

M. G. Imbach,

Hasp Lock.

N^o 83,500.

Patented Oct. 27, 1868.

Fig. 1.

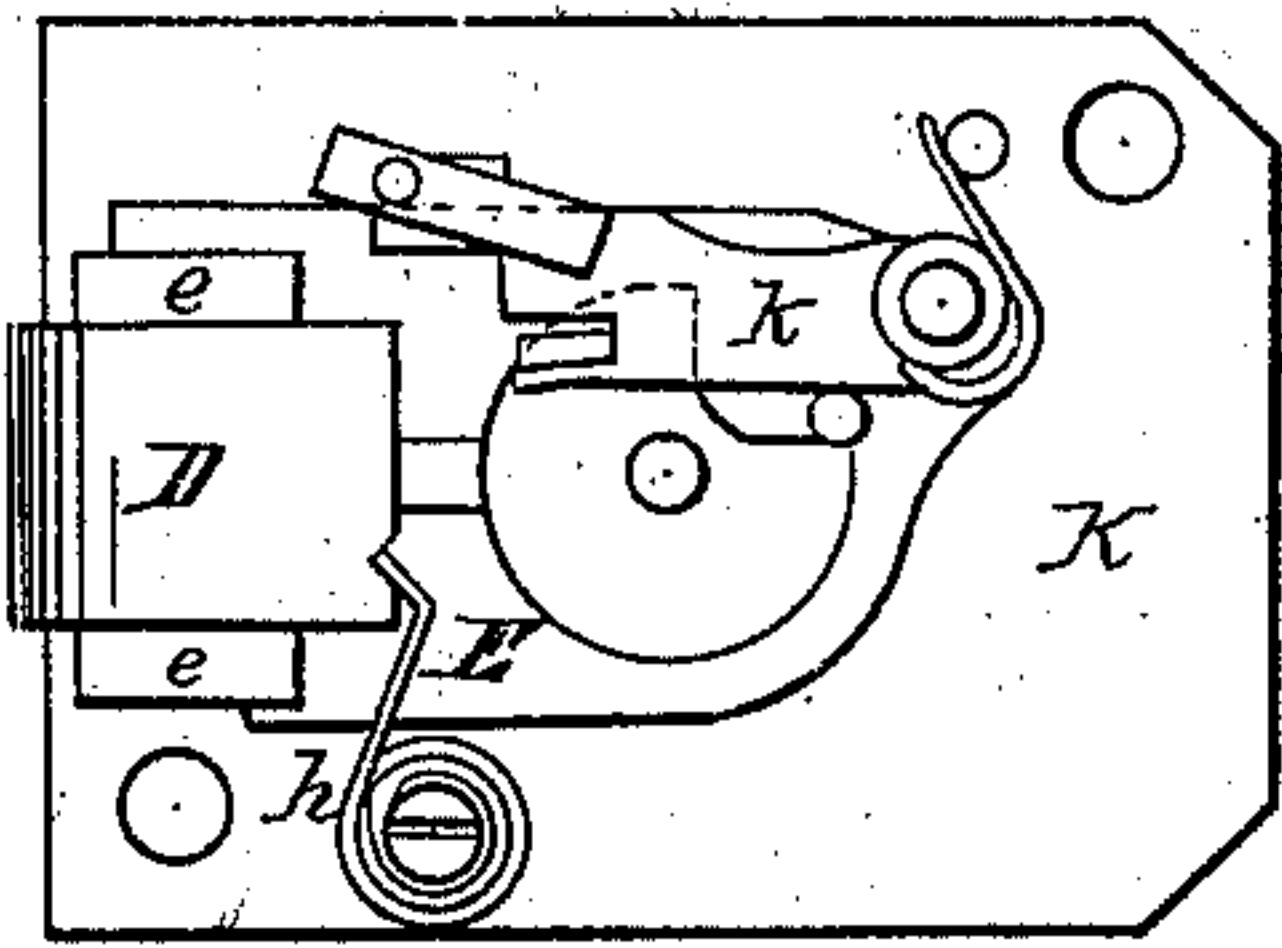


Fig. 2.

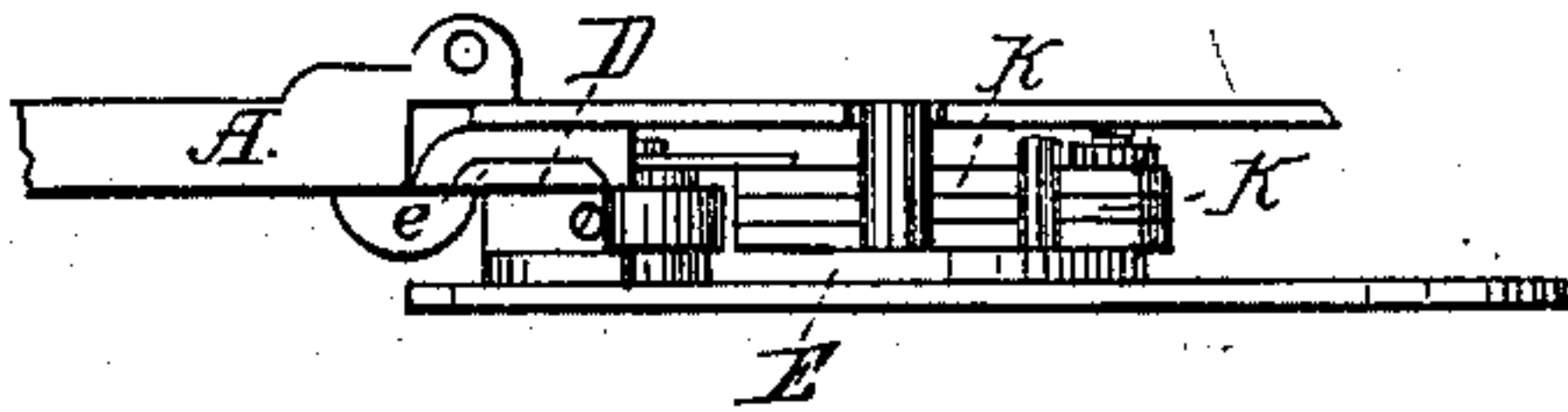


Fig. 3.

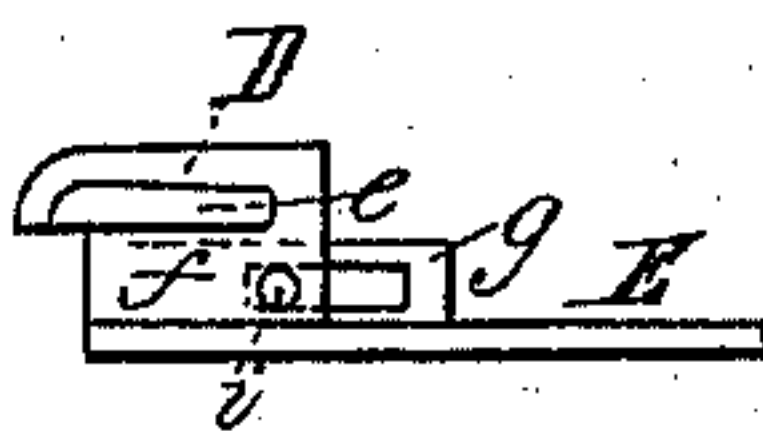


Fig. 4.

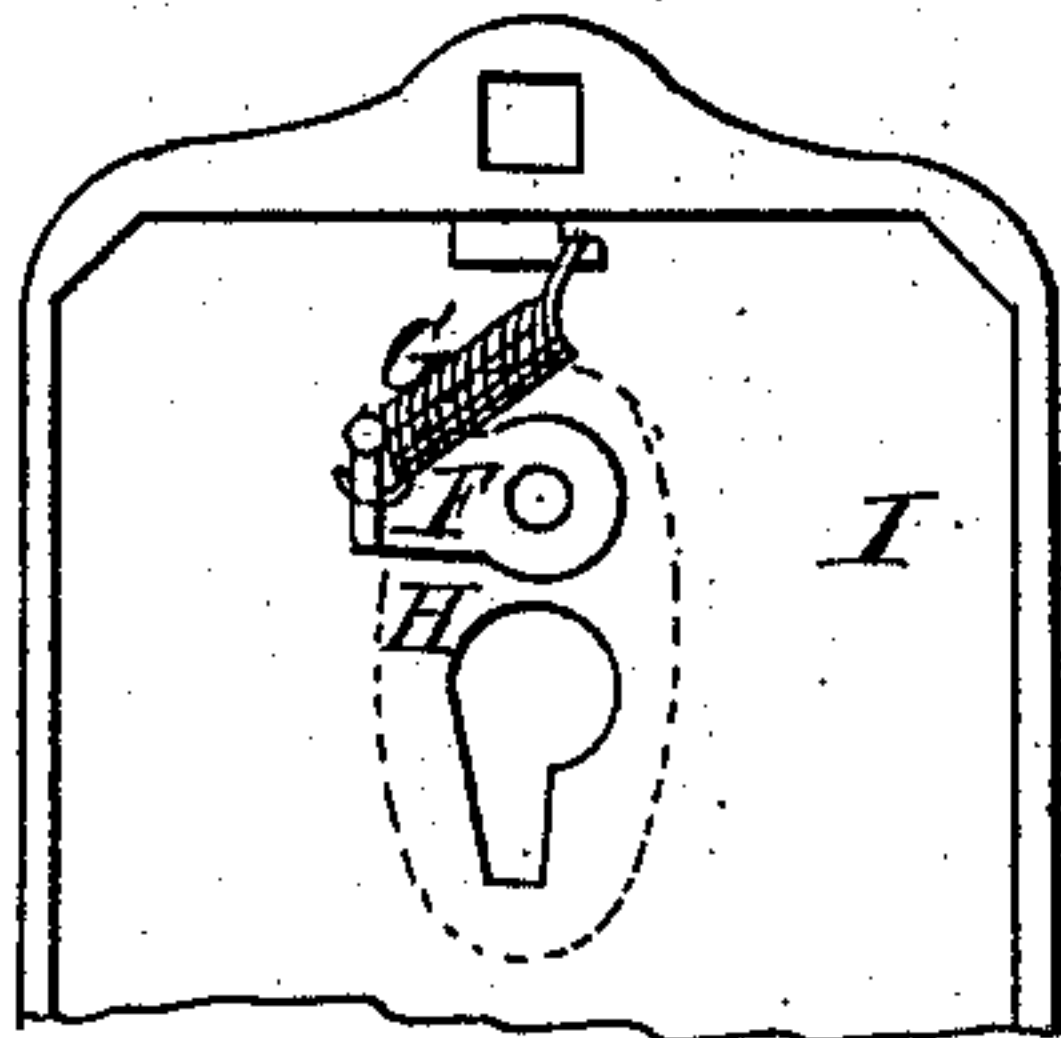


Fig. 5.

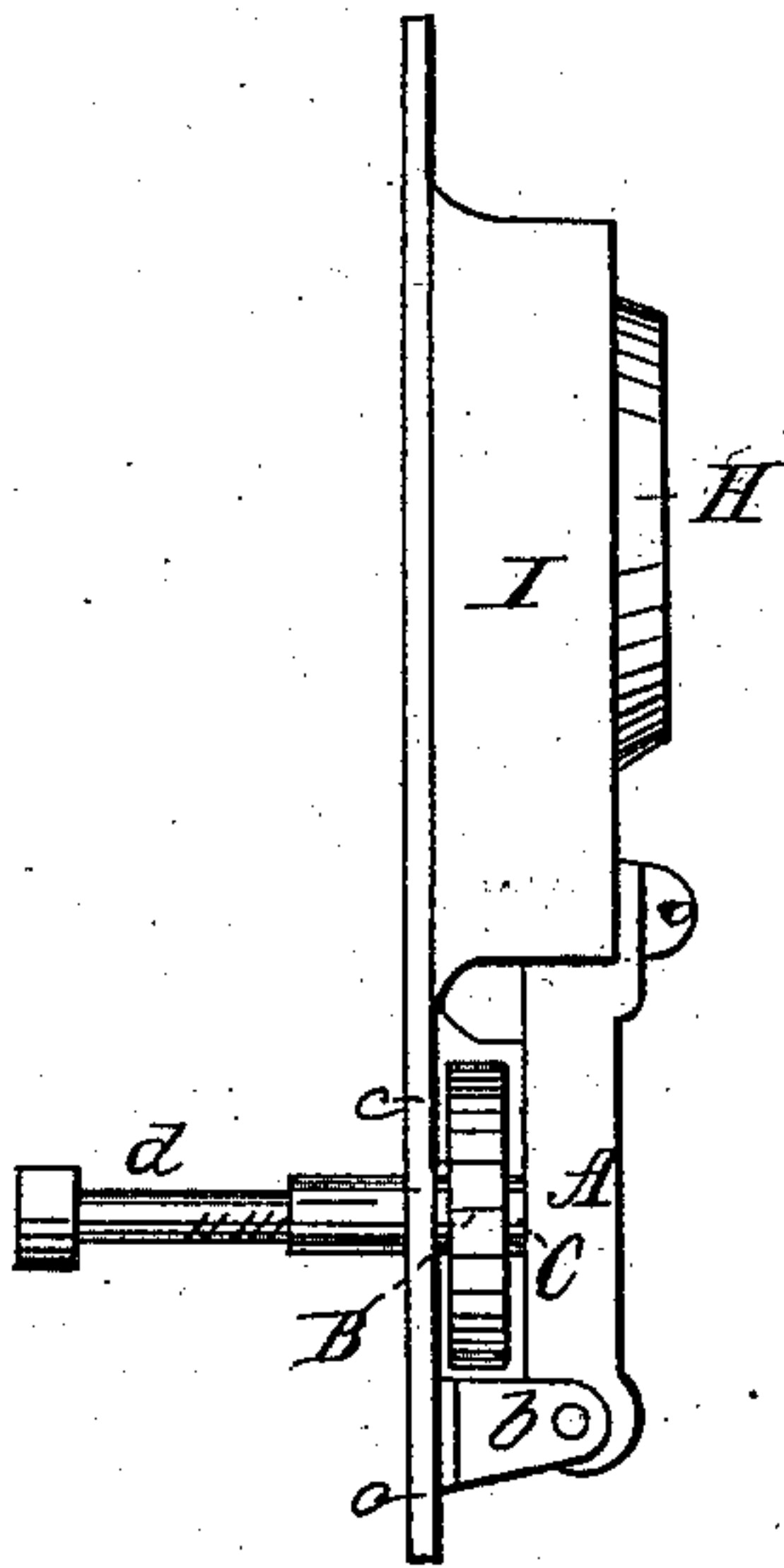
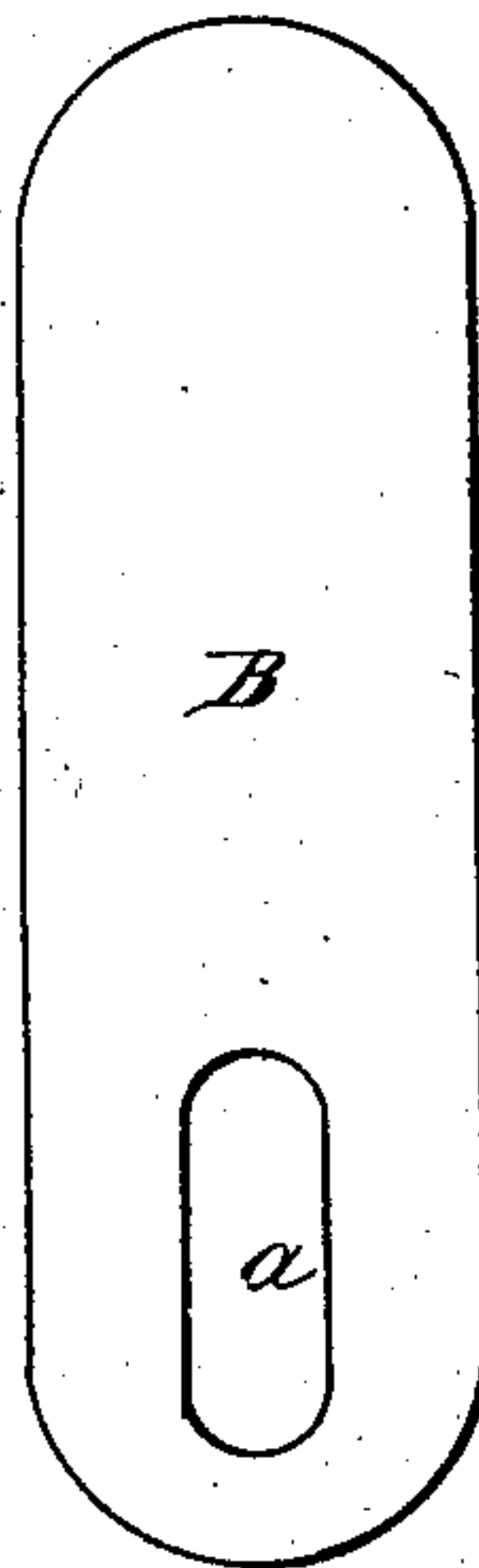


Fig. 6.



Inventor.

M. G. Imbach.
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Witnesses
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M. G. IMBACH, OF HARTFORD, CONNECTICUT.

Letters Patent No. 83,500, dated October 27, 1868.

IMPROVEMENT IN HASP-LOCKS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, M. G. IMBACH, of Hartford, in the county of Hartford, and in the State of Connecticut, have invented certain new and useful Improvements in Locks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction and general arrangement of a lock which can be used as a common latch-lock, and is provided with a place for a hasp below it.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, referring to the annexed drawings, which form a part of this specification, and in which—

Figure 1 is an inside view of the lock-plate;

Figure 2, a side view of the same, with the latch inserted;

Figure 3, a side view of the spring-bolt;

Figure 4, an inside view of the casing;

Figure 5, a side view of the lock complete; and

Figure 6, a front view of the hasp.

A represents the latch, pivoted at its lower end between the ears *b b*, on the plate *c*, and extends upwards into the casing *I*, covering the headed staple *C*, as shown in fig. 5, which staple passes through the plate, and is provided with a female screw, in which the screw-bolt *d* runs, for the purpose of fastening the lock to the door. The head of the staple fits into the slot *a* on the hasp *B*, shown in fig. 6, affording a sufficient hold for the same.

The key-hole-escutcheon *H* is placed on the outside of the casing *I*, and is provided on its inner side with a pin, which passes through the casing, thus piv-

oting the escutcheon on the outside. On the inside of the casing this pin is fastened to a bell-crank, *F*, which is held in proper position by the spiral spring *G*, as shown in fig. 4, so that the escutcheon will always be over the key-hole when the key is not in the lock.

The spring-bolt *D*, which extends in the opening on the casing *I*, and there holds the latch when closed, is provided with flanges, *e e*, one on each side, which run under and inside of the casing. This spring-bolt is also provided, on its under side, with a groove, *f*, and a pin, *i*, through the side of this groove, which pin holds the bolt to a slotted bar, *g*, on the sliding plate *E*, the pin mentioned running through this slot, and the bar itself in the groove on the bolt. The bolt *D* is held in its proper position by a spring, *h*, which is secured to the lock-plate *K*; and by this arrangement the bolt *D* may be moved backward, when the lock is open, without imparting movement to the sliding plate, or, in other words, the latch may be closed without using the key in the lock.

The sliding plate *E* is secured, by one or more tumblers, *k k*, to the lock-plate *K*.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The arrangement of the casing *I*, sliding plate *E*, spring-bolt *D*, escutcheon *H*, latch *A*, and staple *C*, all constructed and operating substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 19th day of May, 1868.

M. G. IMBACH.

Witnesses:

FREDERICK EBERLE,
WM. F. HURLBUT.