No. 890,871. PATENTED JUNE 16, 1908.

E. REED.

KEY BOLT.

APPLICATION FILED JAN. 29, 1908.

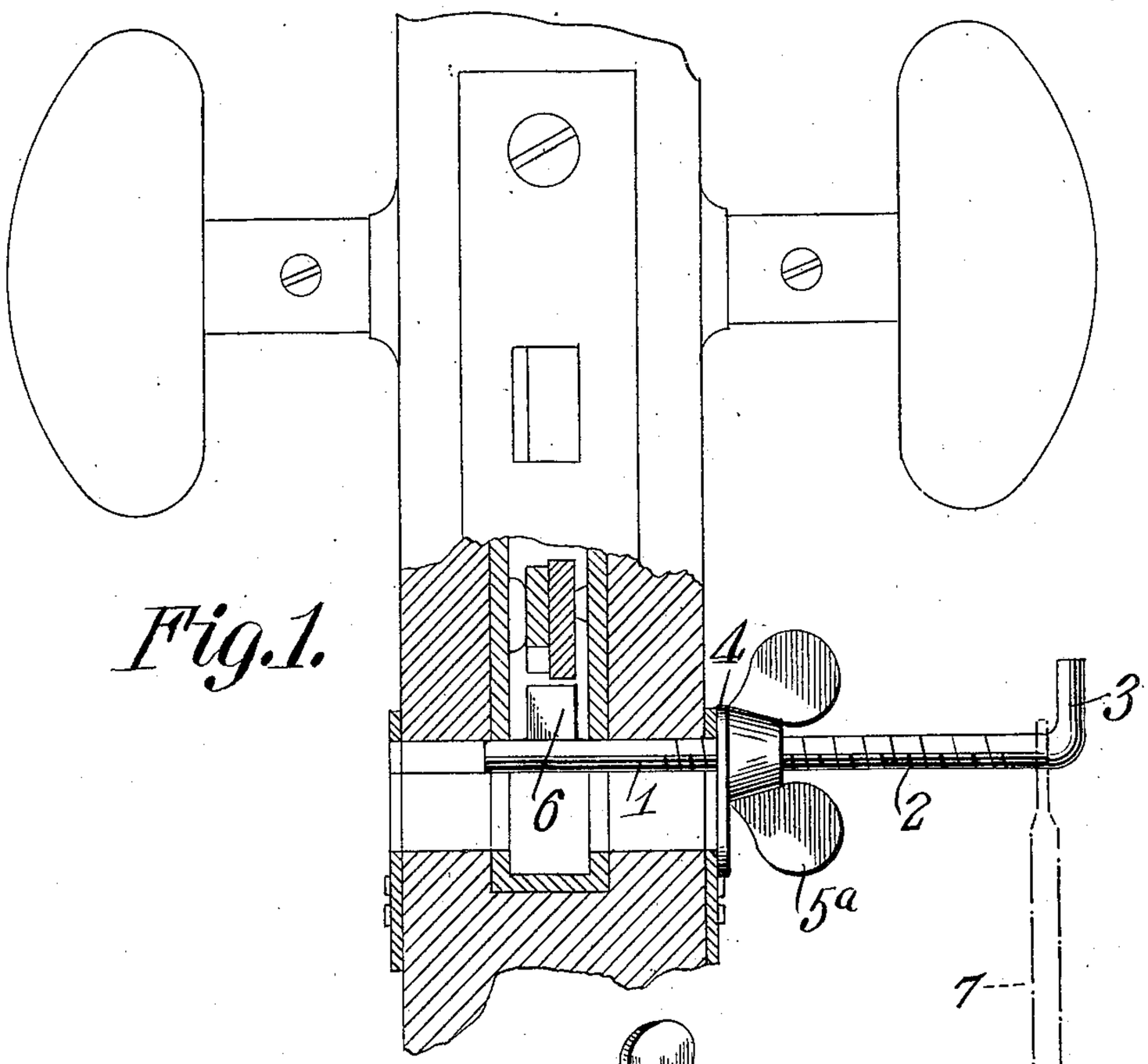

Fig. 1.

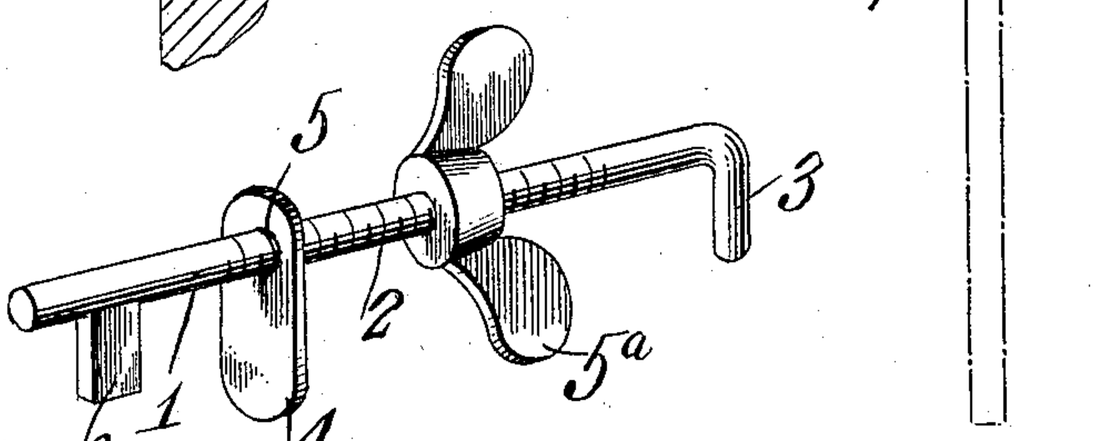

Fig. 2.

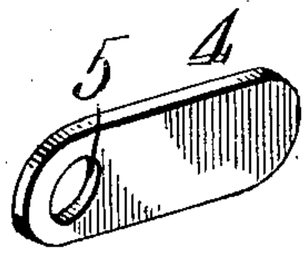

Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

EDGAR REED, OF DENVER, COLORADO.

KEY-BOLT.

No. 890,871. Specification of Letters Patent. Patented June 16, 1908.

Application filed January 29, 1908. Serial No. 413,307.

To all whom it may concern:

Be it known that I, EDGAR REED, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented a new and useful Key-Bolt, of which the following is a specification.

This invention relates to key bolts, and has for its object to render what is known as lock picking practically impossible.

It is a well known fact that many burglaries, and particularly at hotels and apartment houses, have been committed while those occupying the apartments were asleep. In most cases the burglar gained admittance either by the use of a pass key, or with certain other tools and so manipulated the mechanism of the lock as to cause it to yield.

The present invention is designed to overcome this element of danger by substituting for the regular door key a key bolt, which, when inserted and secured in the lock of a door, renders outside access to the same practically impossible.

In the drawings which form a part of this specification, the device is shown in operative position as when applied to a lock of the ordinary type, in which

Figure 1 shows a door partly in section with my improved key bolt applied. Fig. 2 is a plan view of the invention, and Fig. 3 is a detached view of the metal disk.

Similar numerals of reference are employed to indicate corresponding parts throughout the several figures of the drawings.

In the drawings, the numeral 1 designates the shank of a door key of an ordinary type, screw-threaded as at 2, with the portion 3 adjacent the head bent at right angles for a purpose to be later explained. 4 is a metal disk or follower with a perforation, as at 5, approximately intermediate its center and one end. The perforation 5 is of a greater diameter than the key shank 1, in order that the disk 4 may be moved freely in a direction relative the length of the key shank, and also revolved freely thereon. The thumb nut 5^a is of the well known type, and screwed on to the thread 2 for a purpose to be presently explained.

Assuming that the lock of the door in Fig. 1 has been locked by its respective key, and the latter withdrawn therefrom, the parts of the key bolt now occupying the position as shown in Fig. 2, the shank 1 and tongue 6 thereof are inserted in the escutcheon passage in the usual manner until the tongue 6 occupies a position in the lock permitting the key bolt to be turned, so that the tongue will occupy the position shown in Fig. 1. The metal disk 4 is now adjusted to completely cover the aperture in the escutcheon plate and the thumb nut turned until the parts are securely clamped. The key 7 to the lock is then placed on the hook 3, as indicated in dotted lines in Fig. 1 the whole device occupying the position shown.

It is to be expressly understood that I am not to be limited to the construction as illustrated, since it may be necessary to so modify my device as to accommodate the different locks now in use. This may be done, however, without departing from the spirit of the invention.

I claim:—

A key-hole guard embodying a threaded shank having a lug adjacent to one end to engage with the interior of a lock, a follower loosely and rotatably mounted on the shank, and a thumb-nut threaded on the shank and adapted to clamp the follower against the key-hole of a door lock.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

EDGAR REED.

Witnesses:

GEO. H. REED,

ROBERT JOHNSTON.