

No. 706,537.

Patented Aug. 12, 1902.

B. B. DOWNARD.
KEY FASTENER.

(Application filed Nov. 15, 1901.)

(No Model.)

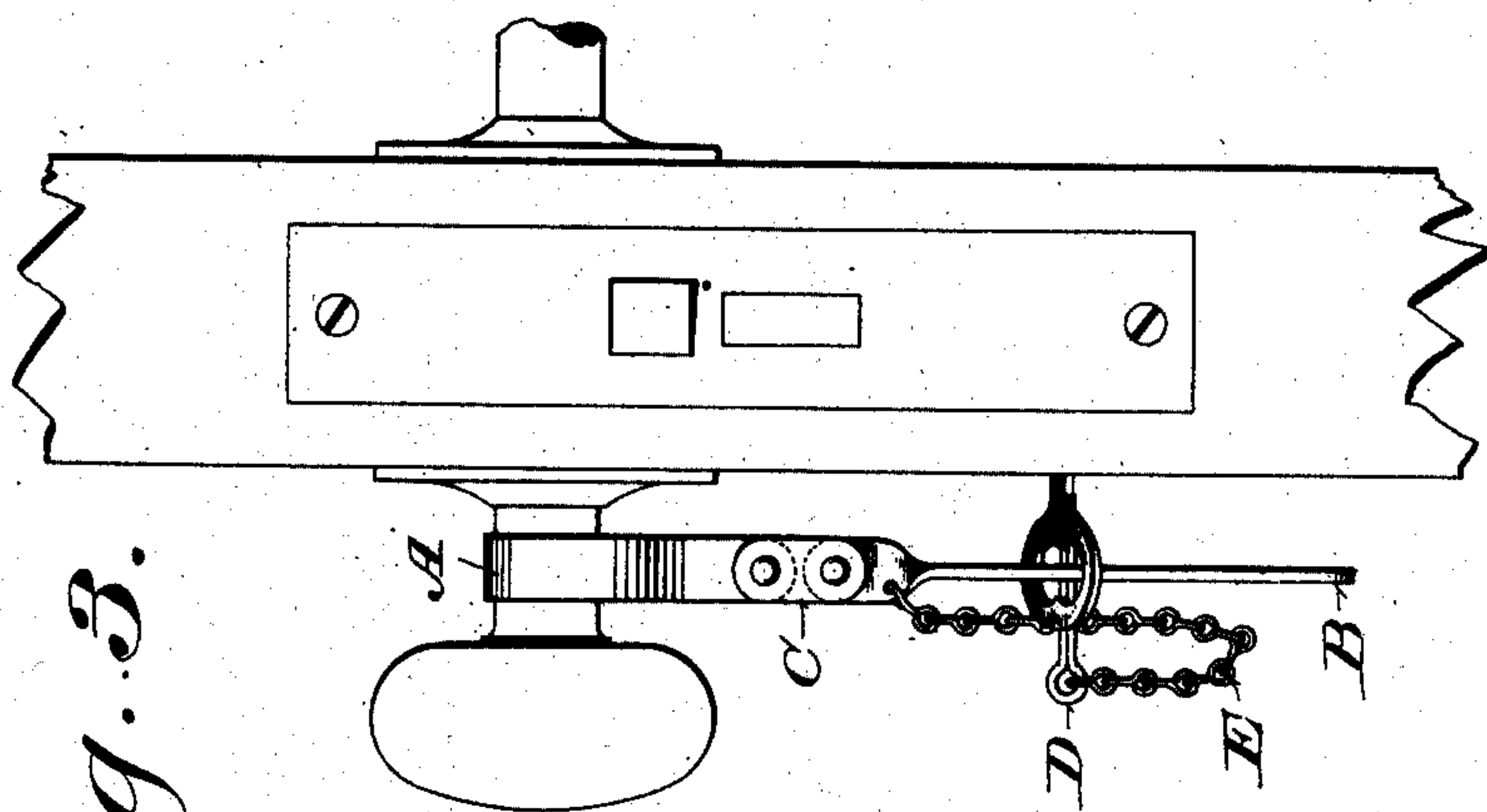


Fig. 3.

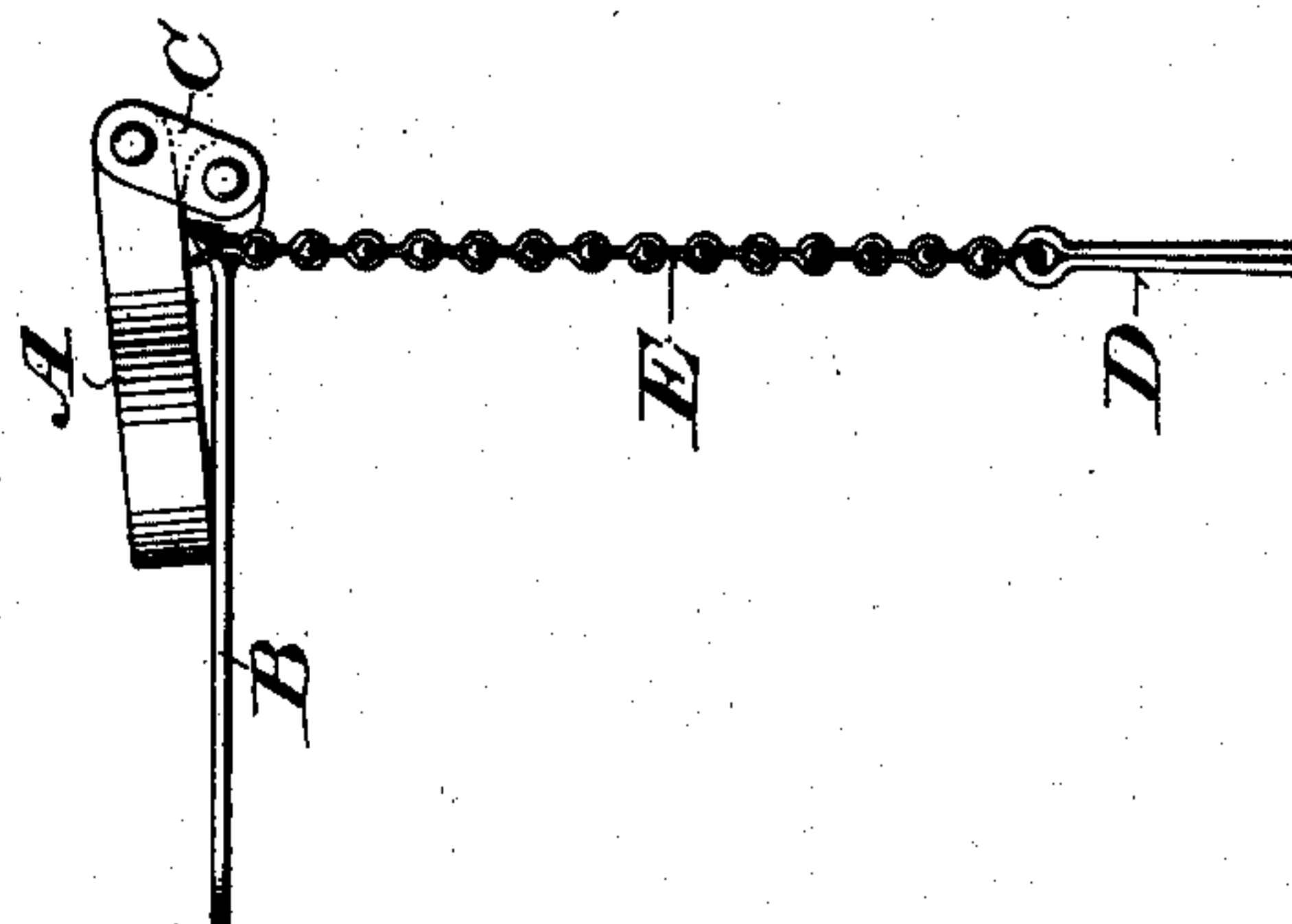


Fig. 2.

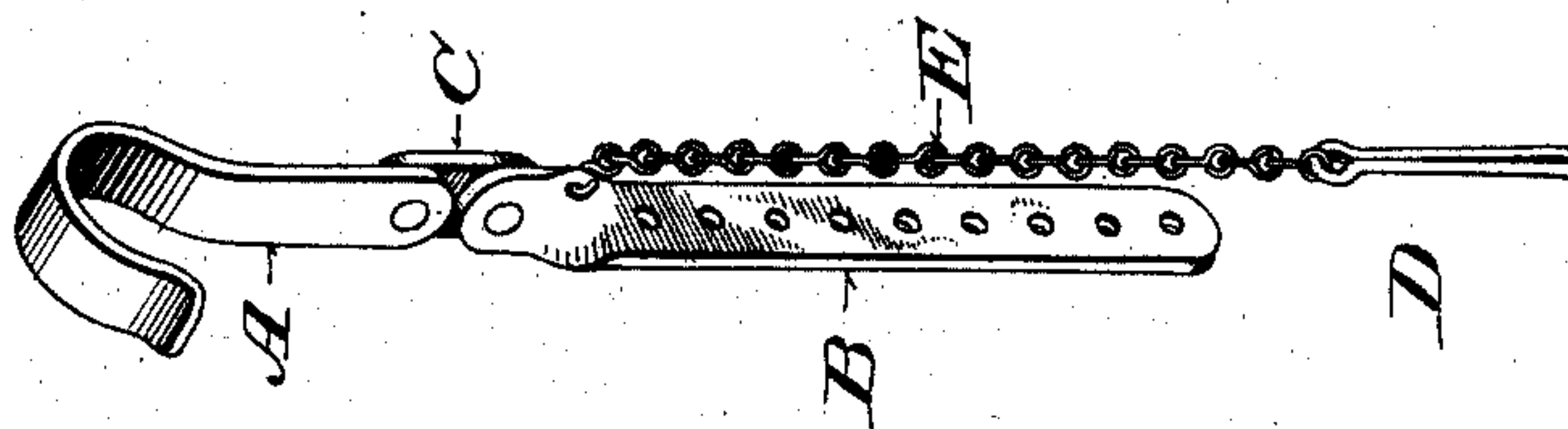


Fig. 1.

Witnesses:
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UNITED STATES PATENT OFFICE.

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KEY-FASTENER.

SPECIFICATION forming part of Letters Patent No. 706,537, dated August 12, 1902.

Application filed November 15, 1901. Serial No. 82,337. (No model.)

To all whom it may concern:

Be it known that I, BYRON B. DOWNARD, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Key-Fasteners, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

The object of this invention is to provide a simple and effective device that may be conveniently carried in the pocket and used in connection with door-knobs and locks of various kinds to prevent the key of a door when locked on the inside from being turned or thrust out of the lock by another key or instrument inserted from the outside.

It consists, as hereinafter particularly described, and pointed out in the claims, of a hook or clip adapted to be sprung over or caught upon the stem of a door-knob and a bar having a jointed connection with the hook or clip and adapted to be passed through the bow of a key to prevent the same from being turned in or thrust from the lock by means of a key or other instrument in the hand of a person outside.

In the accompanying drawings like letters designate the same parts in the several figures.

Figure 1 is a perspective view of the fastening unfolded and ready for use. Fig. 2 is a view of the device when folded for carrying in the pocket, and Fig. 3 shows the device as applied to the knob and key of a door.

A designates a hook or clip, which may be conveniently made from a flat strip of any suitable metal, such as steel, brass, or aluminium. It is suitably shaped to be caught over the stem of a door-knob, as shown in Fig. 3. The opening into the hook may be contracted, so that the hook will have to be sprung into place on the stem of the door-knob, and will thus be more securely held in engagement therewith.

B is a bar, formed in the direction of its length with a series of holes. It may be made from a flat strip of metal like or similar to that from which the hook A is made. It is connected at one end with the shank of the hook A by a link C, which is pivoted at its ends to both the hook and the bar and per-

mits the one to be folded against the other, as shown in Fig. 2, into convenient form for carrying the device in the pocket and also allows the bar B when the device is suspended from the stem of a door-knob, as shown in Fig. 3, to be carried toward or from the door in order to pass readily through the bow of a key having a longer or a shorter stem. When the parts of the device are made from flat strips of metal, as shown in the drawings, the bar B is given a quarter-twist close to the link C, so that it will pass more readily through the bow of a key, and the holes in said bar will be in the desired relation to the key.

D is a pin or cotter, which is preferably connected by a chain E with the bar B or any other convenient part of the device. When the device is applied to a door, as shown in Fig. 3, the pin or cotter D is inserted in the hole next below the bow of the key and prevents any possible disengagement of the fastening from the key or stem of the door-knob by working the key from the outside.

Various modifications may be made in the device as to minor details of construction without affecting its mode of operation or departing from the principle and intended scope of the invention.

I claim—

1. In a fastening for door-keys, the combination of a hook or clip adapted to be caught upon the stem of a door-knob, a perforated bar having a jointed connection at one end with the shank of said hook, and a pin or cotter having a flexible connection with a part of the device and adapted to pass through any of the holes in said bar, substantially as described.

2. In a fastening for door-keys, the combination of a hook made of a flat metal strip and a flat bar connected at one end with the shank of said hook by a link and having a quarter-twist close to said link, substantially as described.

In witness whereof I hereto affix my signature in presence of two witnesses.

BYRON B. DOWNARD.

Witnesses:

MAUDE L. EMERY,
CHAS. L. GOSS.