(No Model.)

J. HOOVER.

LOCK STRIKE.

No. 265,417. Patented Oct. 3, 1882.

Fig. 1.

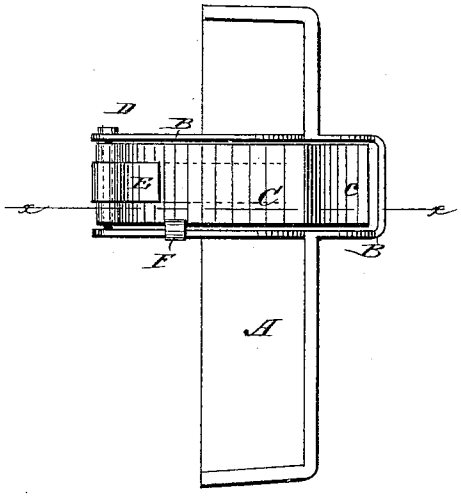


Fig. 2.

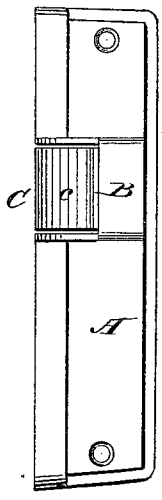


Fig. 3.

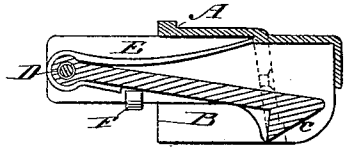
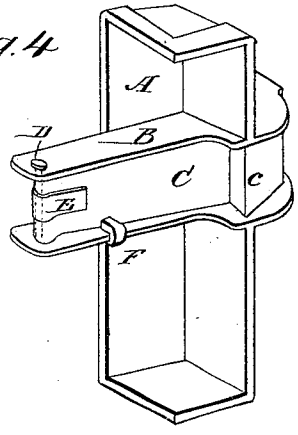


Fig. 4



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UNITED STATES PATENT OFFICE.

JAMES HOOVER, OF GRATIS, OHIO.

LOCK-STRIKE.

SPECIFICATION forming part of Letters Patent No. 265,417, dated October 3, 1882.

Application filed February 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, JAMES HOOVER, of Gratis, in the county of Preble and State of Ohio, have invented a new and Improved Keeper for Locks and Bolts, of which the following is a full, clear, and exact description.

My invention consists in a novel construction, arrangement, and combination of a box or keeper and a spring-lever, as hereinafter more particularly described.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side view of my invention. Fig. 2 is a front view. Fig. 3 is a section taken in the line *x x* of Fig. 1, and Fig. 4 is a perspective view thereof.

A is a keeper, having cast in one piece with it, and transversely to its length, an oblong box or case, B.

C is a lever or catch, provided with a hook, *c*, at its outer end, and having its rear or inner end pivoted to the sides of the box or case B by a pin, D.

E is a spring, having one end bearing against the keeper A and the other end around the pivoted end of the lever C, as shown in the drawings.

F is a stop attached to one of the sides of the box B, to prevent the lever C from swinging too far outward.

The operation is as follows: The keeper A being in place on the door-frame when the door is closed, the bolt of the lock strikes the inclined surface of the barb or hook *c* and forces the lever C backward or inward, and when the bolt has passed the said inclined surface the spring E causes said lever to resume its former position, and the barb or hook *c* holds the bolt and keeps the door closed.

The advantage of my invention is that it lessens the friction of the latch-bolt in closing a door, as the bolt is not forced back, as in the old style of keepers. My invention also prevents the annoyance caused by the failure of the bolt to engage with the keeper and the noise and jar consequent thereon, as the lever C is sure to swing backward and allow the bolt to pass to its proper place beyond the hook *c*.

My improvement is here shown and described as adapted for use with ordinary door-locks; but the dimensions of its parts may be varied to adapt the keeper for use with common lifts or thumb-latches of different sizes in various situations, as will be readily understood.

I am aware that it is not new to combine a yielding latch with a yielding segment in the nosing, so that as little noise as possible may be made in shutting a door; but

What I claim as new and of my invention is—

The keeper A, having a transverse case, B, with the stop F, in combination with a rear pivoted spring-pressed catch, C *c*, arranged as shown and described.

JAMES HOOVER.

Witnesses:

G. W. M. BOOKWALTER,

W. L. TOBEY.