

(No Model.)

J. HOOVER.

LOCK STRIKE.

No. 265,417.

Patented Oct. 3, 1882.

Fig. 1.

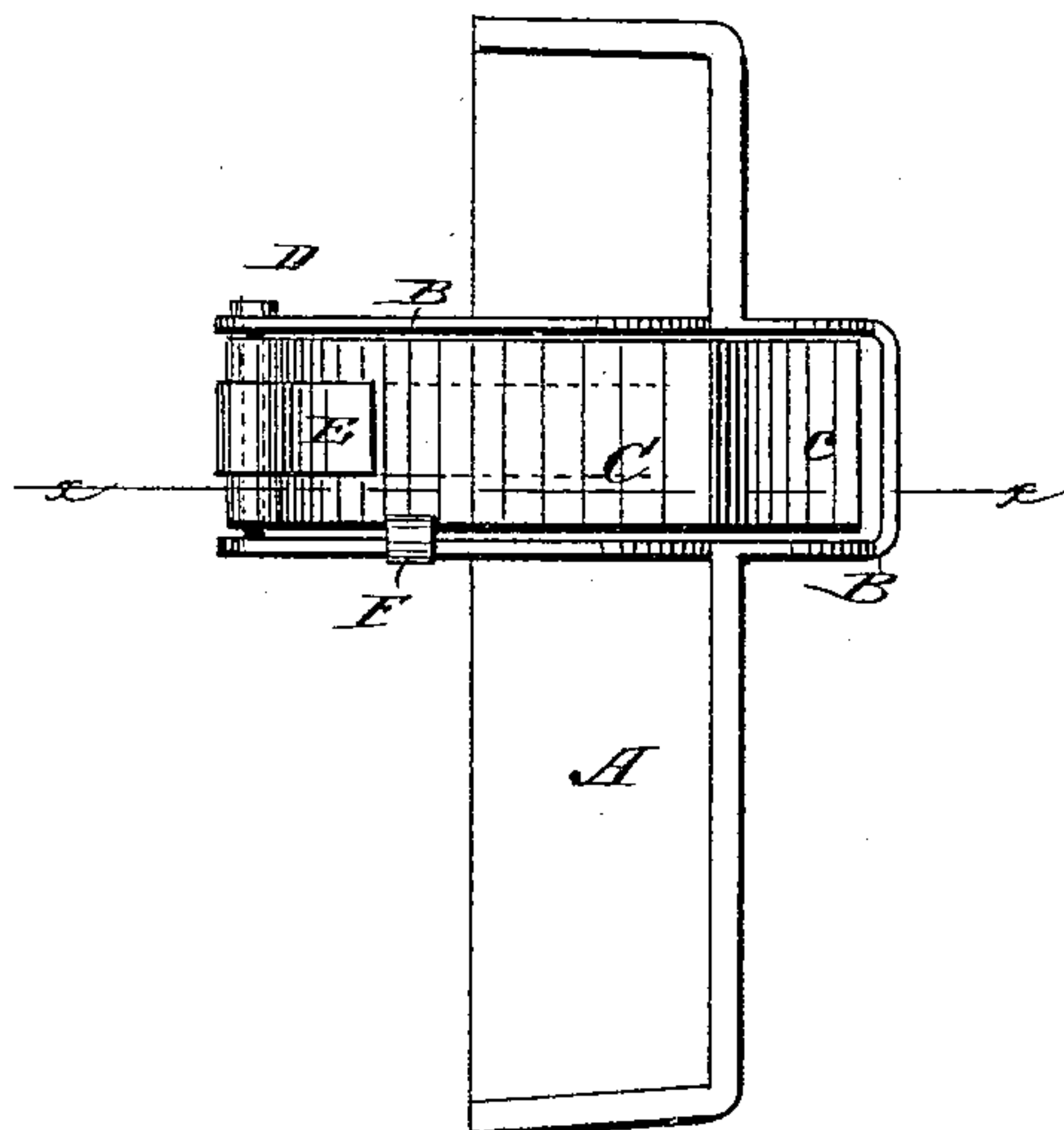


Fig. 2.

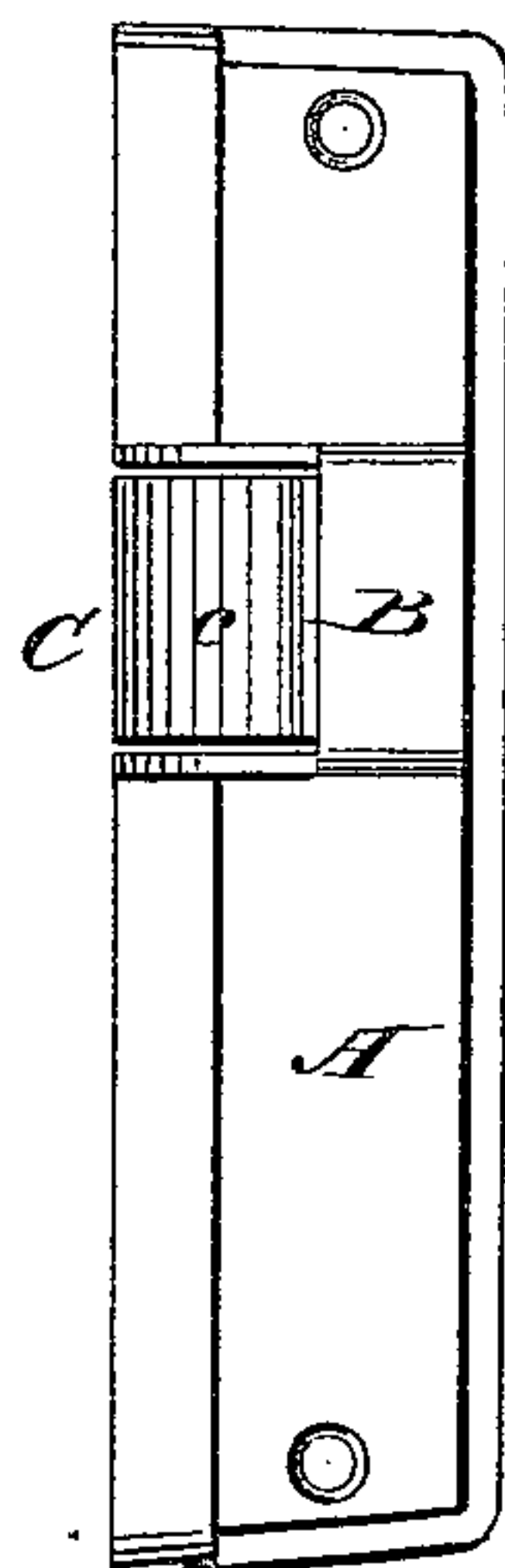


Fig. 3.

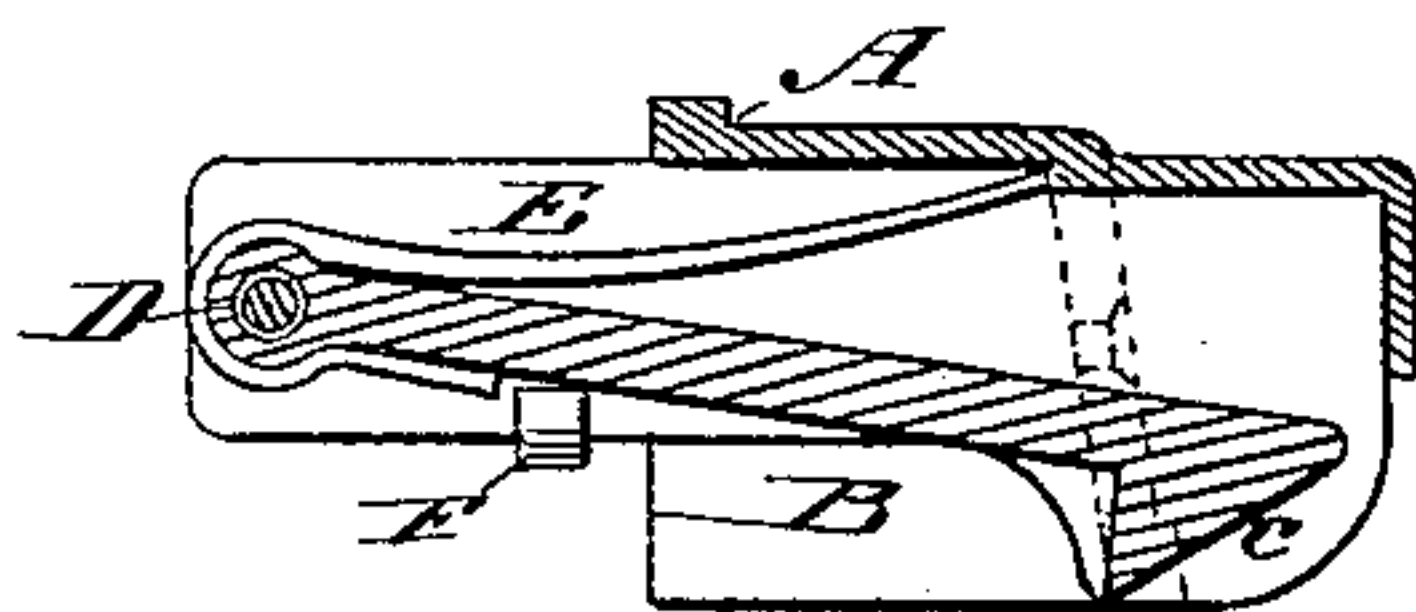
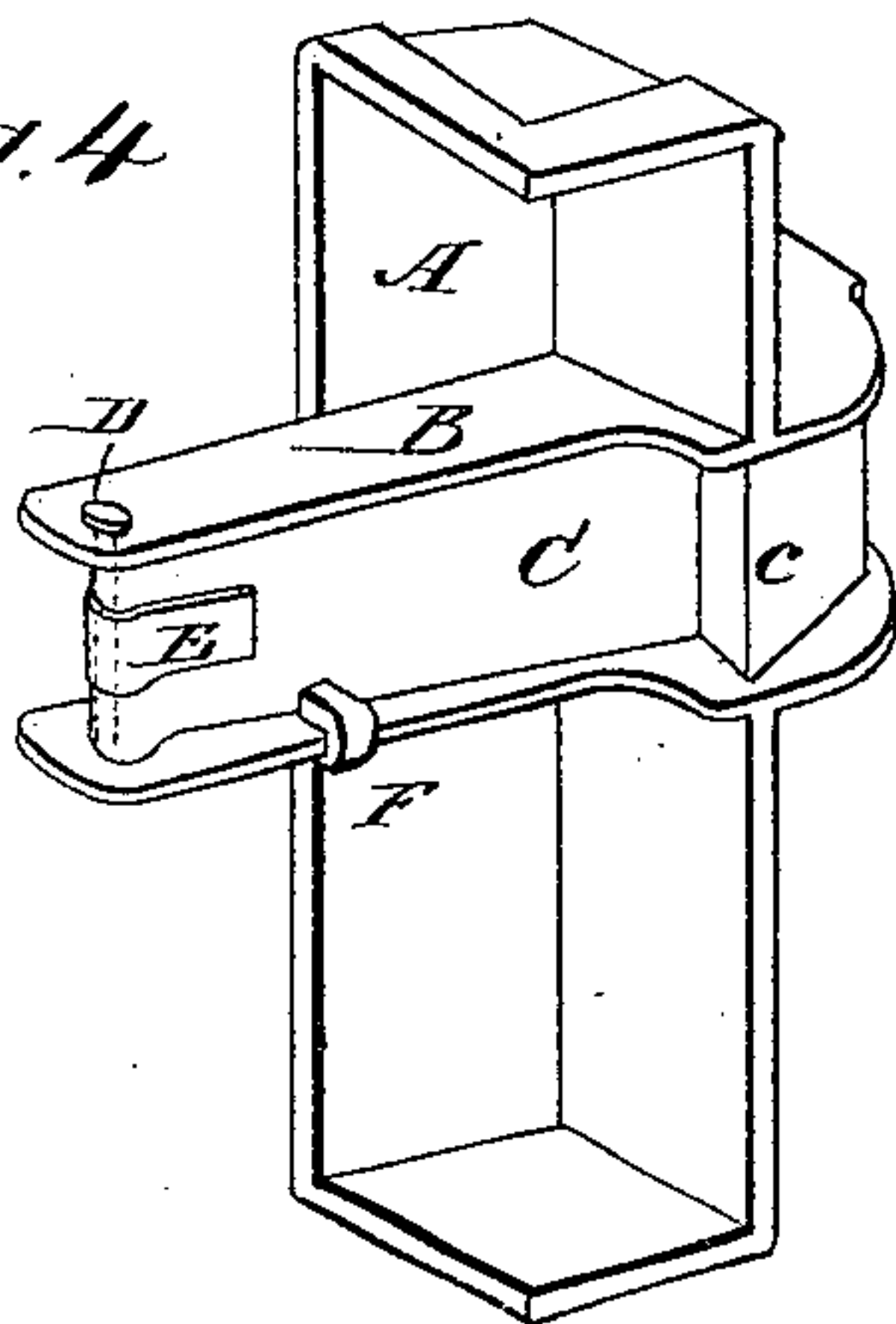


Fig. 4.



WITNESSES:

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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
5 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
10 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.

15 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.

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

25 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.

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

35 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 in-

clined 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
40 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 pre-
45 vents 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*. 50

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
55 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
60 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
65 shown and described.

JAMES HOOVER.

Witnesses:

G. W. M. BOOKWALTER,
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