

(No Model.)

3 Sheets—Sheet 1.

P. EVERITT.

APPARATUS FOR AUTOMATICALLY CLOSING RECEPTACLES FOR COINS, &c.

No. 382,696.

Patented May 15, 1888.

Fig. 1.

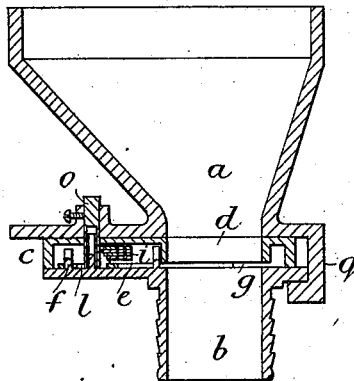
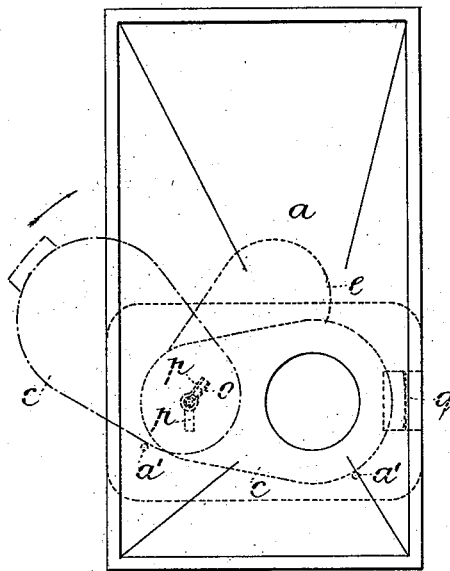


Fig. 2.



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Fig. 3.

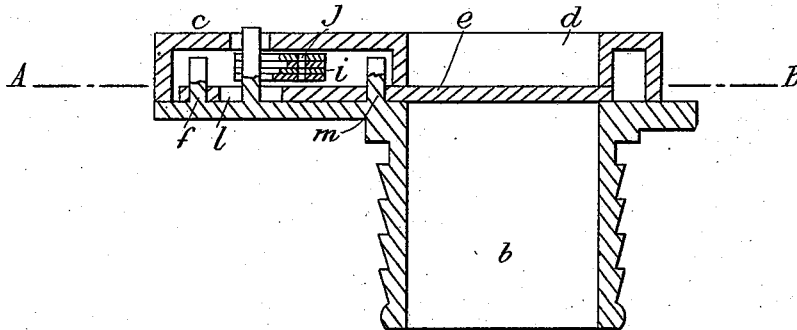


Fig. 4.

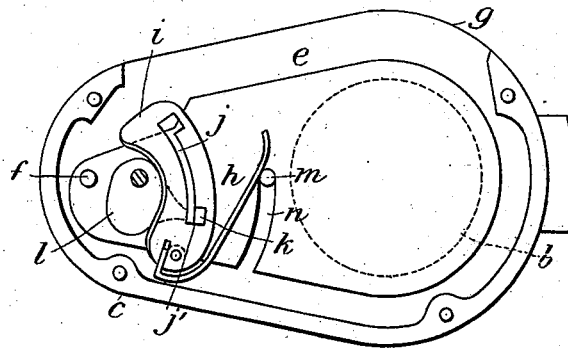
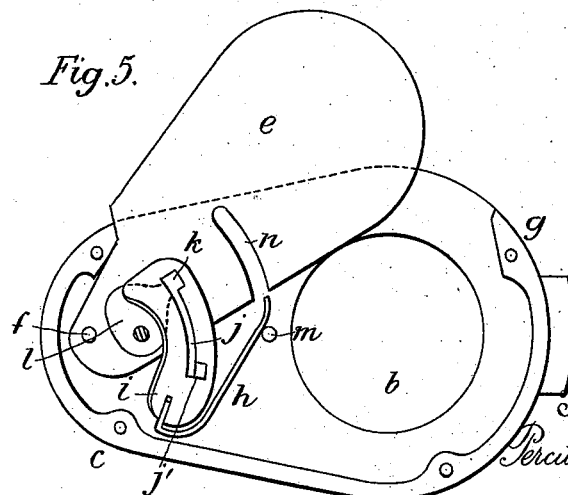


Fig. 5.



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Fig. 6.

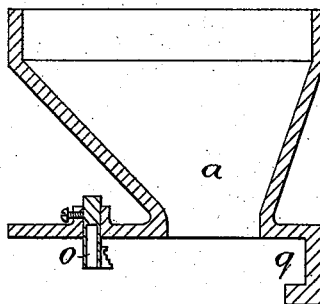
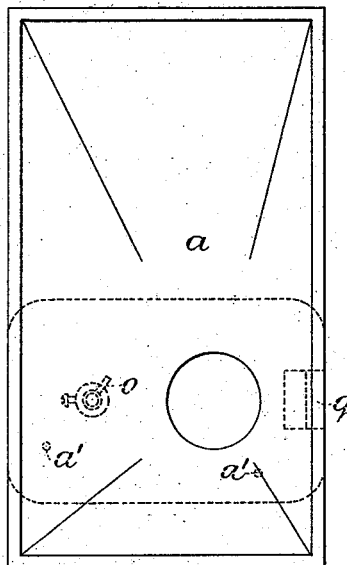


Fig. 8.



Fig. 7.



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UNITED STATES PATENT OFFICE.

PERCIVAL EVERITT, OF LONDON, ENGLAND.

APPARATUS FOR AUTOMATICALLY CLOSING RECEPTACLES FOR COINS, &c.

SPECIFICATION forming part of Letters Patent No. 382,696, dated May 15, 1888.

Application filed December 27, 1886. Serial No. 222,633. (No model.) Patented in Germany June 12, 1886, No. 38,318.

To all whom it may concern:

Be it known that I, PERCIVAL EVERITT, a subject of the Queen of Great Britain, residing at London, England, have invented a new and useful Improved Lock or Apparatus for Automatically Closing Receptacles for Coins and other Articles, (for which I have obtained a patent in Germany, No. 38,318, dated June 12, 1886,) of which the following is a specification.

This invention relates to an improved lock or apparatus for automatically closing and locking bags, tills, and other receptacles for coin, letters, or other articles when the said receptacles are removed for the purpose of being emptied, and for automatically opening the said receptacles when they are replaced.

To the mouth or opening of the bag or other receptacle I adapt the frame of the lock, the said frame having an opening through which the coins or other articles pass to the bag or other receptacle. This opening is closed and uncovered by a tongue piece, bolt, or flap, which works within the lock. The said tongue-piece, bolt, or flap is so placed and arranged that when the bag or receptacle is placed in position a fixed key opens the said tongue-piece, bolt, or flap, and when the bag or other receptacle is removed, the said tongue-piece, bolt, or flap is closed and locked.

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

Figure 1 is a vertical section showing a lock or apparatus constructed according to my invention for automatically closing receptacles for coin or other articles applied to part of a weighing-machine such as that for which Letters Patent were granted to me, dated February 9, 1886, No. 336,042, in its open position. Fig. 2 is a plan of devices shown in Fig. 1. Fig. 3 is a vertical section of the locking device and mouth or opening of the bag when the same have just been removed from the machine, the said device being consequently closed. Fig. 4 is a horizontal section on line A B of Fig. 3. Fig. 5 is a similar view to Fig. 4, but showing the locking device and mouth of the bag open. Fig. 6 is a vertical section, and Fig. 7 a plan, of the portion of the machine to which the bag is attached, showing

the fixed key thereon. Fig. 8 is a view of the loose key for opening the bag.

Similar letters in all the figures represent similar parts.

In the drawings, *a* represents the portion of the weighing-machine to which the bag to receive the money is to be applied.

b is the usual metal mouth or opening of the bag.

c is the frame of the lock, which I adapt to the said mouth *b*.

d is the opening in the said frame through which the coins pass into the bag.

e is the tongue-piece, bolt, or flap, which is pivoted at *f* to the frame *c*, within which frame the said tongue-piece, bolt, or flap *e* works through the slot *g* in the side of the frame *c*.

h is a lock mechanism of any suitable construction. The tumblers *i* of the lock mechanism are slotted at *j*, and in the said slots works the pin or bolt *k*, fixed on the flap *e*.

l is a slot-hole in the flap *e* for the bit of the key to work against.

m is a pin over which moves a slot, *n*, in the flap *e*, for the purpose of limiting the inward movement of the flap.

o is the fixed key on the bottom part of the weighing-machine.

When the lock is fastened, the flap *e* is in the position shown in Figs. 3 and 4—that is to say, the metal mouth or opening *b* of the bag is covered and is retained in its closed position by the pin or bolt *k* and recess or enlargement *j'* of the slot *j*.

To apply the bag to the weighing apparatus, the key-hole *p* (shown in dotted lines in Fig. 2) is passed over the fixed key *o*, Figs. 6 and 7, and the apparatus or device being then turned in the direction of the arrow, Fig. 2, the bit of the key will move the tumblers *i* so that the pin or bolt *k* will be free of the recess *j'*, and the flap *e* will then be turned by the key into the position shown in Figs. 1, 2, and 5, thereby opening or uncovering the mouth *b* of the bag, and the parts will be locked in this position. Pins *a'* (shown in dotted lines in Figs. 2 and 7) on the weighing-machine limit the turning of the bag and lock-frame, and the bracket *q* helps to hold it in position. When the bag is to be removed, it is turned in the opposite direction to that hereinbefore

described, and the reverse operation will take place—that is to say, the flap *e* will be turned so as to cover the mouth *b* of the bag, which can then be withdrawn from the fixed key *o*, and the flap *e* will be securely locked over the mouth of the bag, as shown in Figs. 3 and 4. The bag can then be opened by a separate key—such as is shown at *s* in Fig. 8—and the contents of the bag removed. The flap *e* must then be closed and locked by the key, Fig. 8, and the bag will be again ready to be placed in the apparatus.

Although I have described my invention as applied to an automatic weighing machine, it will be obvious that it can be applied to many other uses, as will be well understood without further description.

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. A mouth-piece for a bag or other receptacle, provided with a frame having a slot in

its side, combined with a lock, and a tongue or flap having a key-slot and pivoted to said frame and co-operating with the slot therein, substantially as set forth.

2. The mouth-piece *b* and frame *c*, provided with a slot in its side, combined with a lock whose tumblers are slotted at *j*, and a tongue or flap pivoted to frame *c* and provided with a key-slot and with a pin or bolt, *k*, substantially as set forth.

3. A hopper or like device, *a*, provided with a fixed key, *o*, in combination with mouth-piece *b*, slotted frame *c*, and a pivoted tongue and a lock, substantially as set forth.

4. The hopper *a*, provided with a fixed key and with a bracket and pins *q a'*, in combination with a mouth-piece, slotted frame *c*, and pivoted tongue *e*, and a lock, substantially as set forth.

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