

N^o 15,285



A. D. 1896

Date of Application, 10th July, 1896

Complete Specification Left, 12th Apr., 1897—Accepted, 5th June, 1897

PROVISIONAL SPECIFICATION.

A Registering Money-box.

I, MOSES KOHNSTAM, of Fuerth, in the Kingdom of Bavaria, and 24, Milton Street, in the City of London, Merchant, do hereby declare the nature of this invention to be as follows :—

5 My invention relates to a money-box constructed in the form of a clock and designed to automatically indicate or register on a dial or dials the amount of money placed therein, it being understood that each box must be adapted for a coin of a certain denomination.

10 In a suitable arrangement for carrying out my invention, beneath the money slit of the box which is made of the required size to allow of the coins to pass, say pennies; I arrange a spring flap one end of the pivot of which is cranked and carries a pawl taking into the teeth of a ratchet wheel on the end of the arbor of which is a hand or pointer moving over a dial on the front of the box so that as each penny is placed in the box the wheel is moved one tooth and with it the hand over one division of the twelve divisions with which the dial is marked, thereby indicating that one penny has been placed in the box and so on for each penny. When twelve pence have been placed in the box the said ratchet wheel moves another ratchet wheel one tooth and operates a small hand over what may be termed a seconds dial thereby registering one shilling and so on.

15 A door having a lock is provided to allow of the money being taken out of the box

20 Dated this 10th day of July 1896.

G. F. REDFERN & Co.,
4, South Street, Finsbury, London, Agents for the Applicant.

COMPLETE SPECIFICATION.

A Registering Money-box.

25 I, MOSES KOHNSTAM, of Fuerth, in the Kingdom of Bavaria, and 24, Milton Street, in the City of London, Merchant, do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement :—

30 My invention relates to a money-box constructed in the form of a clock and designed to automatically indicate or register on a dial or dials the amount of money placed therein, it being understood that each box must be adapted for a coin of a certain denomination.

35 In a suitable arrangement for carrying out my invention, beneath the money slit of the box which is made of the required size to allow the coins to pass, say pennies, I arrange a spring sliding pawl (or a spring flap one end of the pivot of which is cranked and carries a pawl) taking into the teeth of a ratchet wheel on the end of the

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Kohnstam's Registering Money-box.

arbor of which is a hand or pointer moving over a dial on the front of the box so that as each penny is placed in the box the wheel is moved one tooth and with it the hand over one division of the twelve divisions with which the dial is marked, thereby indicating that one penny has been placed in the box and so on for each penny. When twelve pence have been placed in the box the said ratchet wheel moves another ratchet wheel one tooth and operates a small hand over what may be termed a seconds dial thereby registering one shilling and so on.

A door having a lock is provided to allow of the money being taken out of the box.

To enable my invention to be fully understood I will describe the same by reference to the accompanying drawings, in which:—

Figure 1 is a front elevation; and,

Figure 2 a longitudinal section of a registering money-box constructed according to my invention in which the coins operate a spring sliding pawl:

Figure 3 is a section on the line 3—3 of Figure 2:

Figure 4 is a similar view to Figure 2 but shewing the arrangement in which the coins operate a spring flap in connection with the pawl; and,

Figure 5 is a section on the line 5—5 of Figure 4.

Similar letters in all the figures indicate similar or corresponding parts.

a is the money-box provided with a money slit *b* in the top and with a hinged door *c* at the bottom, secured by a lock *d*, to allow the money to be taken out of the box. *e* is the dial on the front of the box *a*, marked with twelve divisions, and *f* is the hand or pointer moving over one division of the said dial each time a coin is placed in the box; *g* is the small or seconds dial and *h* is the hand moving over one division of the same for every twelve coins placed in the box. *i* is the ratchet wheel, the arbor *j* of which carries the large hand *f*, and *k* is the ratchet wheel, the arbor *l* of which carries the small hand *h*, the said wheel *k* being moved forward one tooth for each complete revolution of the wheel *i* by means of a pin *m* on the face of the latter taking into the teeth of the wheel *k*; *n* and *o* are springs for preventing the backward rotation of the wheels *i* and *k* respectively; *p* is the case or frame of the mechanism.

q, Figures 2 and 3, is the spring sliding pawl for operating the ratchet mechanism through the medium of the coins placed in the box, such pawl being formed of a plate having lugs *r* sliding in slots *s* in the case or frame *p* and a curved portion *r*¹ projecting underneath the money slit *b*, and upon which the coins must press before they can pass into the box; *t* is the spring of the pawl *q* for raising the pawl after it is relieved from the pressure of the coin such spring being secured to the pawl *q* and to the case or frame *p*.

When a coin, say a penny, indicated by dotted lines at *u* is placed in the box *a* it presses down the pawl *q* and thereby turns the ratchet wheel *i* one tooth and consequently moves the large hand *f* one division on the dial. When twelve pennies have been placed in the box the ratchet wheel *i* and hand *f* will have completed one revolution and the ratchet wheel *k* will revolve to the extent of one tooth and the small hand *h* will move over one division of its dial thereby indicating that one shilling has been deposited in the box and so on up to twelve shillings.

The arrangement shewn in Figures 4 and 5 is similar to that hereinbefore described with reference to Figures 1, 2 and 3 except that instead of a spring sliding pawl I employ a spring flap *v*, the pivot *w* of which is cranked at *x* and carries the pawl *q* for operating the ratchet wheel *i*, the free end of the flap *v* being located underneath the money slit *b* so that when a coin *u* is inserted in the said slit it will depress the said flap before passing into the box *a* and thereby actuate the pawl *q*, ratchet wheel *i* and large hand or pointer *f*.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. The combination and arrangement of parts forming a registering money-box, substantially as hereinbefore described and illustrated in the accompanying drawings.

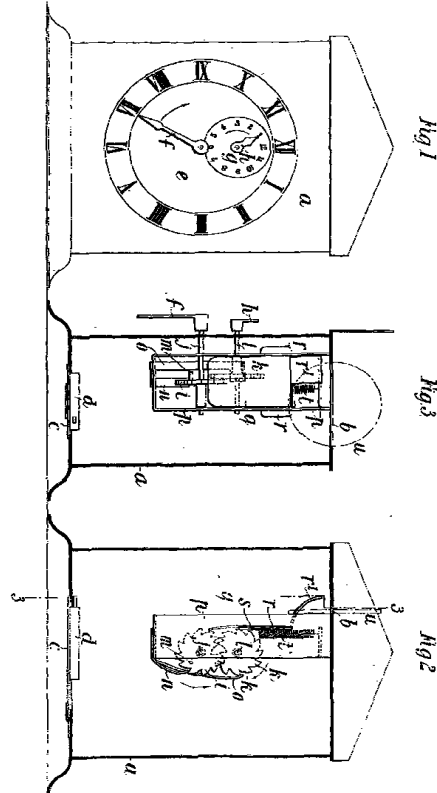
Kohnstam's Registering Money-box.

2. The manufacture and use of the improved registering money boxes hereinbefore described and illustrated in Figures 1 to 3 and in Figures 4 and 5 respectively of the accompanying drawings.

Dated this 12th day of April 1897.

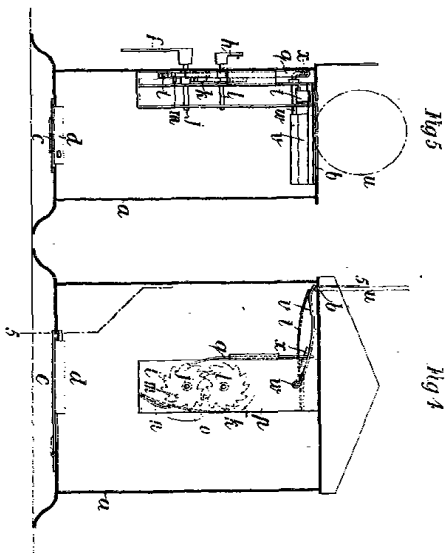
5 G. F. REDFERN & Co.,
4, South Street, Finsbury, London, Agents for the Applicant.

[This Drawing is a reproduction of the Original and is not to be scaled.]



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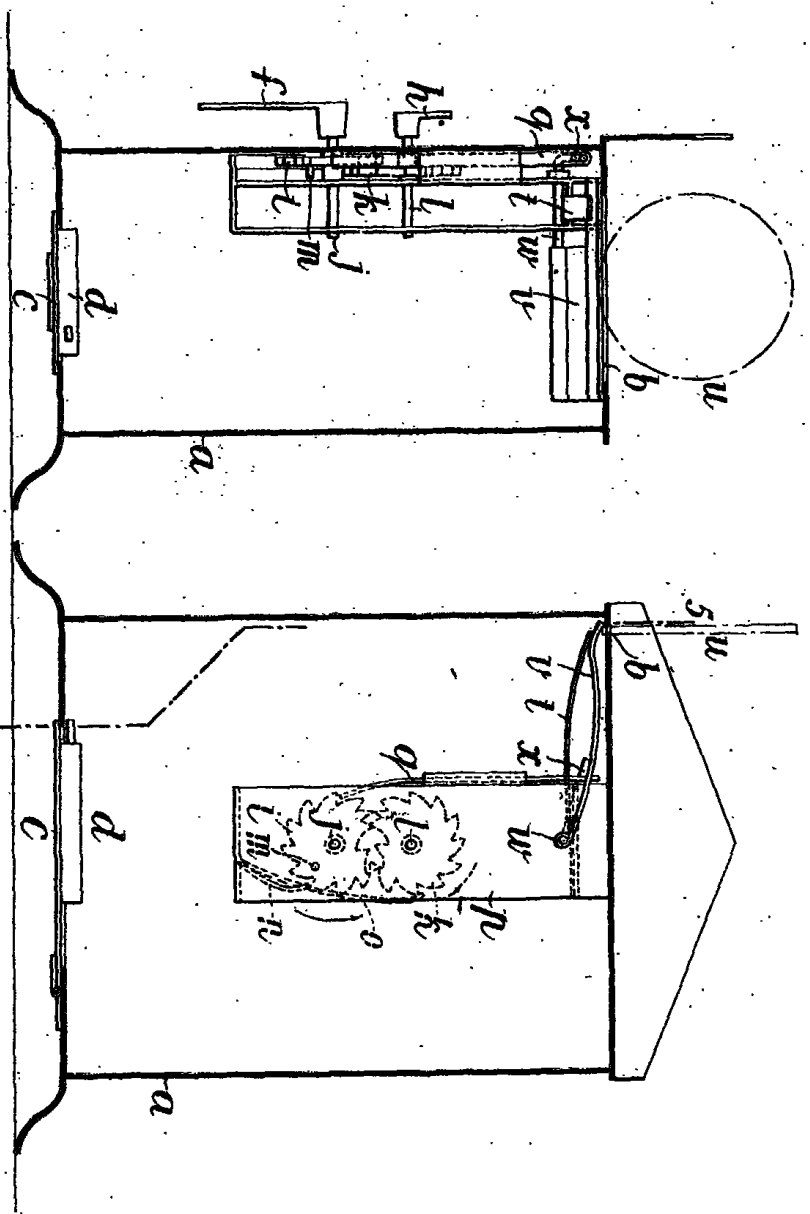


Fig 5.

Fig 1.

[This Drawing is a reproduction of the Original on a reduced scale.]

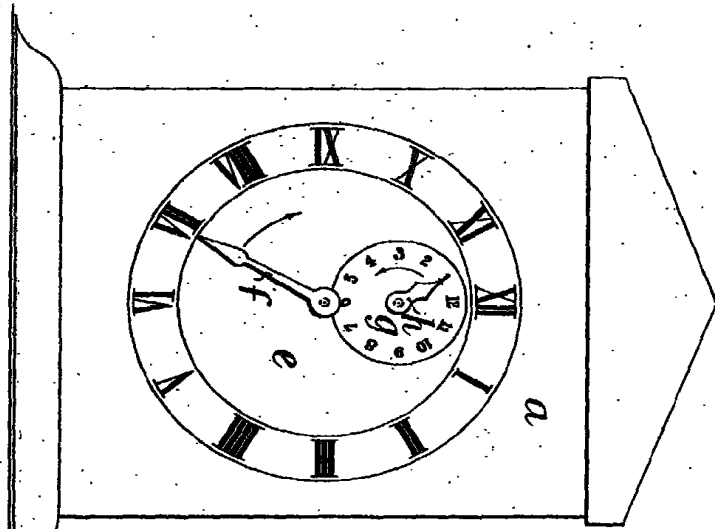


Fig 1

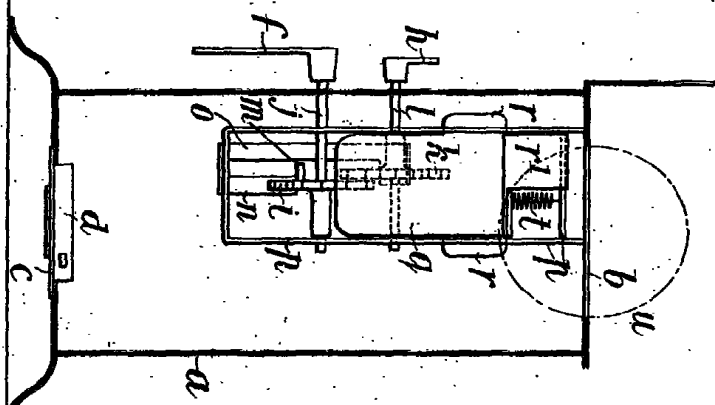


Fig 3

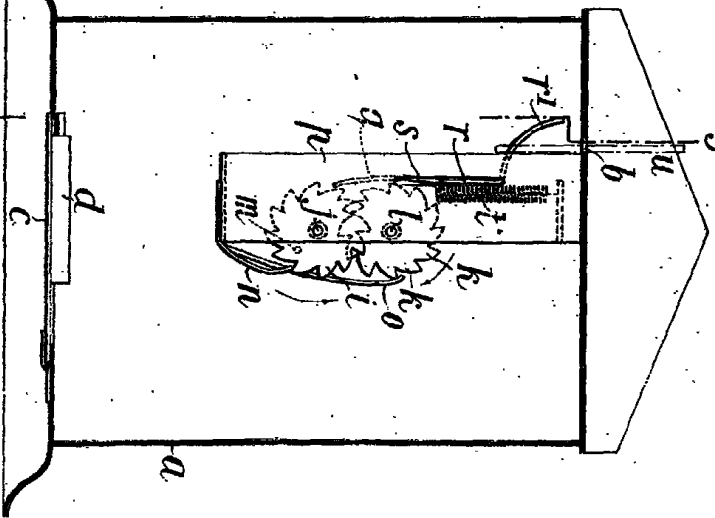


Fig 2

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