

C. A. MYBERG:
KEY LOCKING DEVICE.
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983,749.

Patented Feb. 7, 1911.

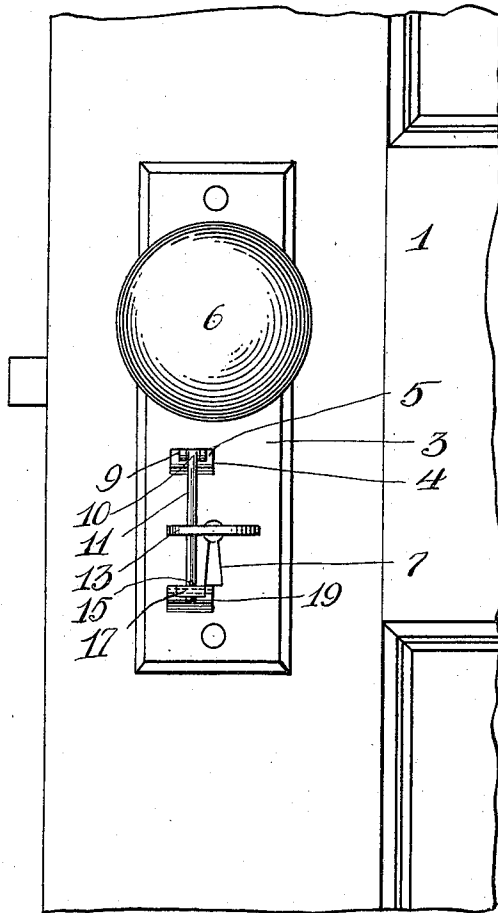


Fig. 1.

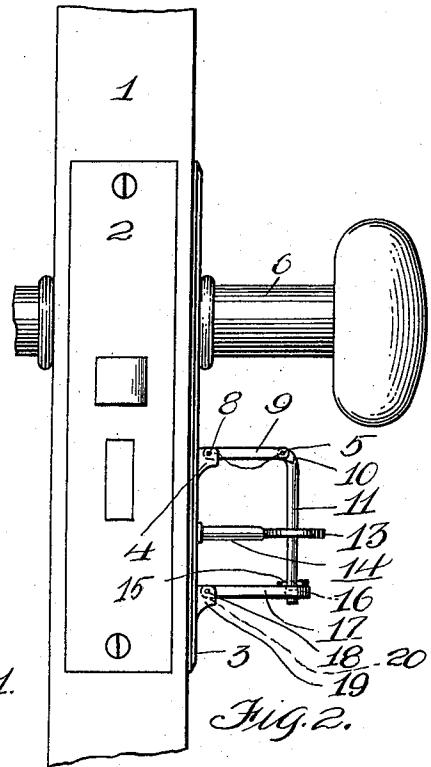


Fig. 2.

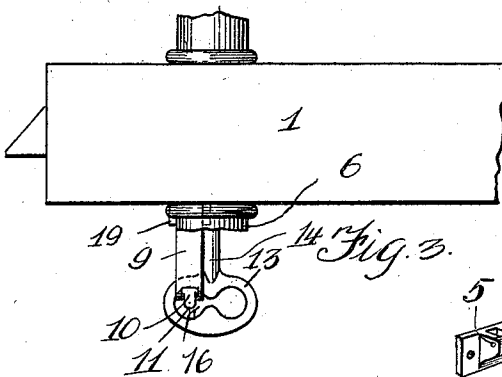


Fig. 3.

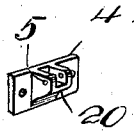


Fig. 5.

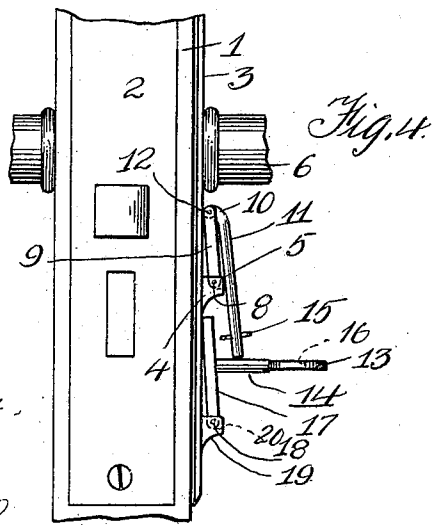


Fig. 4.

Witnesses:
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UNITED STATES PATENT OFFICE.

CHARLES A. MYBERG, OF GLASSPORT, PENNSYLVANIA.

KEY-LOCKING DEVICE.

983,749.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES A. MYBERG, a subject of the King of Sweden, residing at Glassport, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Key-Locking Devices, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a key locking device, and the invention has for its primary object to provide positive and reliable means for retaining a key within a door lock, thereby preventing the key from being rotated and pushed from the lock in order that another key can be inserted in the lock and the door opened.

Another object of the invention is to provide a simple and inexpensive key locking device for the inner side of a door adapted to prevent the door from being opened from the outer side, thus preventing the burglarizing of houses by the use of skeleton keys.

A further object of the invention is to provide a strong and durable key locking device that can be used in connection with various kinds of locks, the device being easily manipulated and constructed where by it will present a neat appearance.

These and such other objects as may hereinafter appear are attained by a mechanical construction to be hereinafter specifically described and then claimed.

Reference will now be had to the drawing forming a part of this specification, wherein:—

Figure 1 is a front elevation of a portion of a door showing the key locking device in a closed position. Fig. 2 is a side elevation of the same. Fig. 3 is a horizontal sectional view of a portion of the door showing the key locking device in plan. Fig. 4 is a side elevation of the door showing the key locking device in an open position, and Fig. 5 is a perspective view of a detached bearing that can be screwed to the locks at present used.

In the drawing the reference numeral 1 denotes a portion of a door having a conventional form of lock 2, and the lock plate 3 upon the inner side of the door is provided with a bearing 4 having apertured lugs 5. The bearing 4 is located beneath the door knob 6, above and slightly to one

side of the key-hole 7 formed in the lock plate 3.

Pivotally mounted between the apertured lugs 5 by a pin 8 is the inner end of a link 9, said link having the outer end thereof bifurcated to receive the reduced upper end 10 of a key bolt 11, the reduced end 10 being pivotally connected to the link 9 by a pin 12. The key bolt 11 is adapted to extend through the handle 13 of a key 14 placed in the key-hole 7. The bolt 11 adjacent to the lower end thereof is provided with a transverse pin 15 adapted to limit the movement of said bolt in an opening 16 provided therefor in a keeper 17 pivotally mounted by a pin 18 between the apertured lugs 19 carried by the plate 3 directly beneath the bearing 4.

The key locking device is located to one side of the key-hole 7, whereby the key 14 can be easily placed in the key-hole to manipulate the lock, and after the door has been locked the handle of the key is placed in a horizontal position and the bolt 11 passed through the handle and then placed in engagement with the link 17. It is then impossible for the key 14 to be rotated until the bolt 11 is removed, consequently the key cannot be pushed from the lock by inserting a key in the key-hole 7 at the outer side of the door.

To prevent the link 9 and the keeper 17 from swinging downwardly and releasing the end of the bolt 11, the apertured lugs 5 and 19 have a web 20 for supporting the link 9 and the keeper 17 in a horizontal position.

The pin 15 may be dispensed with, as its only function when the ledge 20 is provided at the base of the lugs 5, is to relieve the weight of the bolt 11 from being suspended wholly from the link 9, and to relieve strain on the pin 8 if link 9 be allowed to drop forcibly.

The device in its entirety is made of light and durable metal and finished to harmonize with the plate 3 and the metallic trimmings of the door.

What I claim is:—

In a key locking device, the combination with a door having a lock, a lock plate upon the inner side thereof, and a key extending through said plate for manipulating said lock, of a bearing carried by said plate at one side of and above said key, a link piv-

otally connected to said bearing, a keeper
pivotally connected to said plate below said
bearing and provided with an opening, a
bolt pivotally connected to said link and
5 adapted to extend downwardly through the
handle of said key and into the opening of
said keeper, means carried by said plate for
supporting said keeper in a horizontal po-
sition, and means carried by said bearing

for supporting said link in a horizontal po- 10
sition and limiting the downward move-
ment of said link and bolt.

In testimony whereof I affix my signature
in the presence of two witnesses.

CHARLES A. MYBERG.

Witnesses:

KARL H. BUTLER,
EVA A. MILNE.