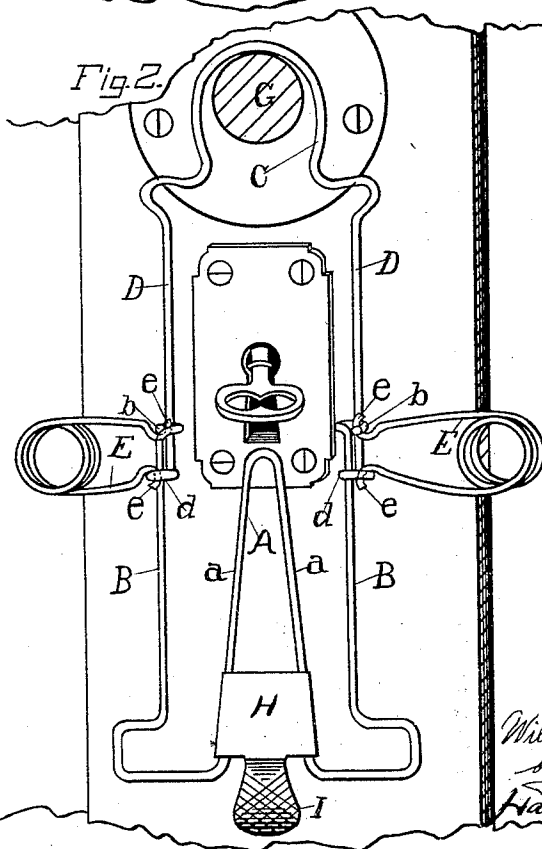
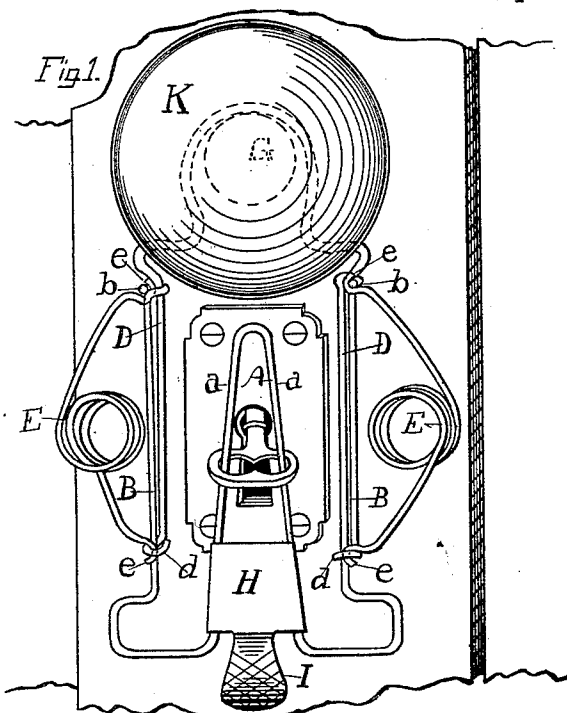


(No Model.)

W. W. HITCHCOCK.
KEY FASTENER.

No. 426,016.

Patented Apr. 22, 1890.



Witnesses
M. C. Gales.

James R. Thompson

Inventor
William W. Hitchcock,
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his Atty.

UNITED STATES PATENT OFFICE.

WILLIAM W. HITCHCOCK, OF LOS ANGELES, CALIFORNIA.

KEY-FASTENER.

SPECIFICATION forming part of Letters Patent No. 426,016, dated April 22, 1890.

Application filed July 10, 1889. Serial No. 317,056. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. HITCHCOCK, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Improvement in Key-Fasteners, of which the following is a specification.

The object of my invention is to provide a compact, light, cheap, easily-constructed, and effective device to prevent keys in locked doors from being turned from the outside of the door.

My invention consists of the combination of a reciprocating tapering bolt widening from its free end and adapted to fit the ring of a key, a loop for suspending such bolt from the arbor of a door-knob, and springs arranged to force the bolt toward such loop.

The accompanying drawings illustrate my invention.

Figure 1 represents my key-holder in position securing a key in a lock. Fig. 2 represents my key-holder extended ready to be applied to the key.

A is the spring-actuated bolt adapted to fit the interior of the ring of the key. It is preferably formed with divergent sides *aa*, so that the bolt will fit rings of different sizes. I prefer to form this bolt of a single wire bent to form the bolt-loop A and the attachment and guide arms B B.

C is a loop of wire, adapted to be hung upon the arbor G of the door-knob K and provided with the two guide-arms D D.

The guide-arms B B are provided at their ends with the small loops *bb*, forming eyes, through which the arms D D of the suspending-loop C play, and the arms D D are provided at their ends with like eyes *dd*, through which the arms B B play.

Two wire U-springs E E, having their ends provided with hooks *eee*, are attached, respectively, to the eyes *b* and *d* between such eyes, so that the springs E engage with the eyes *b* and *d* to press them apart, thereby forcing the bolt A and suspending-loop C toward each other.

When the bolt A is formed of wire, as shown, a sheet-metal brace H, with thumb-piece I, is preferably provided to clasp the wires at the base of the bolt. The thumb-piece I forms a convenient handle to take hold of to operate the bolt.

To adjust my improved key-holder when the door is locked, the parts are extended, as shown in Fig. 2, and the knob is passed through the suspending-loop. The end of the bolt A is then guided into the ring of the key and the bolt is released. The springs E force the bolt up into the ring until the divergent sides *aa* come into contact with the sides of the ring. The tension of the springs holds the key firmly against the top of the key-hole. Any attempt to turn the key will be resisted by the bolt.

By constructing the several parts of wire as shown I secure lightness and compactness, so that my invention can be carried with but little inconvenience.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A key-holder comprising the combination of a reciprocating tapering bolt widening from its free end and adapted to fit the ring of a key, a loop for suspending such bolt from the arbor of a door-knob, and a spring arranged to force the bolt toward such suspending-loop.

2. A key-holder comprising the combination set forth of the bolt A, provided with attachment-arms B B and eyes *bb*, the suspending-loop C, provided with the guide-arms D D and eyes *dd*, and the springs E E, engaging with the eyes *b* and *d* to press them apart, thereby forcing the bolt A and loop C toward each other.

WILLIAM W. HITCHCOCK.

Witnesses:

JAMES R. TOWNSEND,
W. W. ROBINSON.