

W. C. McGill,  
Key-Hole Guard,

No. 54,383,

Patented May 1, 1866.

Fig. 1.

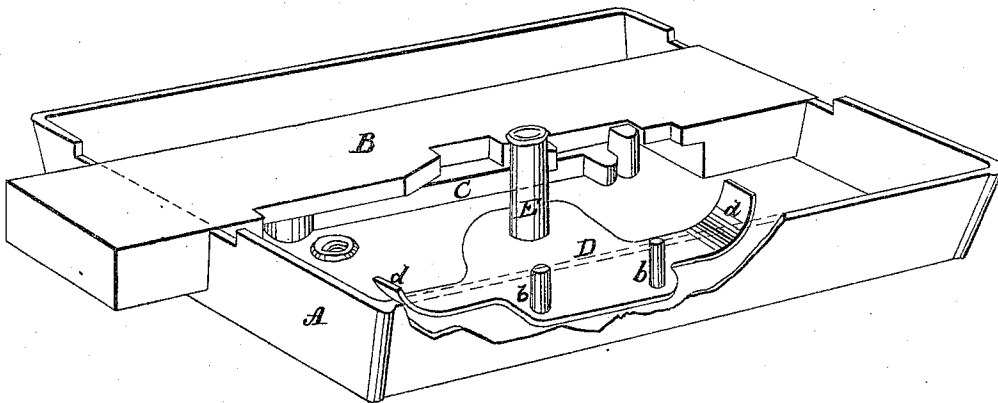
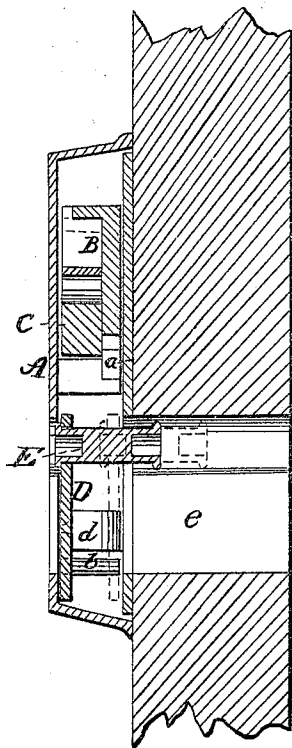


Fig. 2.



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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN LOCKS.

Specification forming part of Letters Patent No. 54,383, dated May 1, 1866.

*To all whom it may concern:*

Be it known that I, W. C. MCGILL, of Cincinnati, Hamilton county, and State of Ohio, have invented a new and useful Improvement in Locks, of which the following is a full and clear description thereof, reference being had to the accompanying drawings, making part of this specification.

My invention relates to a simple device, composed of a plate and tube, which completely covers the key-hole of the lock when the key is in it, preventing it being opened from the outside.

Figure 1 represents a perspective view of my improved lock, the back plate being removed, showing the arrangement of the interior parts. Fig. 2 is a transverse vertical section taken through the key-hole of the lock.

A is the body of the lock. *a* is the back plate, which is secured to the body of the lock A by screws.

B is the bolt, secured either open or shut by means of lock-bar C, lock-bar C being operated upon by the key previous to the throwing of bolt B.

Within the lock is the the metal plate D, large enough to cover the key-hole *e*, over which it is located.

At opposite extremities are springs *d*, secured to plate D. These springs bear upon

the back plate, *a*, which causes plate D to remain in contact with the body of the lock A.

*b* are guide-pins for plate D, and are secured to the body of the lock A.

The plate D is perforated opposite the key-hole *e*, and a freely-sliding tube, E, inserted.

Operation: In locking the door on the inside, the key having been inserted in the key-hole, a slight pressure is sufficient to press plate D against back plate, *a*, tube E passing out and filling a larger part of key-hole *e*. The bolt is then thrown and the door locked, the key being in the lock. The plate D is retained in contact with the back plate, *a*, effectually covering key-hole *e*, and preventing the picking of the lock from the outside.

Having described my invention, the use and operation of its various parts, I make the following claims, which I desire to secure by Letters Patent—

1. The plate D and springs *d*, operating and constructed as and for the purpose heretofore described.

2. The plate D, springs *d*, and tube E, constructed and operating substantially as above described and for the purpose set forth.

W. C. MCGILL.

Attest:

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