

P. J. JOHNSON.
KEYHOLE GUARD.
APPLICATION FILED JULY 16, 1912.

1,050,276.

Patented Jan. 14, 1913.

Fig. 1.

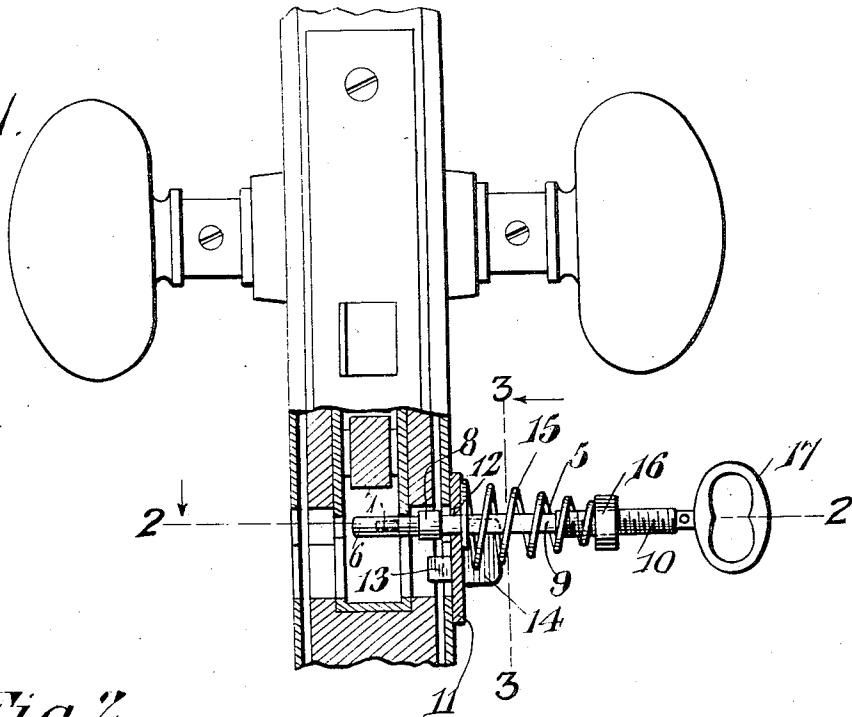


Fig. 2.

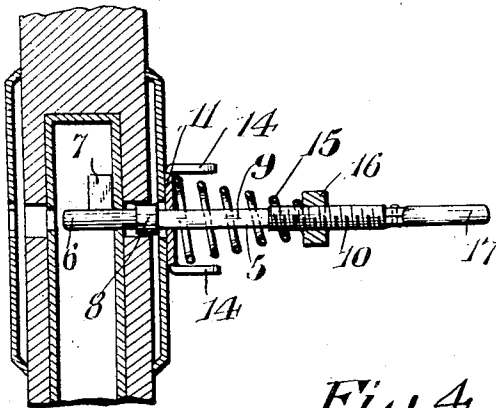


Fig. 3.

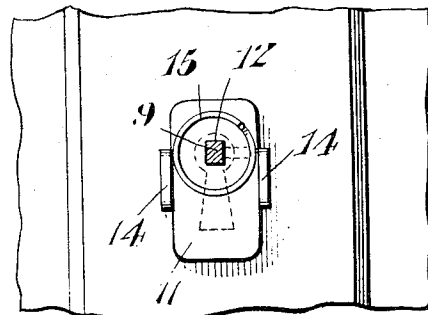
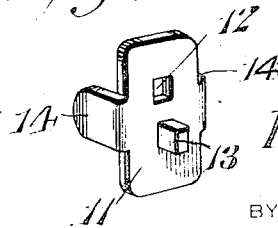


Fig. 4.



WITNESSES

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PETER J. JOHNSON, OF SHELLEY, IDAHO.

KEYHOLE-GUARD

1,050,276.

Specification of Letters Patent.

Patented Jan. 14, 1918.

Application filed July 16, 1912. Serial No. 709,753.

To all whom it may concern:

Be it known that I, PETER J. JOHNSON, a citizen of the United States, residing at Shelley, in the county of Bingham and State of Idaho, have invented a new and useful Keyhole-Guard, of which the following is a specification.

My invention relates to improvements in keyhole guards for locks, and has for its object to provide a guard device of convenient size, which can be quickly positioned in a lock and will instantly adjust itself to the lock to firmly hold itself in position and thus effectually prevent picking or otherwise tampering with the lock to open the door.

In the accompanying drawings:—Figure 1 is an elevation of the edge of the lock portion of a door, partly in section, with my improved keyhole guard applied thereto. Fig. 2 is a transverse sectional view on the line 2—2 Fig. 1. Fig. 3 is a section taken on the line 3—3 Fig. 1, looking toward the door. Fig. 4 is a perspective view of the keeper or follower.

Referring to the drawings, which illustrate the preferred embodiment of my lock guard, 5 designates a straight shank, which is provided with a short cylindrical end portion or pin 6 having centrally of its length a right-angularly-disposed, oblong lug 7. At the inner end of the pin 6 is a cylindrical collar or stop 8, which limits the distance the pin carrying the lug can be thrust into a lock casing. From the collar 8 to a point the other side of the center of the shank, the latter is formed with a substantially square, intermediate portion 9, and from said portion the shank is cylindrical and screw threaded as at 10. The outer end of the shank has a loop 17 suitably secured thereto, which loop is shaped to resemble a key loop.

Slidably mounted on the squared portion 9 is a keeper or follower 11. The body of the keeper is preferably flat and slightly oblong in shape with rounded corners, and is provided at a point on its longitudinal median line with a square aperture 12 through which the square portion of the shank 9 passes. Just below the square aperture 12, is a projection or lug 13. At the sides of the keeper are integral, oppositely-disposed, right-angular lugs 14, which are parallel to each other and extend from the

keeper in an opposite direction from the lug 13.

Mounted on the squared portion 9 of the shank is a spiral spring 15, the base coil or convolution of which presses against the keeper 11 and is held from lateral displacement by means of the lugs 14. The spring is held in place by a nut 16 mounted on the threaded part 10 of the stem 5, the nut bearing on the top coil of the spring in order that the tension of the spring may be adjusted when necessary.

The operation of the device is simple. It is only necessary to rest the loop 17 against the inside of the hand, and grasp the lugs 14 between the forefinger and the thumb and then draw the keeper or follower 11 back against the tension of the spring 15. Then while holding the keeper in the retracted position, insert the pin 6 with its lug 7 in the keyhole until the collar 8 abuts the outside of the casing when the shank 5 is given a quarter turn to the right, which carries the lug 7 to a position at right angles to the vertical or longitudinal axis of the keyhole and brings the lug 13 on the keeper in line therewith, when upon releasing the hold on the lugs 14, the spring will force the lug 13 into the keyhole and will draw the lug 7 on the pin tightly against the inside of the casing, as shown in Figs. 1 and 2.

What I claim is:—

1. In a guard for locks, a shank provided with means for engaging a lock casing, a keeper slidably mounted on said shank and adapted to engage a keyhole of the lock casing, a spiral spring mounted on said shank and having its base coil bearing against said keeper to force the same toward the lock casing engaging means carried by the shank, a nut adjustably mounted on said shank and arranged to bear against the outer end of the spring to regulate the amount of the tension thereof, and rearwardly extending lugs carried by said keeper and serving as hand holds to facilitate the retraction of said keeper.

2. In a guard for locks, a shank, a pin formed at one end of said shank, a lug carried by said pin, a keeper slidably but non-rotatably mounted on said shank, a lug carried by said keeper, said lug being arranged at an angle to the lug carried by said pin, a spring mounted on the shank for moving said keeper toward the lug carried

by said pin, and rearwardly extending lugs carried by said keeper and serving as guards for the inner end of the spring and also as hand holds to facilitate the retraction of said keeper against the tension of said spring.

8. In a guard for locks, a shank, a pin formed at one end of said shank, a lug carried by said pin at right angles thereto, a collar formed at the inner end of said pin and adapted to limit the distance said pin and its lug can be thrust into a lock casing, a squared portion formed on said shank adjacent the inner side of said collar, a keeper having an aperture and slidably mounted by means of the aperture on that part of said shank having the squared portion whereby said keeper is held from rotation, a lug

formed on said keeper and extending at right angles to the lug carried by said pin, oppositely-disposed, rearwardly-extending lugs carried by said keeper, a spiral spring mounted on said shank and having its base coil bearing against said keeper and held in position between said lugs, and a nut adjustably mounted on said shank and arranged to bear against the outer end of said spring to regulate the amount of the tension thereof.

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

PETER J. JOHNSON.

Witnesses:

M. E. WILKINSON,
O. W. HUNTER.