

(No Model.)

W. H. DAGGETT.
DOOR KEY.

No. 598,560.

Patented Feb. 8, 1898.

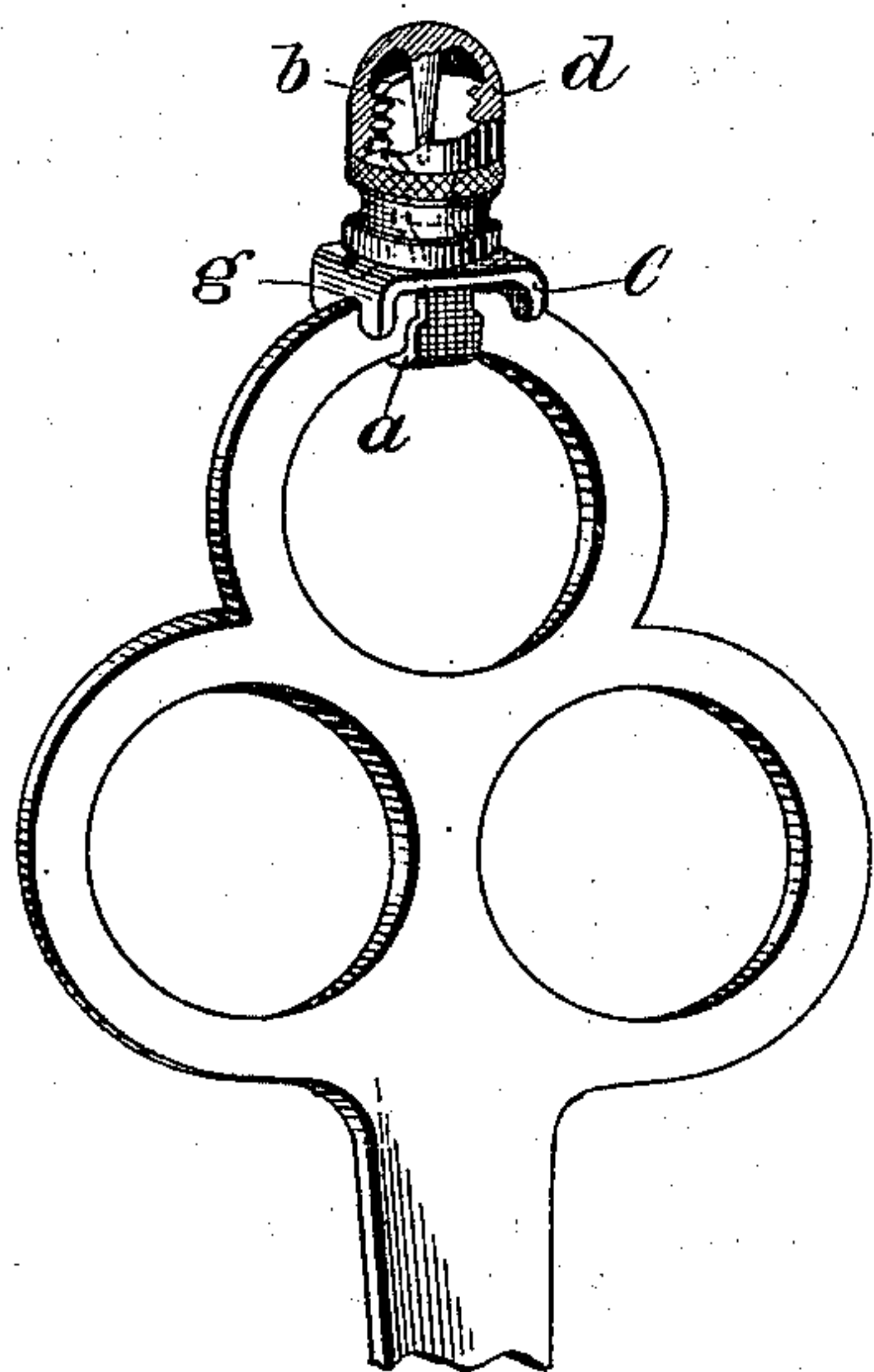


Fig-3-

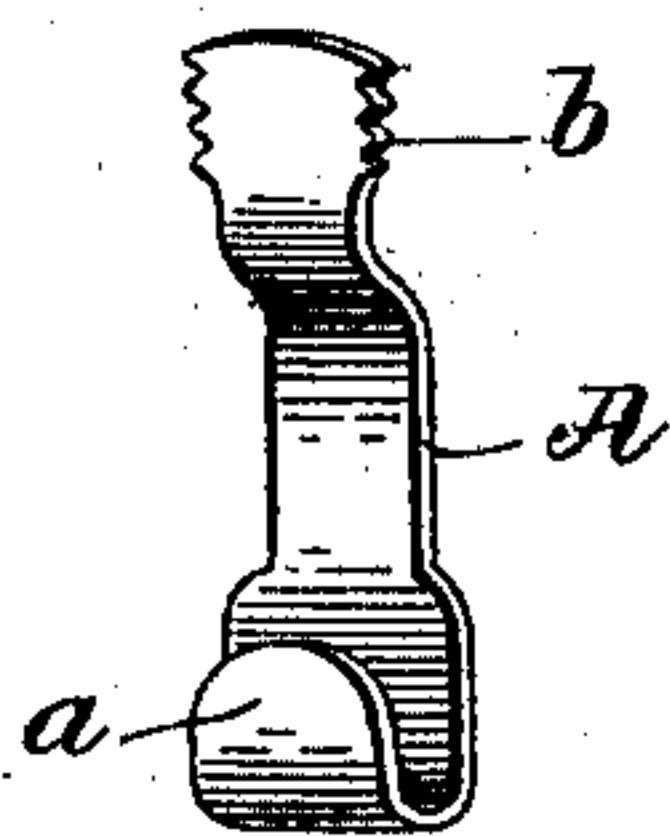


Fig-1-

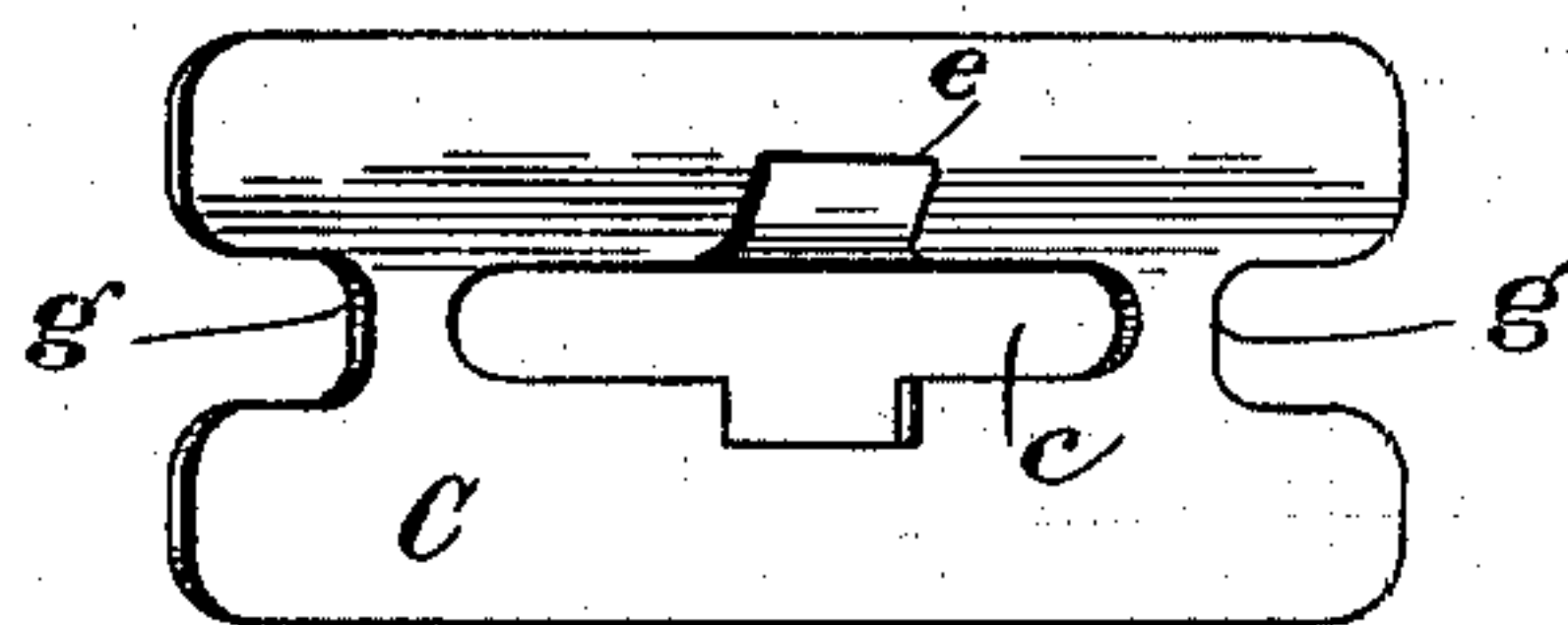


Fig-2-

WITNESSES.
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by Chas. F. Perkins
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UNITED STATES PATENT OFFICE.

WILLIAM H. DAGGETT, OF SOMERVILLE, MASSACHUSETTS.

DOOR-KEY.

SPECIFICATION forming part of Letters Patent No. 598,560, dated February 8, 1898.

Application filed May 7, 1897. Serial No. 635,615. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. DAGGETT, a citizen of the United States, residing at Somerville, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Door-Keys, of which the following is a specification.

My invention consists of an attachment to the ring of a door-key for the purpose of enabling one to distinguish it by the sense of touch from other keys with which it is kept or carried.

The advantages of the construction herein described and claimed over that shown in Letters Patent issued to me August 6, 1895, and numbered 543,852, consists of its adaptability to a greater variety of keys, of holding more firmly to the key, and of a reduction in the cost of manufacture.

In the drawings, Figure 1 is a perspective view of the hook A. Fig. 2 is a plan view of the bridge-piece C before it is bent into its final shape. Fig. 3 is a perspective view of the attachment secured to the key.

A is a piece of sheet metal, preferably brass. It is wider at each end than at the middle and is bent into the form of a hook *a* at one end and has a screw-thread cut in its edges at the other end *b* for the purpose of receiving the screw-cap *d*.

Referring to Fig. 2, the opening *c* is made T-shaped, so as to admit the end *b* of the piece A and then to receive its narrow portion into the stem of the opening, where it fits snugly and can have no lateral play. When the piece A has been inserted in its place, the tongue *e*, formed by a portion of the metal cut out to make the opening *c*, is bent back into the opening and secures the piece A against any forward-and-backward play. Notches *g g* are cut in the ends of the bridge-piece C to fit over the edges of the key-ring when it is secured to the key. When the parts are bent into the forms shown in Fig. 3, the hook *a* is inserted in the ring of the key, the notches *g g* of the bridge-piece are adjusted to the top of the ring, and the screw-cap *d* is then turned down hard onto the bridge-piece C to firmly bind all parts together and to the key-ring.

The form of key shown in Fig. 3 is in com-

mon use, and, having only round holes in the head, the device shown in my said former patent cannot be conveniently applied to it. The construction herein described and claimed is especially fitted for it and is adaptable to all forms of keys in use. I also find that in the use of the arrangement herein shown the screw-cap is much more secure and that any tendency of it to unscrew and work off is entirely overcome.

While I prefer to make all the parts of my device of flat strips and recommend it both for economy in manufacture and as giving the best results in use, it could be made in other forms without departing from the substance of my invention, which consists of a hook terminating at its upper end with a screw and inserted through a bridge-piece, between which and the hook the key-ring is clamped by means of a screw-cap.

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

1. The combination of a key, a flat metal strip as A, having a hook at one end and a screw-thread at the other, a bridge-piece made of a flat metal strip having its ends bent at right angles and having an opening to admit the strip A, the hook being inserted in the ring of the key, the ends of the bridge-piece bearing on the outside of said ring and all clamped together by means of the screw-cap *d*, substantially as described.

2. The combination of a key, a flat metal strip A, having a hook *a*, at one end, and a screw-thread on its edges at the other end *b*, said strip being narrower at the middle than at its ends, a flat metal bridge-piece C, having a T-shaped opening cut out of the same, and its ends turned downward at right angles, the hook being inserted in the ring of the key, the strip A, being held in the stem of the opening *c*, by the tongue *e*, the bridge-piece C, bearing on the outside of said ring and all bound together by the screw-cap *d*, substantially as described.

In witness whereof I hereunto set my hand this 5th day of February, A. D. 1897.

WILLIAM H. DAGGETT.

Witnesses:

MOULTON C. LIBBEY,
EUGENE W. KNOWLES.