B. HELLMAN.

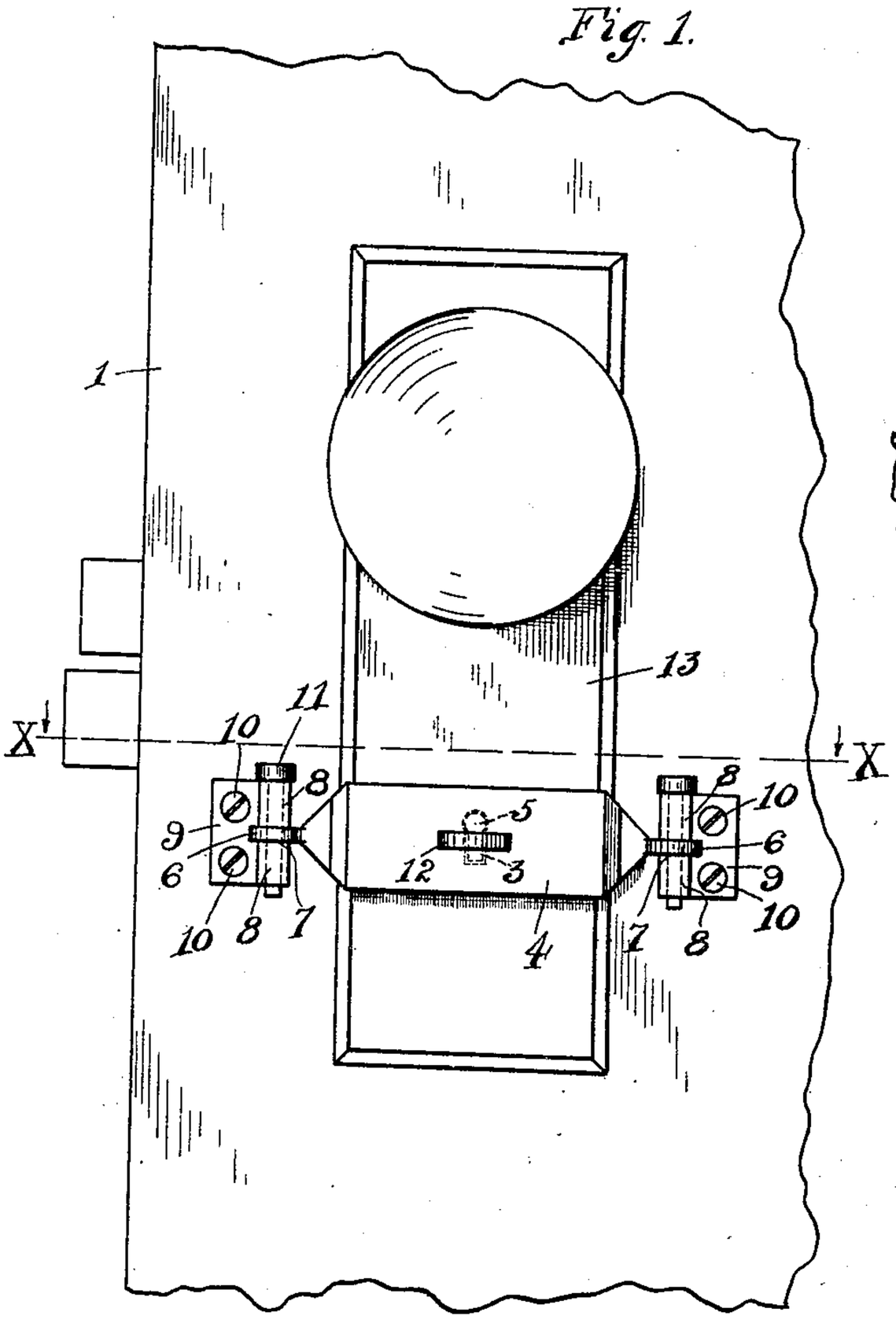
KEYHOLE STOP.

APPLICATION FILED JAN. 30, 1909.

925,101.

Patented June 15, 1909.

Fig. 1.



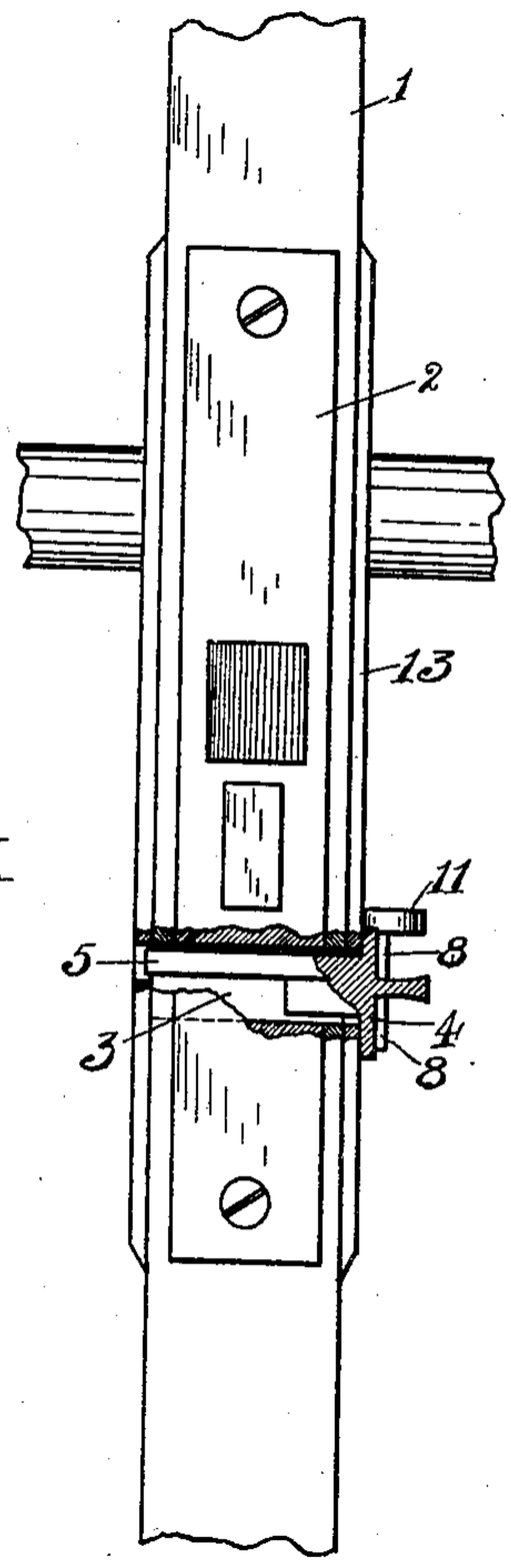


Fig. 2.

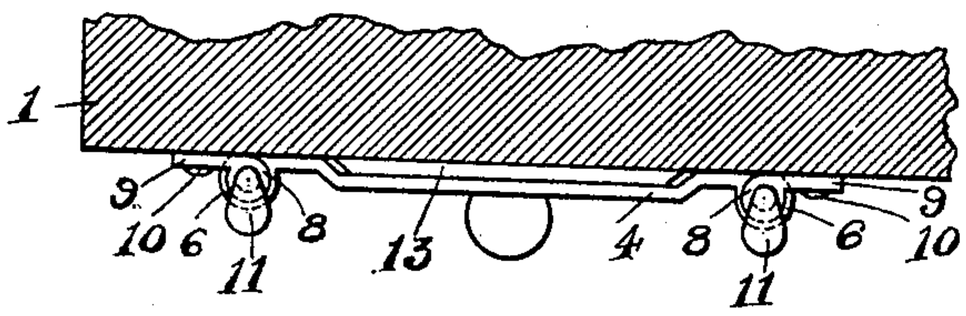


Fig. 3.

Witnesses:

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UNITED STATES PATENT OFFICE.

BENJAMIN HELLMAN, OF CHICAGO, ILLINOIS.

KEYHOLE-STOP.

No. 925,101. Specification of Letters Patent. Patented June 15, 1909.

Application filed January 30, 1909. Serial No. 475,231.

To all whom it may concern:

Be it known that I, BENJAMIN HELLMAN, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Keyhole-Stops, of which the following is a specification.

My invention relates to safety devices for doors.

The object of my invention is to provide a device of the character mentioned which will be adapted to be inserted into a key hole after the door has been locked and the key removed, the same being adapted to act in the capacity of a stop so as to prevent the insertion of another key into the key hole from the opposite side of the door. It is a known fact that not infrequently are houses entered and burglarized through the aid of a skeleton or master key in the possesion of the burglar, it being an easy task for a burglar so provided to gain access to a house through the door thereof.

It is the object of my invention to eliminate the possibility of the use of such keys for such purposes by the provision, as before stated, of a stop adapted to be inserted and securely held in a key hole.

A still further object of my invention is to provide a device as stated which will be highly efficient and one which will be simple of construction, hence of low cost to manufacture.

Other objects will appear hereinafter.

With these objects in view my invention consists generally in a stop characterized as above mentioned and in certain details of construction and arrangement of parts all as will be hereinafter fully described and more particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a front elevation of a portion of a door upon which is arranged the preferred form of my device. Fig. 2 is a side elevation thereof, portions being broken away so as to better illustrate the construction of my device, and Fig. 3 is a horizontal transverse section taken on the line *x*—*x* of Fig. 1.

Referring now to the drawings 1 indicates an ordinary door which is provided with any ordinary or preferred form of lock, 2 indicating the casing of the latter and 3 the key hole extending through said door and lock casing.

4 indicates an elongated plate, preferably formed of cast metal, from the central portion of one of the surfaces of which perpendicularly extends a projection 5, the same being preferably formed integrally with the portion 4. Said projection 5 is so formed as to be adapted to be snugly received in a key hole of ordinary form, such as that of the key hole 3 shown in the accompanying drawings, the same being of such a length as to be adapted to extend entirely through said key hole. The elongate plate portion 4 is formed at either of its extremities into a transversely disposed perforated ear 6. The ears 6 are adapted, when the portion 5 of the device is in position in the key hole of the door, to snugly rest in slots 7 provided in the tubular portions 8 of bracket members 9, the latter being fixed to the inside surface of the door 1 at either side of the key hole therein preferably by means of screws 10. The perforations provided in said ears 6 of the plate portion 4 are adapted when said ears are in position in said slots 7, to be in alinement with the passage through the tubular portions 8, removable lock pins 11 extending through the tubular portions 8 and the perforated ears 6 of the member 4, obviously facilitating securely holding the latter in position upon a door. An integral ear 12 projecting from the central portion of the front face of the plate portion 4 acts in the capacity of a finger piece, the same facilitating the ready arrangement upon or removal from a door, of my device.

As shown in Fig. 3 the plate portion 4 is preferably transversely channeled in construction, so as to accommodate the projecting key hole guard plate 13 ordinarily provided upon a door. However, such provision is not essential, as it is obvious that the brackets 9 could be so formed or could be spaced at such a distance from the inside surface of the door as to accomplish the same purpose.

By the provision of a device of such construction it is obvious that upon turning the lock and removing the key therefrom, the former may be inserted into the key hole and may be securely held in place therein, thereby preventing the insertion of a key from the opposite side of the door and hence obviating the possibility of unlocking the door until

said device is removed, which removal thereof is only possible from the inside.

While I have shown what I deem to be the preferable form of my invention, I do not wish to be limited thereto, as there might be many changes made in the details of construction and arrangement of parts without departing from the spirit of my invention.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. A device of the class described, comprising an elongated plate, a projection forwardly extending from said plate and adapted to fit snugly within a key hole, and means at each end of said plate for detachably locking the same upon a door to close the key hole, substantially as described.

2. A device of the class described, comprising a plate, a projection forwardly extending from said plate adapted to be snugly received in and extend substantially the entire length of a key hole, transversely disposed ears formed at the extremities of said plate, and means adapted to engage said ears whereby said plate may be removably secured to a door, substantially as and for the purpose specified.

3. A device of the class described, comprising a plate, a projection forwardly extending from said plate adapted to be snugly received in and extend substantially the entire length of a key hole, transversely disposed ears formed at the extremities of said plate, means adapted to engage said ears whereby said plate may be removably secured to a door, and a finger piece projecting from said plate, substantially as and for the purpose specified.

4. In a device of the class described, the combination with a door, of a plate, a projection forwardly extending from said plate adapted to be snugly received in and extend substantially the entire length of the key hole in said door, transversely disposed ears formed at the extremities of said plate, slotted tubular brackets provided upon said door adjacent to said key hole, the ears of said plate being adapted to engage the slots in said brackets, and lock pins adapted to extend through the tubular portions of said brackets and the perforations in said ears, substantially as and for the purpose specified.

5. In a device of the class described, the combination, with a door, of an elongate plate, a projection forwardly extending from said plate adapted to be snugly received in and extend substantially the entire length of the key hole in said door, transversely disposed ears formed at the extremities of said plate, slotted tubular brackets provided upon said door adjacent to said key hole, the ear formed extremities of said plate being adapted to rest in slots in said brackets, lock pins adapted to rest in and extend through the tubular portions of said brackets and the perforations in said ear formed extremities of said plate, and a finger piece projecting from the central portion of said plate, substantially as and for the purpose specified.

6. In a device of the class described, the combination, with a door, of an elongate transversely channeled metal plate, the channel in said plate being adapted to accommodate the key hole guard plate of said door, a projection forwardly extending from said plate adapted to be snugly received in and extend substantially the entire length of the key hole in said door, transversely disposed ears formed at the extremities of said plate, slotted tubular brackets provided upon said door at either side of said key hole, the ear formed extremities of said plate being adapted to rest in slots in said brackets, and lock pins adapted to rest in and extend through the tubular portions of said brackets and the perforations in said ear formed extremities of said plate, substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

BENJAMIN HELLMAN.

Witnesses:
JOSHUA R. H. POTTS,
HELEN F. LILLIS.