No. 611,941. Patented Oct. 4, 1898.

M. E. ROBERTSON.

BOLT LOCK.

(Application filed Sept. 19, 1896.)

(No Model.)

Fig. 1.

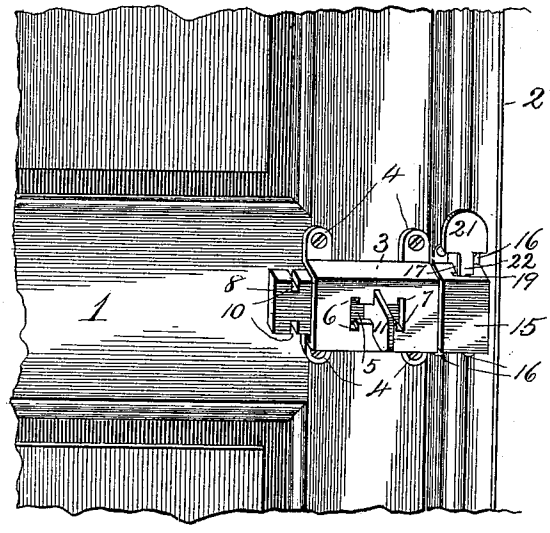


Fig. 2.

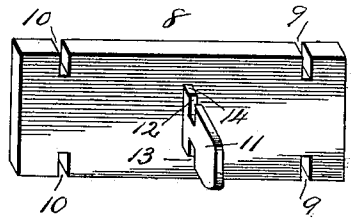


Fig. 3.

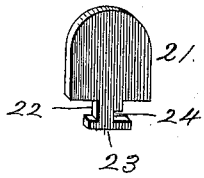
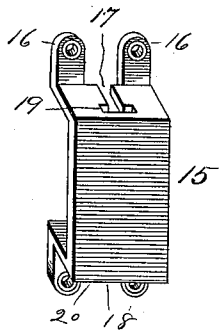


Fig. 4.



WITNESSES

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MARY ELIZABETH ROBERTSON, OF CHARLOTTESVILLE, VIRGINIA.

BOLT-LOCK.

SPECIFICATION forming part of Letters Patent No. 611,941, dated October 4, 1898.

Application filed September 19, 1896. Serial No. 606,424. (No model.)

To all whom it may concern:

Be it known that I, MARY ELIZABETH ROBERTSON, a citizen of the United States, residing at Charlottesville, in the county of Albemarle and State of Virginia, have invented certain new and useful Improvements in Bolt-Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to locking-bolts.

My object is to provide an improved and cheap as well as simple locking-bolt which can be quickly and easily applied to any door, window, or other closure, and can be placed in any preferred position, being always adapted to operate in a most satisfactory manner.

Having this object in view, my invention consists of a locking-bolt of novel and improved construction, as will appear more fully in the following description, appended claim, and accompanying drawings, in which—

Figure 1 is a perspective view showing the invention applied to a door; Fig. 2, a detail view of the bolt and locking-handle; Fig. 3, a detail view of the catch or key, and Fig. 4 a like view of that portion of the bolt-keeper in which the key or catch slides.

The numeral 1 designates a section of an ordinary door, while 2 represents a portion of the door-casing.

The numeral 3 represents the bolt casing or holder, which is provided with feet 4, through which fastening devices may be passed to secure said holder to the door. In the outer face of the holder there is cut a slot 5, which terminates at its opposite end in back cuts 6 and 7.

It will be seen that the holder or bolt-casing is open at both ends, so that the bolt itself, which will now be described, can be operated in either direction.

The numeral 8 designates the bolt or slide, which is adapted to work in the holder, being provided with upper and lower notches or cuts 9 at one end and similar notches 10 at the other end.

The numeral 11 designates the bolt-handle, which is suitably secured to the bolt and is provided with two cuts or notches 12 and 13, thereby providing a narrow neck 14, so that when the handle is at one end of the slot 5 the neck 14 will drop in one of the back cuts and the bolt be locked. The holder is wider than the bolt to permit of the latter being slid laterally, or, as shown in the drawings, up and down. This permits the locking action just described. Owing to the fact that upper and lower back cuts are provided, the position of the holder can be reversed, and hence the device can be placed in any position and yet be operated.

The numeral 15 designates my improved keeper, which is adapted to receive the projected end of the bolt, said keeper being provided with feet 16, which are suitably secured to the door-casing. Said keeper is open at both ends. At the top and bottom of the keeper there are formed the slots 17 and 18, which terminate at their outer ends in double notches or back cuts 19 and 20, respectively.

The numeral 21 designates my improved key or catch. Said catch is provided with a reduced neck 22 and a small head 23. The neck is provided with a back cut 24.

Ordinarily the neck is located in one of the double notches 19 or 20, as the case may be, and the notch 24 is provided, so that the key or catch can be turned up to allow said neck to be thus received. By this means the catch or key is held in position when not in use. When it is desired to use it, however, it is turned so that the neck is brought edgewise into the slot, and the key will then drop and allow the head 23 to enter one of the notches in the locking-bolt, so that the door will be securely locked.

There are many slight changes of construction that might be resorted to by a skilled mechanic in carrying out my ideas without detracting from any of the advantages of the invention, and hence it is to be understood that I do not limit myself to the precise construction as shown in the drawings and described heretofore, but consider that I am entitled to all those variations which properly come within the spirit and scope of the invention.

Having thus described my invention, what

I claim as new, and desire to secure by Letters Patent, is—

In a locking-bolt, the combination with a casing or holder, of a bolt movable therein, a keeper for said bolt which is provided with a slot and a back cut, and a key or catch having a head adapted for engagement with the bolt, a reduced neck, and a notch made in said neck, the neck being slidable in the slot and the notch permitting the key to be turned and received in the back cut.

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

MARY ELIZABETH ROBERTSON.

Witnesses:
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A. P. BIBB.