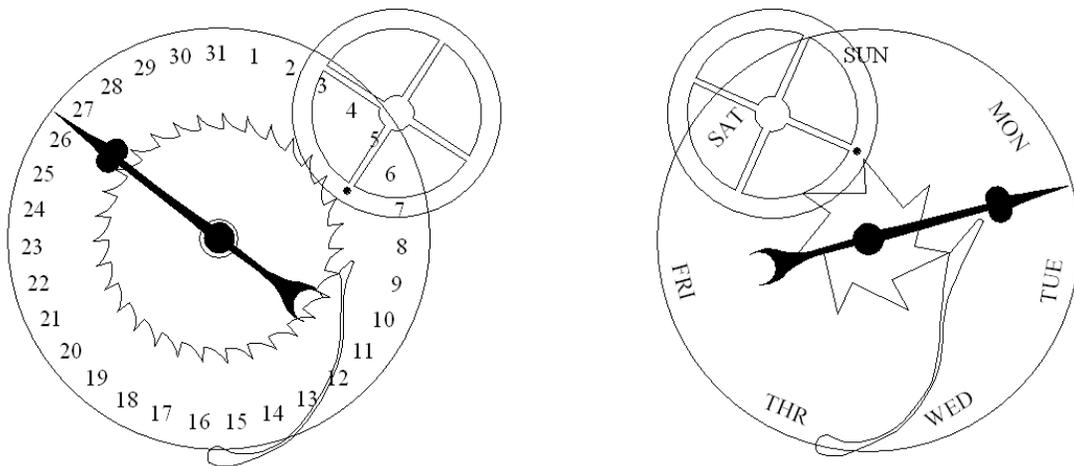


Figure 4. A calendar hand which consistently comes to rest in-between two positions is an indication of a problem(s) which need correcting.

Another indication of a problem is a hand which consistently jumps two positions. Areas to investigate are...

- The advance pin is bent causing the star wheel to advance two teeth rather than just over one tooth.

- The jumper is holding the star wheel in a position where the advance pin is rotating the star wheel two teeth.

The jumper is a critical component of this style of calendar indicator. The sliding surface should be polished to a mirror-like finish and care must be taken to shape it to the proper angle. The tension of the jumper against the star wheel must be just enough to ensure the star wheel snaps into position but not so heavy that it risks stopping the clock. And the position at which the jumper holds the star wheel is integral to the proper advancing of the calendar hand.

**Carriage Clocks sold at the recent R.O. Schmitt Fall 2017 Auction on
Saturday/Sunday 21st/22nd October.**

This is reproduced from the R.O.Schmitt Fall 2017 Catalog.

Lot 853.

Attributed to Drocourt, Paris, a rare and extremely decorative giant carriage clock in the rococo style, the gilt case replete with scrolls, foliate ornament, and putti, and set with eight gilt and polychrome enamel porcelain plaques featuring garden scenes and frolicking amorini, each on a deep blue field with gilt, foliate border, the Roman numeral dial with blued steel hands, case back with sliding glass panel to allow access for winding and setting, 8 day time, strike, and alarm movement with lever platform, repeating the last hour on demand, gong base marked "A.D." within an oval, serial #29268

Estimate: \$12,000.00 - \$15,000.00

Realized Price: \$8,500.00

Condition Report: Case dirty, and with minor verdigris, gilding with minor losses and polish residue, some case components loose, porcelain panels very good, top panel with crazing and minor losses to gilding, hands good, rear glass with crack at top, scratches, and chips at lower left and right, running and striking correctly, rod attached to repeat button too short, will not release strike train, repeating is functional, alarm functional, hammer needs adjustment. Our attribution is based on the fact that a number of these clocks are known bearing Drocourt's mark; the A.D. mark on the gong base may be that of Alfred Drocourt. See "A Century of Fine Carriage Clocks", by Fanelli, page 92, and "Carriage Clocks" by Allix and Bonnert, page 161, for illustrations of identical examples by this maker.



Lot 854.

France or Switzerland, a rare, early, petit sonnerie striking carriage clock with alarm and travel case, signed Breguet, gilt, glazed, one piece case with molded base, Roman numeral silvered dial with blued steel Breguet style hands, subsidiary alarm chapter, and engraved "Breguet, a Paris", 8 day, time and strike movement with both trains driven by a single barrel, striking the last quarter in passing, and with grand sonnerie repeating on blued, wire gongs, the polished steel strikework mounted to the back plate, and also bearing a silvered plate engraved "Breguet", duplex platform escapement, with two piece steel escape wheel and brass balance, and with alarm striking on a bell in the base, contained in its original wooden, gilt stamped leather covered case with gilt hardware

Estimate: \$8,000.00 - \$12,000.00

Realized Price: \$3,500.00

Condition Report: Case with minor losses to gilding, rear upper molding lacking gilding, glasses good, dial with minor scratches and scuffing, hour and minute hands good, alarm hand replaced, movement with minor scratches and tarnish, running, striking, and repeating correctly, travel case dirty, with scuffing and minor losses to covering, lining with wear and minor losses, joint separation at bottom.



Lot 855.

Klaftenberger, Paris, a fine, gorge cased, grand sonnerie carriage clock, the glazed, gilt case with foliate engraving and chasing, Roman numeral white enamel dial with blued steel hands, and with gilt mask, engraved to match the case, 8 day time, strike, and alarm movement with lever platform, sounding grand or petit quarters, and repeating the last hour and quarter on demand, with script "AB" stamp inside plates, and also with the mark of Henri Jacot.

Estimate: \$6,000.00 - \$8,000.00

Realized Price: \$5,900.00

Condition Report: Gilding restored, glasses good, dial, hands and mask very good, dial signature with minor losses, movement with staining, runs, and repeats correctly, with the striking set to quarters only strikes full grand sonnerie at third quarter. This clock bears the marks of three of the 19th century's finest makers and retailers of high quality carriage clocks, and documents business relationships between individual firms at the high end of the carriage clock trade. The name of Klaftenberger is well known as a retailer of fine clocks, and Henri Jacot is known as one of the best finishers. The "AB" inside the plates is believed to be that of Alfred Baveux, who is known to have supplied "blancks roulants" to Jacot foOr finishing.



Lot 856.

Thomas Cole, for C.F. Hancock, London, a decorative strut timepiece, the gilt case with fine engraved ornament, Roman numeral engraved and silvered dial with retailers signature below 6:00, the dial with fretted and engraved gilt mask and blued steel fleur de lis hands, 8 day timepiece movement with lever escapement and polished steel balance, signed "Thomas Cole London", serial #1644

Estimate: \$6,000.00 - \$8,000.00

Realized Price: \$4,600.00

Condition Report: Case good, with minor dirt and marks, case back with depression at setting square, and added set knob, bezel screws replaced, dial with discoloration and poor restoration to figures and silvering, hands very good, movement with minor staining, running. Charles Frederick Hancock was a partner with the firm of Hunt and Roskell between 1843- 49, prior to establishing business under his own name. Hancock was one of Cole's most important retailers, and many examples of his work bear the Hancock name.



Lot 857.

France, a giant carriage timepiece of 60 day duration, gilt Corniche case with bevelled glasses, Arabic numeral white enamel dial with matte, silvered mask, blued steel Breguet style hands, brass, long duration movement with large lever platform

Estimate: \$5,000.00 - \$6,000.00

Realized Price: \$3,000.00

Condition Report: Case regilded, dirty, minor scratches, front glass with loss at lower left, dial, mask, and hands very good, movement polished and lacquered, running.



Lot 858.

France, for Theodore B. Starr, New York, a large, decorative carriage clock with polychrome enamel decoration and grand sonnerie striking, the Anglaise variant case set with beveled glasses and gilt, porcelain panels, each decorated with flying and perching birds among flowering vines and branches, the dial with Roman numeral white enamel chapter, on a decorative panel matching the case sides, blued steel distaff hands, 8 day time, strike, and alarm movement with lever platform, sounding grand or petit quarters in passing, and repeating the last hour and quarter on demand, serial #1330

Estimate: \$5,000.00 - \$7,000.00

Realized Price: \$4,800.00

Condition Report: Case refinished and with coat of lacquer, left side panel with small chip at lower right, front panel with crazing, movement and platform with minor staining, regulator repaired, gongs with minor oxide, running, striking, and repeating correctly, alarm functional.



Lot 859.

France, an unusual hour repeating carriage clock with engraving representing the Basilisk myth, the gilt and patinated silver brass case with southeast Asian influence, engraved in high relief, and depicting many different animals and birds among intertwined foliate elements, the folding handle with image of the Basilisk consuming a bird, case sides and front with the beast attacking a large cat, the back with a seated, contemplative individual, Roman numeral silver dial with mask matching the case, blued steel distaff hands, 8 day time, strike, and alarm movement with lever platform, repeating the last hour on demand

Estimate: \$4,000.00 - \$6,000.00

Realized Price: \$3,200.00 (N/S)

Condition Report: Case with losses to gilt and silvered surfaces, front glass with loss at lower left, minute hand repaired, movement with minor staining, running, striking and repeating correctly, alarm will function with minor adjustment, gong with specks of oxide. A small group of clocks with similar decoration survive, though no two are identical. One example illustrates scenes from "Gullivers Travels", and is illustrated in "A Century of Fine Carriage Clocks" by Fanelli, pages 62 & 63. Two others were sold with the Antelis collection, Christies, South Kensington, 11/26/98, lots 152 & 153. The clock is the focus of an article in the February, 2006 issue of the NAWCC bulletin, by Richard Perlman. The cases for these clocks may have been made in British Burma or Malaya, for domestic consumption.



Lot 860.

France, a large and extremely decorative carriage clock with grand sonnerie striking, unusual gilt Anglaise variant case with twist columns having Corinthian capitals and turned bases, the molded base and cornice with bowed sides and conforming beveled glasses, top with twist ornamented handle matching the columns, red guilloché enamel dial with convex chapter and gilt Arabic numerals, ornate pierced and chased, gilt dial mask with lily of the valley ornament, gold hands, 8 day time, strike, and alarm movement with lever platform and cut bimetallic balance, sounding grand or petit quarters in passing, and repeating the last hour and quarter on demand, serial #1304, with original leather bound box and key.

Estimate: \$3,500.00 - \$4,500.00

Realized Price: \$3,600.00

Condition Report: Case cleaned and lacquered, right glass with small chip at lower right, dial with short hairline at 12:00, alarm chapter numerals with losses, mask very good, hands good, movement with minor tarnish, running, striking, and repeating correctly, alarm functional, gongs lacking blue and with oxide, case with scuffing and significant losses to leather, handle missing, catch for top not working



Lot 861.

Margaine, Paris, a miniature, champleve enamel decorated carriage timepiece, mignonette #1 size gilt Gorge case, the front and sides with brightly colored Arabesque ornament on a cream ground, with engraved, gilt foliage, the dial with white enamel chapter and Roman numerals, and indistinct signature, blued steel hands, 8 day movement with lever platform, bearing Margaine's trade mark on the back plate, at lower right, and also signed Margaine between the plates

Estimate: \$3,500.00 - \$4,500.00

Realized Price: \$2,500.00 (N/S)

Condition Report: minor marks and scratches, top glass with tiny chip at rear left, numerals and minute markers repainted, movement with minor marks and scratches, regulator with minor oxide, balance endstone setting with incorrect jewel and missing one screw, running



Lot 862.

Drocourt, Paris, for Hamann & Koch, New York, an impressive, Gorge cased, grand sonnerie striking giant carriage clock, the massive gilt case with bevelled glasses, the top glass with engine turned mask with an oval aperture for viewing the escapement, Roman numeral white enamel dial also with gilt, engine turned mask, blued steel spade hands, 8 day time, strike, and alarm movement with large lever platform and cut, bimetallic balance, sounding grand or petit quarters in passing, and repeating the last hour and quarter on demand, the front plate marked "H.L.", gong bases marked "F.D." within an oval, serial #1813

Estimate: \$3,000.00 - \$4,000.00

Realized Price: \$3,800.00

Condition Report: case very good, with minor losses to gilding, rear glass with chips at lower left and right, repeat button replaced, dial with a few faint hairlines, masks good, movement with staining, running, striking, and repeating correctly, alarm mainspring broken, hammers with repairs, gongs with minor oxide, alarm bell repaired, low balance amplitude, striking sluggish, needs service. The Drocourt firm produced some of the finest and most decorative carriage clocks for high end retailers; Hamman & Koch, established in 1861, were importers of French clocks and bronzes, Dutch hall clocks, and dealt in fine watches and jewelry. For many years, the H.L. mark was thought to have been that of Henry Lemaile. Recent research by Leigh Extence has reattributed the mark to Holingue Freres, suppliers of blancs to Drocourt and others. research into the Jacot and Drocourt firms can be found at www.extence.co.uk.



Lot 863.

England, a very decorative miniature carriage timepiece, the gilt case with expertly engraved foliate ornament, the corners with reeded columns, surmounted by chased and engraved finials, the top with acanthus decorated handle, Roman numeral silvered dial with engraved center and gilt, engraved mask, blued steel Breguet style hands, 8 day timepiece movement with lever escapement, and spring barrel fixed to the front plate

Estimate: \$3,000.00 - \$4,000.00

Realized Price: \$2,600.00 (N/S)

Condition Report: Case with minor dings and scratches, minor verdigris on case top, chip at left side of glass, dial with minor scratches, movement with minor scratches and staining, running. The case, though unsigned, bears a striking resemblance to documented examples by the maker L. Lange.



Lot 864.

France, hour repeating carriage clock in the form of a sedan chair, the gilt and silvered brass case with faux repousse rococo style ornament, case sides with well executed portraits of a young woman within pink guilloche and polychrome enamel frames, the top with scrolled brackets supporting a fleur de lis finial, Roman numeral gilt metal dial, also with pink guilloche and polychrome enamel surround, the dial above a small, painted garden scene, blued steel hands, 8 day, time and strike movement with lever platform, counting the hours on a gong, and repeating the last hour on demand

Estimate: \$3,000.00 - \$4,000.00

Realized Price: \$2,700.00

Condition Report: Dirty, silvered surfaces tarnished, losses to silver and gilt finishes, pink enamel with minor hairlines and discoloration, oval garden scene with repaired split, beveled glass with minor chips at lower right, dial and hands good, running, striking and repeating correctly. A very nice example, in unrestored condition.



Lot 865.

Switzerland, a Pendule d'Officier style travel clock, the dovetailed wooden case with underpainted horn veneer, gilt brass gallery with turned finials, cyma curved arms supporting a molded tassel below an Ouroboros form handle, gilt waterleaf cornice, gilt beaded and molded base on turned feet, and gilt rope molding framing lattice panels on sides and back, gilt bezel with convex glass, Arabic numeral white enamel dial, original pierced and engraved gilt hands, movement of two to three day duration, with Sully variant two plane escapement, with time, grand sonnerie strike on demand, and alarm functions, the strike and alarm trains wound by cords

Estimate: \$3,000.00 - \$5,000.00

Realized Price: \$1,100.00

Condition Report: veneer with splits, losses to veneer on case back, gilding with losses, glass with minor scratches, dial with small chip at winding arbor, hands very good, right side fret with minor loss, rear fret replaced, right rear foot replaced, running and striking correctly, alarm functional.



Lot 866.

Aubert & Klaftenberger, London, a fine, small, week going English carriage timepiece, the gilt case with foliate engraving, the corners with chased, leaf decorated columns, and signed "L. Lange", Roman numeral silvered dial, the center also with engraving matching the case, blue steel Breguet style hands, and 8 day, 6 pillar fusee movement with lever escapement, serial #1061.

Estimate: \$2,000.00 - \$3,000.00

Realized Price: \$2,600.00

Condition Report: Case with minor losses to gilding, one finial replaced, dial with minor tarnish, numerals with some fading, hands good, movement with minor scratches, marks and stains, some screws with marred slots, running. The partnership of Aubert & Klaftenberger was created in 1835 by the union of two watch retailers, C.J. Klaftenberger of London, and D.F. Aubert of Geneva. The firm was a favorite of Prince Albert and Queen Victoria, who often ordered clocks and watches to be presented as gifts. The company also exhibited work at the Crystal Palace Exhibition of 1851, showing complicated watches, a half seconds beating regulator with remontoire, as well as pocket and marine chronometers. While many high quality French carriage clocks bearing the name of the firm are known, English made examples are rare. The case maker L. Lange is known for his high quality work, for both French and English makers. See Roberts, "Carriage and other Travelling Clocks", page 348, for a nearly identical Lange case.



Lot 867.

Ed. Chartier, Paris, for Tiffany & Co., New York, a fine gilt bronze and sienna marble carriage clock in the neoclassical style, the case set with five stone panels, within leaf molded surrounds having anthemion corners, the front with Roman numeral white enamel dial and gilt hands, above horn of plenty and lyre ornament, the case sides set with a single, dancing muse, and the top with carrying handle of bowknot and trailing ribbon form, with central laurel wreath, 8 day time, strike, and alarm movement with lever platform, repeating the last hour on demand, serial #12837, case and movement signed by Chartier

Estimate: \$2,000.00 - \$3,000.00

Realized Price: \$1,500.00

Condition Report: Very good overall, front panel with crack at 3:00, dial a bit dirty, hands good, ticks, strikes, and repeats, alarm working, would benefit from service. This clock is strikingly similar to examples produced for Breguet by Chartier; a comparative study of this clock and those for made Breguet is featured in the NAWCC bulletin, April 2008, by Richard Perlman.



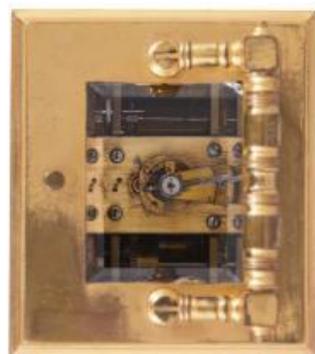
Lot 868.

France, for the English market, a fine Pillars style repeating carriage clock with porcelain panels by Lucien Simonnet, the gilt case with stepped, molded base, the corners with fluted columns and Corinthian capitals supporting the molded cornice, the folding handle with turned ornament, case sides set with signed, polychrome enamel scenes depicting colorfully dressed young women in a garden, the Roman numeral dial surrounded by a landscape scene with castle ruins and floral garlands, blued steel distaff hands, 8 day time, strike, and alarm movement with lever platform, and repeating the last hour on demand, serial #2277

Estimate: \$2,000.00 - \$3,000.00

Realized Price: \$2,600.00

Condition Report: original gilding with losses, left side panel with minor chips at upper left, dial panel with chip at upper right, top glass with chips, running, striking, and repeating correctly, alarm functional. Lucien Simonnet (1849- 1926) studied painting under Jules Lefebvre and Gustave Boulanger, at the Ecole des Beaux- Arts, Paris. He later worked painting porcelain at Sevres, during which time the panels for this clock were produced. The painting on the front panel is reminiscent of his oil on canvas "A Castle Ruin at Dusk", sold at Christies, London in 2007.



Lot 869.

Breguet, Paris, a 3/4 size striking carriage clock, glazed brass Gorge case, white enamel dial with blue Roman numerals on a gray ground, with gold, Arabic numeral, outer five minute markers, blued steel Breguet style hands, and with engine turned, gilt mask, the top glass also backed with a matching, engine turned plate with oval aperture for viewing the escapement, 8 day, two train movement with lever platform and cut bimetallic balance, striking the hour and half hour on a bell, serial #1316

Estimate: \$1,800.00 - \$2,500.00

Realized Price: \$2,200.00

Condition Report: case polished and lacquered, with minor spotting and corrosion, a few dings, dial with minor scratches, movement with minor scratches and staining, one movement pillar with burr raised to adjust endshake, regulator with specks of oxide, running and striking correctly, would benefit from service. Correspondence between the consignor and Emmanuel Breguet is included with this clock, and states in part "This Breguet No. 1316 ... is perfectly genuine; completed in 1871, sold on November 8, 1871, to Mr. Acosta, for the sum of 400 Ffr. During 30 years, the clock is regularly serviced by Breguet Paris (6 times), and the owner is still the "Docteur Acosta, 24 rue du Luxembourg, a Paris". In addition to the Breguet signature, the movement bears the stamp "H.L.", and the platform is marked "J.S." with elongated, octagonal border, and is also marked "Soldano" on the underside. For many years, the H.L. mark was thought to have been that of Henry Lemaile. Recent research by Leigh Extence has reattributed the mark to Hologue Freres, suppliers of blancs to Drocourt and others. research into the Jacot and Drocourt firms can be found at www.extence.co.uk.



Lot 870.

France, for Joseph Hartmann, Berlin, a giant carriage clock, gilt Anglaise Riche variant case with bevelled glasses, Arabic numeral white enamel dial with gilt mask, blued steel hands, 8 day, time and strike movement with lever platform, cut bimetallic balance with gold timing screws, and counting the hours on a gong

Estimate: \$1,600.00 - \$2,000.00

Realized Price: \$0 (N/S)

Condition Report: Case with losses to gilding, dirty, top with minor scratches, ding, and spotting, left glass with losses at lower right, dial and hands good, movement dirty, oily, running and striking correctly.



Lot 871.

France, for Tiffany & Co., a Pillars style, petit sonnerie striking carriage clock with repeat, the glazed, gilt case with bright and matte surfaces, the base and cornice with cavetto and egg and dart moldings, the corners with acanthus decorated columns, and carrying handle also with foliate ornament, Arabic numeral white enamel dial with fretted, matte gilt foliate mask against a bright gilt background, blued steel distaff hands, 8 day time, strike, and alarm movement with lever platform, sounding petit sonnerie quarters in passing, with grand sonnerie repeating on demand, the base with strike/ silent lever

Estimate: \$1,600.00 - \$2,000.00

Realized Price: \$2,100.00

Condition Report: Case dirty and with losses to gilding, a few minor stains and specks of verdigris, glasses good, dial and mask good, minor losses to signature, minute hand repaired, movement running, striking, and repeating correctly, alarm functional.



Lot 872.

France, for Tiffany & Co., New York, a rare five minute repeating carriage clock, glazed Corniche case, signed Roman numeral white enamel dial, blued steel hands, 8 day, time and strike movement with lever platform and cut bimetallic balance, counting the hours in passing, and repeating the last hour and five minute interval on demand, together with its leather covered wooden travel case

Estimate: \$1,600.00 - \$2,200.00

Realized Price: \$750.00

Condition Report: Case with minor tarnish, right glass with corner chip, lower left, dial and hands good, running, striking and repeating correctly, travel case with significant losses to leather covering, handle missing. See lot 890 for another five minute repeating carriage clock, employing two pushers, and sounding on a single gong.



Lot 873.

France, a large and unusual hour repeating carriage clock, the glazed, gilt case with stepped base, corners with twisted, beaded columns, the top with carrying handle of the same design as the columns, smaller twist and bead silvered bands above base and below cornice, Arabic numeral white enamel dials decorated with floral garlands and with double gilt mask, the outer portion fretted and engraved, the inner matted, gold fleur de lis hands, 8 day time, strike, and alarm movement with lever platform and cut bimetallic balance, serial #133

Estimate: \$1,500.00 - \$2,000.00

Realized Price: \$2,000.00

Condition Report: Case a bit dirty, otherwise very good, rear glass with chip at upper and lower right, dials and masks very good, hands good, movement with minor staining, running, striking, and repeating correctly, out of beat, alarm functional.



Lot 874.

Margaine, Paris, for J.E. Caldwell, Philadelphia, a large and decorative striking carriage clock, the gilt Gorge variant case set with beveled glasses, engine turned silvered dial mask surrounding the time and alarm displays, each with gilt decorated black ground, and with convex, white, egg shaped reserves for the red Roman and Arabic numerals, gold spade and poker hands, 8 day time, strike and alarm movement with lever platform, repeating the last hour on demand, the back plate with Margaine's mark, serial #5295

Estimate: \$1,500.00 - \$2,000.00

Realized Price: \$1,100.00

Condition Report: Gilding restored, rear glass with chip, upper right, dial with minor hairlines at top, mask good, movement with staining, running striking and repeating correctly, alarm functional



Lot 875.

France, a large, Anglaise cased carriage clock with grand sonnerie striking, the glazed, gilt case with molded top and base, the corners with fluted pilasters, Arabic numeral white enamel dial with gilt center and mask, blued steel distaff hands, 8 day time, strike, and alarm movement with lever platform, sounding grand or petit quarters in passing, and repeating the last hour and quarter on demand

Estimate: \$1,400.00 - \$1,800.00

Realized Price: \$900.00

Condition Report: Case polished and lacquered, glasses good, mask with a few small spots and minor discoloration, dial and hands very good, movement with minor staining, gongs with oxidation, running, striking, and repeating, strikes grand sonnerie at first quarter when set to petit, alarm not functional.



Lot 876.

France, attributed to Jules, earlier "one piece" carriage clock, time and strike on a bell with hour repeat, the case lightly engraved, 8 day.

Estimate: \$1,400.00 - \$1,800.00

Realized Price: \$700.00

Condition Report: Retains original "two plane" Jules style platform with ratchet cut scape wheel [similar to club tooth]. The porcelain dial has no chips nor lines, however there is abrasion below 6, where a signature has been effaced, possibly that of Jules a' Paris. One unexplained item on this case is the presence of 4 small holes in the top bars, possibly drilled to allow a bit more volume from the delicate bell. Note early travel clocks often had a knurled knob on the time set, so the winding key is only single ended.



Lot 877.

Lorenzo D. Warren, Portland, Maine, 8 day carriage clock with unusual chronometer escapement, glazed brass case, Roman numeral brass dial with seconds at 12:00, blued steel hands, signed, brass timepiece with pivoted detent escapement of unconventional design, brass balance with helical spring and long staff, the roller receiving impulse from a crown wheel, and with unlocking effected by a pin at the lower end of the balance staff, edge of front plate marked "Finished Jan. 2d, 1872"

Estimate: \$1,400.00 - \$1,800.00

Realized Price: \$425.00

Condition Report: Case dirty, with tarnish and minor staining, one screw for attaching rear panel missing, dial and hands good, movement with dirt and tarnish, running. Little biographical information is available for Lorenzo Warren; on page 113 of "Warren; a genealogy of the descendants of James Warren who was in Kittery, Maine, 1652-1656", we find the following: June 12, 1836; d. at Worcester, Mass., Apr. 6, 1900. Lorenzo, when a boy, learned the watchmaker's trade and jewelry business at Portland, Me., which he continued until 1888, when he retired from business.



Lot 878.

Drocourt, for Tiffany, Reed & Cie, Paris, a Gorge cased, hour repeating carriage clock with cold painted enamel ornament, gilt case with floral engraving and mauve accents, Roman numeral white enamel dial with engraved, gilt mask, also enhanced with mauve colored cold enamel, blued steel Breguet style hands, 8 day time, strike, and alarm movement with lever platform, repeating the last hour on demand, the back plate with the mark of Drocourt, serial #11150

Estimate: \$1,200.00 - \$1,500.00

Realized Price: \$1,300.00

Condition Report: Gilding and enamel restored on exterior of case, glasses good, dial good, minor losses to signature, dial mask with minor restoration to enamel, movement with staining, some steel with minor oxide, gong with minor oxide, alarm hammer with repair, runs, strikes, and repeats correctly, alarm functional.



Lot 879.

France, Carriage Clock, Grand Sonnerie, and repeat, with alarm, in a gilt gorce case, serial 5581, 8 day, lever escapement silvered platform escapement, case with cream colored dials, top dial signed J. E. Caldwell & Co. against a gilt mask, Philadelphia- Paris.

Estimate: \$1,200.00 - \$1,800.00

Realized Price: \$1,300.00

Condition Report: overall excellent condition, the movement engraved at top J. E. CALDWELL, PHILADELPHIA. Perfect dials are mounted to a frosty gilt dial mask. Nicely pierced original hands. Some silvering is worn from the high quality original platform, which has a Breguet style over coil balance spring and with fully cut bi-metallic balance. See this escapement pictured in C. Allix, p.116, plate V.17. Three position lever in base for Silent, Quarters or Full Quarters and Hours. Height shown with handle up.



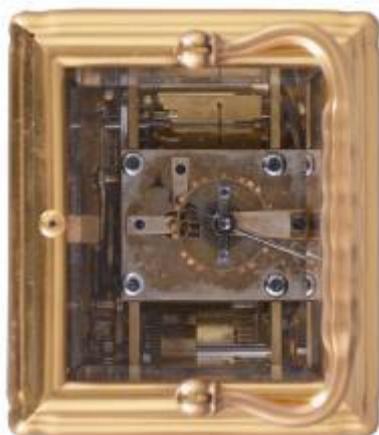
Lot 880.

Leroy & Fils, Paris, a good, Gorge cased hour repeating carriage clock with alarm, gilt, glazed case with carrying handle, signed Roman numeral white enamel dial, bearing the firms addresses in Paris and London, blued steel Breguet style hands, 8 day time, strike and alarm movement with lever platform, and repeating the last hour on demand, the back plate marked "Repassee par Leroy & Fils Palais Royal 13 & 15, Paris", and also with the mark of Drocourt, serial #8909

Estimate: \$1,200.00 - \$1,500.00

Realized Price: \$950.00

Condition Report: very good overall, glasses good, dial with a few minor scratches and minor losses to signature, minute hand with minor bend, movement runs, strikes and repeats correctly, alarm functional. In addition to the various marks visible on the back plate of the movement, the Drocourt mark appears inside the back plate, and also the initials "H.L." on the front plate. For many years, the H.L. mark was thought to have been that of Henry Lemaile. Recent research by Leigh Extence has reattributed the mark to Holingue Freres, suppliers of blancs to Drocourt and others. research into the Jacot and Drocourt firms can be found at www.extence.co.uk.



Lot 881.

Margaine, Paris, a 3/4 size, Gorge cased hour repeating carriage clock with original outer box, gilt case with beveled glasses, Arabic numeral white enamel dial with gilt, engine turned mask, blued steel hands, 8 day time, strike and alarm movement with lever platform and cut bimetallic balance, repeating the last hour on demand, the back plate with Margaine's mark, serial #19946, with original leather bound travel case, and key

Estimate: \$1,200.00 - \$1,500.00

Realized Price: \$1,200.00

Condition Report: acquer losses resulting in some dulling in affected areas, front glass with small chip at lower left, dial with a few minor scratches, mask good, minute hand replaced, movement with minor staining, running, striking, and repeating correctly, alarm functional, balance rim bent, box with scuffs and minor losses, handle missing, glass replaced and with rough upper edge, blind missing



Lot 882.

Adolph Ulich, Vienna, quarter repeating miniature carriage clock, rectilinear, gilt brass case on turned feet, the front and sides with foliate engraving, Roman numeral silvered dial, also engraved with floral decoration, blued steel Breguet style hands, round, 30 hour verge fusee movement with blued steel gongs, repeating the last hour and quarter on demand

Estimate: \$1,000.00 - \$1,500.00

Realized Price: \$800.00

Condition Report: gilding very good, dial with minor scratches and tarnish, painted figures with minor losses and touch up, hands with minor marring and bends, movement dirty, gummy, will run and strike, needs service and adjustment. The back side of the dial bears the scratched signature of Adolph Ulich, a Vienna watchmaker, active between 1833 and 1858.



Lot 883.

Austria, quarter repeating miniature carriage clock, the rectilinear, gilt brass case on turned feet, front and sides with foliate engraving, carrying handle folding flush with the case top, Roman numeral silvered dial, with engraving matching the case, blued steel hands, round, 30 hour verge fusee movement with blued steel gongs, repeating the last hour and quarter on demand, together with its original leather covered, wooden travel case

Estimate: \$1,000.00 - \$1,500.00

Realized Price: \$600.00

Condition Report: Case with minor dings and scratches, dial with minor scratches and tarnish, hands with a few specks of oxide, movement complete, not running, good staff, balance rim bent, coqueret screw blocking balance arm, not striking, needs service and adjustment, travel case with minor wear and losses



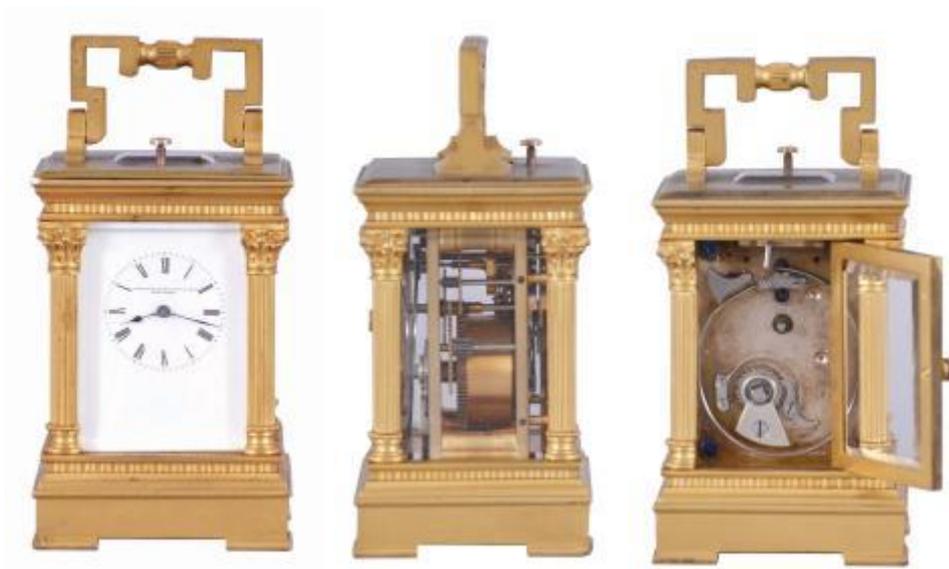
Lot 884.

L.Tissot & Cie., Switzerland, for Chester Billings & Son, New York, miniature hour repeating carriage clock, the gilt, glazed Anglaise Riche style case in mignonette #3 size, Roman numeral white enamel dial, blued steel hands, gilt 8 day movement with lever platform and cut bimetallic balance, repeating the hours on demand, with Tissot logo at lower left, back plate, serial #54093

Estimate: \$1,000.00 - \$1,500.00

Realized Price: \$550.00

Condition Report: Top dirty and with losses to gilding, left front foot and left upper corner with minor deformation, handle with staining and minor bend, rear glass with tiny chip, lower right, dial with repair at upper left, movement dirty, ticks briefly, ratchet with broken teeth, gong with minor bends, repeating functions correctly.



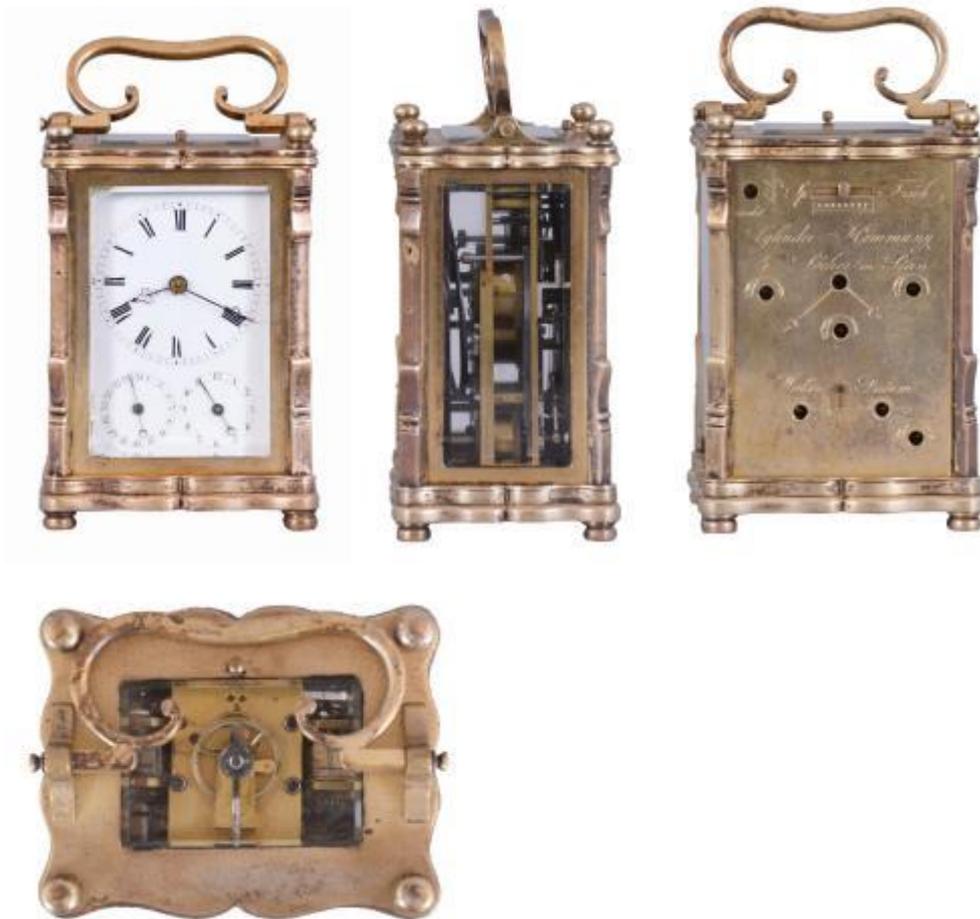
Lot 885.

Austria, an unusual three train carriage clock with Viennese striking, date, and alarm, gilt case with corbelled pilasters, top and base with cupids bow molded edges, case back with shuttered apertures for winding and setting, Roman numeral white enamel dial with date and alarm chapters, blued steel trefoil hands, 30 hour time, strike, and alarm movement with cylinder platform, grand sonnerie striking, and repeating the last hour and quarter on demand

Estimate: \$800.00 - \$1,200.00

Realized Price: \$650.00

Condition Report: Case with tarnish and discoloration, glasses with corner chips, dial with minor scratches and small chips at center arbor, minute hand replaced, running, striking, and repeating, sometimes sounding incorrect quarters, alarm functional, hammer not hitting bell, needs adjustment.



Lot 886.

Bench made carriage clock with chronometer escapement and astronomical dial, ebonized, glazed mahogany case, silvered dial with separate chapters for hours, minutes, and seconds, blued steel hands, 8 day timepiece movement with chronometer platform, cut bimetallic balance with rim riveted to balance arm, and Earnshaw spring detent escapement

Estimate: \$800.00 - \$1,200.00

Realized Price: \$600.00

Condition Report: case front with surface losses, dirty, dial with minor discoloration, minute and seconds hands painted black, movement dirty and with fingerprint staining, running, balance spring out of flat.



Lot 887.

Drocourt, for Henry Capt. Geneva, a large, oval cased, hour repeating carriage clock, the glazed case with molded top and base, Roman numeral white enamel dial, blued steel Breguet style hands, 8 day time, strike and alarm movement with lever platform, repeating the last hour on demand, the back plate with Drocourt's mark, and also "Henry Capt Geneve" serial #14498

Estimate: \$800.00 - \$1,200.00

Realized Price: \$1,900.00

Condition Report: Case polished and with a coat of lacquer, dial with specks of dirt, otherwise very good, hands good, alarm hand with oxide, movement with minor staining, platform with minor discoloration, running, striking, and repeating correctly, alarm functional.



Lot 888.

England, a miniature rosewood bracket form fusee timepiece, the glazed, architectural case with footed, molded base supporting a bombe surface the upper, rectilinear portion with cavetto cornice molding, Roman numeral silvered dial with blued spade and whip hands, the door with matching, silvered liner, 8 day, brass timepiece movement with recoil escapement, and brass pendulum with tie down for transport

Estimate: \$800.00 - \$1,200.00

Realized Price: \$1,700.00

Condition Report: Feet reattached to case, old finish in very good condition, minor losses to veneer on back door, good glasses, dial very good, hands replaced, and with minor bends, door liner with minor tarnish, movement plates with minor tarnish, running.



Lot 889.

France, for Bailey, Banks & Biddle Co., Philadelphia, a very decorative striking carriage clock with original travel case, the gilt case with green onyx panels, top and base with gilt fret, the frets, handle and bezel set with brilliants, Arabic numeral white enamel dial with polychrome enamel floral garlands, gilt Louis XV style hands, 8 day, time and strike movement with lever platform counting the hours in passing, together with its original leather covered travel case and key

Estimate: \$800.00 - \$1,200.00

Realized Price: \$3,000.00

Condition Report: gilding with losses, front panel repaired, handle mounting studs replaced, dial with minor losses to signature, otherwise very good, hands good, movement running and striking correctly, platform replaced, travel case with scuffing and minor losses, handle missing.



Lot 890.

France, an unusual, five minute repeating carriage clock with single gong, gilt Corniche case with bevelled glasses, Roman numeral white enamel dial, blued steel distaff hands, 8 day, time and strike movement with lever platform, counting the hours in passing, repeating the hours when activated by top pusher, and repeating the last five minute interval through the pusher at case back

Estimate: \$750.00 - \$1,000.00

Realized Price: \$425.00

Condition Report: Case dirty and lacking gilding, glasses good, dial and hands good, movement running, striking, and repeating correctly, gong abraded and with minor oxide, an unusual clock. Because this clock has a single gong, the hour and five minute functions are activated by separate pushers, otherwise the hour and five minute interval would be indistinguishable. See lot 872 for another five minute repeating carriage clock, employing one pusher, and sounding on two gongs.



Lot 891.

Jules Desjardin, France, carriage clock, time, strike, repeat & alarm, in a two-tone round column case, with round white dials behind a frosted gilt mask with the Arabic numerals separated by gold stars at the half hour positions. 18462

Estimate: \$750.00 - \$1,000.00

Realized Price: \$300.00

Condition Report: This clock was restored around 20 years ago, with bright nickel plating on the flats & handle center, and gold plating on the rounded surfaces. There is minor oxidation present on the nickel surfaces. The movement is clean & strikes on a gong, and with original lever platform intact. Note balance staff is intact, but balance has over-banked and is currently immobile.



Lot 892.

Drocourt, Paris, for Henry Capt, Geneva, a Cannelee cased hour repeating carriage clock, glazed, gilt case with molded top and base, signed Roman numeral white enamel dial, blued steel Breguet style hands, 8 day time, strike, and alarm movement with lever platform, repeating the last hour on demand, the back plate with Drocourt's mark, serial #10018

Estimate: \$700.00 - \$1,000.00

Realized Price: \$550.00

Condition Report: A bit dirty, gilding restored, right side glass with chip at lower right, left glass with chip at lower left, dial with minor scratches, movement with staining, gong with a few spots of oxide, running, striking, and repeating correctly, alarm not functional.



Lot 893.

Margaine, Paris, for Henry Capt, Geneva, a Cannelee cased hour repeating carriage clock, glazed, gilt case with molded top and base, signed Roman numeral white enamel dial, blued steel spade and poker hands, 8 day time, strike, and alarm movement with lever platform, repeating the last hour on demand, the back plate with Margaines mark

Estimate: \$600.00 - \$900.00

Realized Price: \$300.00

Condition Report: Case surface a bit dirty, abraded and with a coat of lacquer, front glass with minor chip at lower right, dial with hairline at lower right, otherwise good, minor losses to signature, minute hand with minor bends and losses to blue, movement with minor staining, gong with minor oxide, running, striking, and repeating, cannon pinion incorrectly oriented, causing hour snail to advance at half hour, and so repeats incorrectly following the half hour, time barrel with repairs, alarm functional.



Lot 894.

France, for H. Arnold, Budapest, a miniature carriage timepiece with alarm, mignonette #1 size Obis case with bevelled glasses, Arabic numeral white enamel dial, blued steel hands, 8 day brass movement with lever platform, the alarm sounding on a coiled gong concealed in the base

Estimate: \$400.00 - \$600.00

Realized Price: \$225.00

Condition Report: Case with minor spotting and tarnish, front glass with tiny chip at lower right, rear glass with surface flakes at upper right, dial with hairlines and repaired fracture at top, movement with minor marks and scratches, running, low balance amplitude, alarm functional, alarm hand needs to be synchronized with time hands, needs service.



Lot 895.

France, striking carriage clock with hour repeat, Corniche case with beveled glass panels, Arabic numeral white enamel dial, blued steel distaff hands, 8 day time, strike and alarm movement with lever platform and cut bimetallic balance, repeating the last hour on demand, with partial travel case

Estimate: \$400.00 - \$600.00

Realized Price: \$200.00

Condition Report: Case with tarnish, polish residue, and minor spotting, glasses good, dial with hairlines at upper left, hands with specks of oxide, movement running and striking correctly, cannon pinion incorrectly oriented, causing repeat of the next hour following the half hour, platform and top glass very oily, balance with low amplitude, needs service, travel case missing top and handle



Lot 896.

France, a miniature carriage timepiece with enamel panels and travel case, gilt case with carrying handle, the sides and back with polychrome enamel decorated copper panels, the dial with teal blue enamel ground, and decorated with polychrome birds and foliage, gilt Roman numeral chapter ring with fancy gilt hands, 8 day timepiece movement with lever platform, with original leather covered wooden travel case

Estimate: \$200.00 - \$300.00

Realized Price: \$500.00

Condition Report: Gilding dirty and with wear, front glass with chips, left panel with cracks and losses, right side panel missing, rear panel cracked, dial with chip at upper right movement dirty, running, travel case with losses, travel case dimensions listed.



Lot 897.

Boston Clock Co., Boston, Mass., 8 day, time and strike tandem-wind carriage clock with balance platform mounted vertically on the back plate, serial #D367.

Estimate: \$250.00 - \$350.00

Realized Price: \$200.00

Condition Report: Gilding dirty, front glass with chip at top, dial with hairline and filled at three corners, movement runs and strikes, would benefit from service.



Do you own a carriage clock?

If so, you may have questions about your clock.

Such as - - - -

1. When was it made and by whom if it is not signed by a maker.

Many carriage clocks are marked by retailers, such as “Tiffany”. Many times the maker is not identified. However the maker can often be identified by the construction style and other tell-tell signs found on the movement.

2. Should I clean the case, or not?
3. And the greatest question of all, what is its value.

This is the hardest question to answer because of the many variables, such as condition of movement and case, the name and standing of the clockmaker, & the quality and rarity of the clock. We are not licensed appraisers. We can only advise you where to look for comparable clocks so you can make your own "best guess" as to the actual value, always remembering the oldest approach to a value is "Willing Buyer, Willing Seller".

Members of our chapter have many years of experience collecting, researching and restoring carriage clocks. Many are willing to help you answer some of these questions.

This free service is for NAWCC members only.

Email questions and pictures of your carriage clock (one clock at a time, please) to:

Ken Hogwood: (USA) kenhogwood@aol.com

Doug Minty: (Australia) dminty@optusnet.com.au

Link to the Online Galleries website:

www.onlinegalleries.com/art-and-antiques/antique-clocks/carriage-clocks

Link to the 1stdibs website:

<https://www.1stdibs.com/furniture/more-furniture-collectibles/clocks/?q=carriage+clock>

Link to the Invaluable website:

[http://www.invaluable.com/catalog/searchLots.cfm?scp=u&wa=carriage%20clock&shw=50&ho
useletter=A&ord=0&ad=ASC&img=1&ns=1&olf=1&row=51](http://www.invaluable.com/catalog/searchLots.cfm?scp=u&wa=carriage%20clock&shw=50&ho
useletter=A&ord=0&ad=ASC&img=1&ns=1&olf=1&row=51)