

F. D. JOHNSON.
KEY FASTENER.
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976,807.

Patented Nov. 22, 1910.

Fig. 1.

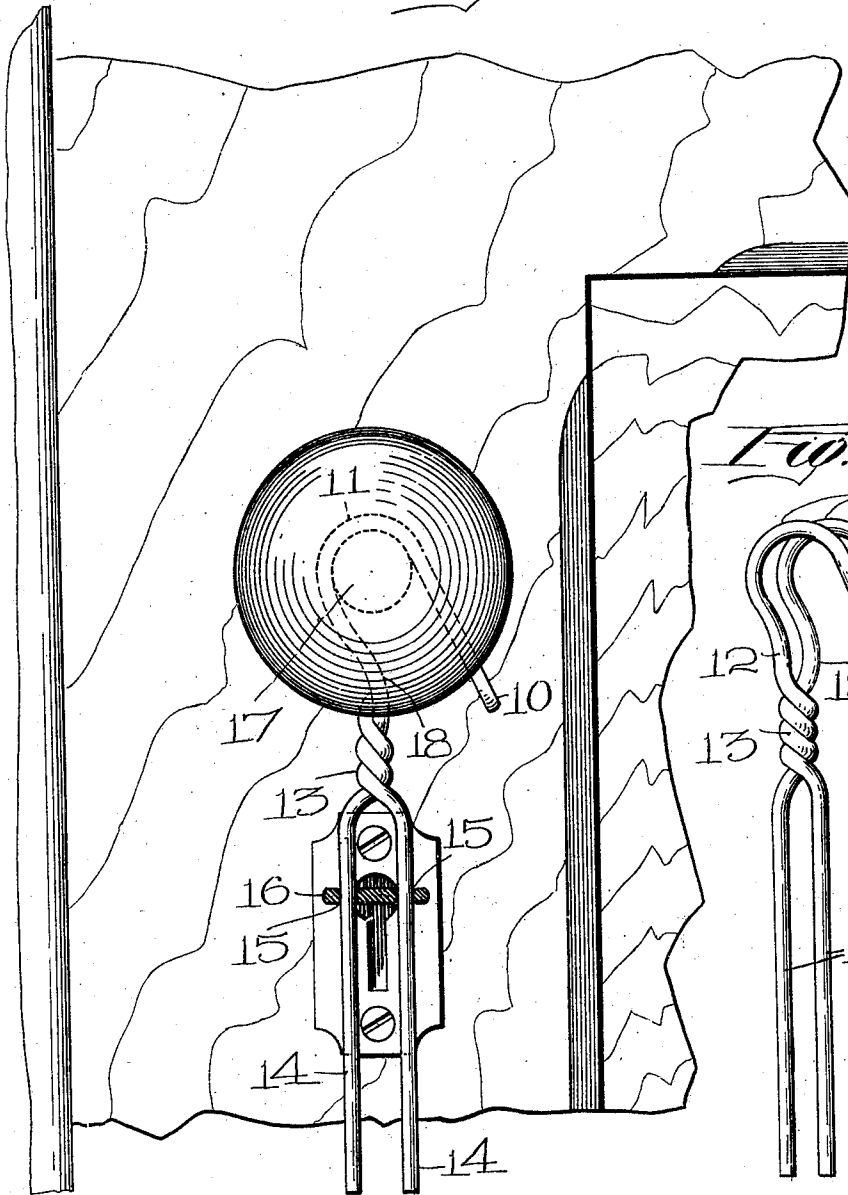
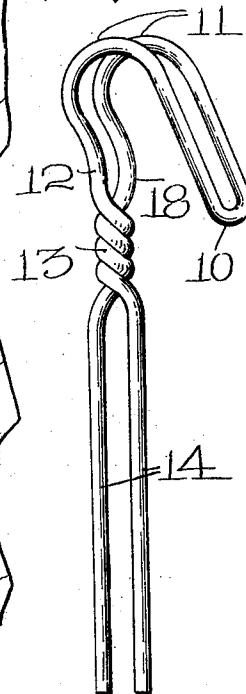


Fig. 2.



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UNITED STATES PATENT OFFICE.

FRANK D. JOHNSON, OF WORCESTER, MASSACHUSETTS.

KEY-FASTENER.

976,807.

Specification of Letters Patent.

Patented Nov. 22, 1910.

Application filed January 10, 1910. Serial No. 537,114.

To all whom it may concern:

Be it known that I, FRANK D. JOHNSON, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented a new and useful Key-Fastener, of which the following is a specification.

This invention relates to a fastener for a key to be used while the key is in the lock to prevent the turning or removal of the key.

The principal objects of the invention are to provide a simple and convenient form of key fastener suitable to be made of a single integral piece of wire having a firm hook thereon formed of doubled wire and a shank of additional firmness and provided with two legs connected with the shank so that these legs can be passed through a key having two eyes or a slot therein.

Further objects and advantages of the invention will appear hereinafter.

Reference is to be had to the accompanying drawings, in which—

Figure 1 is a front elevation of a portion of a door showing the key in cross section, with a preferred form of the fastener therein, and Fig. 2 is a perspective view of the fastener.

This fastener is made of a single piece of wire bent double at the center to form a loop or tongue 10. Both legs of this loop are bent at 11 to form a hook projecting from the main body 12 of the device. This main body consists of two parallel strands of wire in a plane at right angles to the surface of the door extending down from the top of the hook and twisted together at 13 so as to form a firm and secure body. The lower ends of the strands below the twists are separated to form parallel longitudinal legs 14. These legs are sufficiently far apart to enter the eyes 15 of a key 16 and hold the same in position while the hook hangs over the shank 17 of the door knob.

In order to present an obstacle to the lifting of the holder, and to make it hang straight it is provided with an inward bend 18.

From what has been said it will be seen that although the two legs have their ends

free and unobstructed and are especially designed to enter the eyes of a key, they can be used in a slotted key with equal safety and at the same time the body of the device is very securely made on account of the twists in the material. On account of having the two legs 14 in a plane parallel with the plane of the door and perpendicular to the plane of the body portion 12, and in fact of all the parts of the hook, it will be seen that any attempt to turn the key will meet with a very strong resistance which will be transmitted through the twisted portion to the hook and that the latter, being in a perpendicular plane, will prevent the whole device from being transversely bent out of shape. On account of the great strength of the device in proportion to the size of the wire employed and the simple way in which it is made and strengthened, it can be made with exceeding cheapness, and in fact smaller sizes of wire can be used than has been the case with fasteners for this purpose heretofore in use.

While I have illustrated and described a preferred form of the invention, I am aware that many modifications can be made therein by any person skilled in the art without departing from the scope of the invention as expressed in the claims.

Having thus fully described my invention, what I desire to claim and secure by Letters Patent is:—

1. As an article of manufacture, a key holder comprising a hook consisting of a wire bent double and formed into a hook with a front and rear portion thereof in parallel planes and having its ends arranged in the form of a pair of separated legs with their ends unobstructed, said legs being in a plane perpendicular to and between the planes of the parts of said hook and rigidly connected therewith, and a portion between the hook and legs being twisted together to form a firm body connection between them.

2. As an article of manufacture, a key holder comprising a pair of parallel legs adapted to be inserted into a pair of eyes in a key, said legs being twisted together above to form a body and having extending up-

wardly therefrom in a plane at right angles
to the plane of the two legs a body portion
bent around at the end to form a hook for
resting on a shaft of a door knob, and pro-
5 vided with an inward bend just below the
hook for preventing the holder from being
raised.

In testimony whereof I have hereunto set
my hand, in the presence of two subscribing
witnesses.

FRANK D. JOHNSON.

Witnesses:

ALBERT E. FAY,
C. FORREST WESSON.