(No Model.)

W. S. JENKINS.

LOCK ATTACHMENT.

No. 605,720. Patented June 14, 1898.

Fig. 1

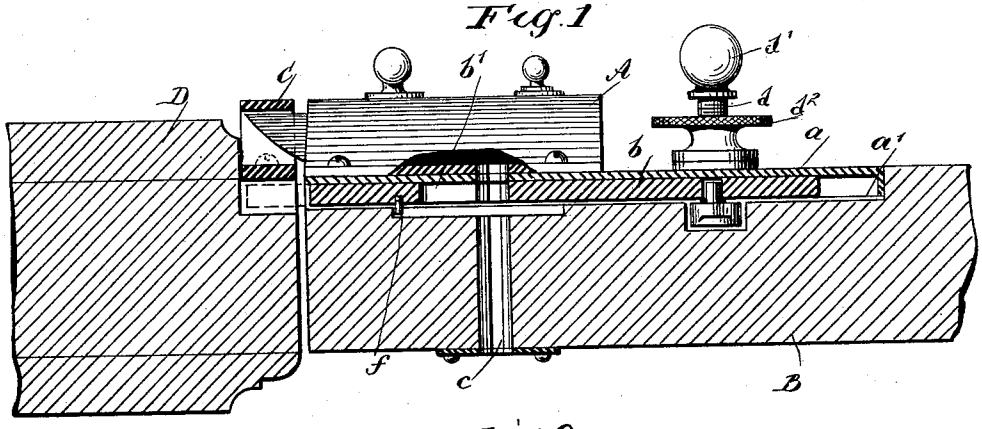


Fig. 2

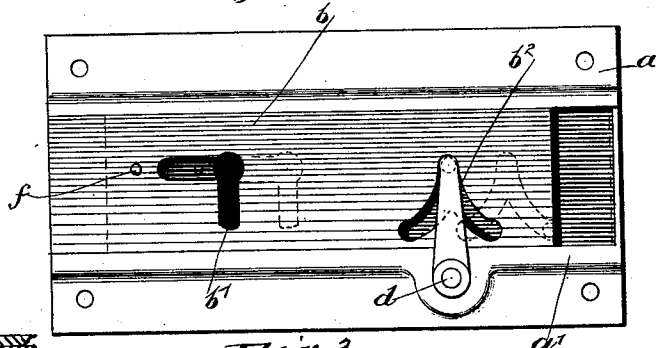


Fig. 6

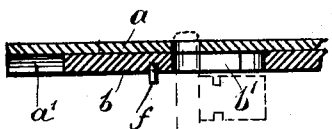


Fig. 3

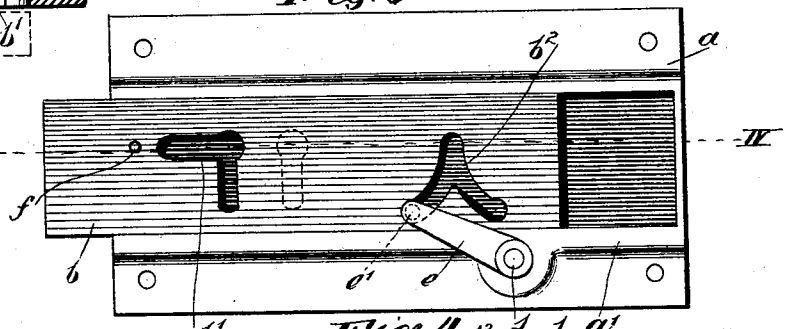


Fig. 4

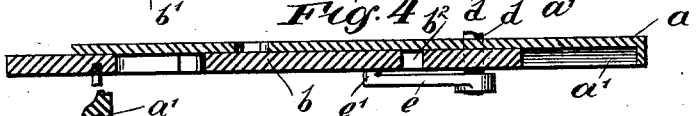
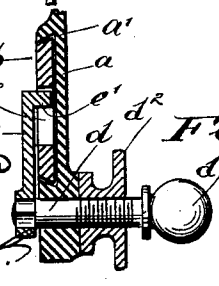


Fig. 5



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WILLIAM S. JENKINS, OF LICKING, MISSOURI.

LOCK ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 605,720, dated June 14, 1898.

Application filed October 6, 1897. Serial No. 654,306. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. JENKINS, of Licking, in the county of Texas and State of Missouri, have invented a new and Improved Lock Attachment, of which the following is a full, clear, and exact description.

This invention is an attachment for locks and latches by which it is possible to prevent the insertion of a key, to hold the key immovably in the lock, and to assist the bolt of the latch in its operation with the keeper.

This specification is the disclosure of one form of my invention, while the claims define the actual scope of the invention.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional view of my invention. Fig. 2 is an interior face view thereof. Fig. 3 is a similar view showing the parts in a different position. Fig. 4 is a sectional view on the line IV IV of Fig. 3. Fig. 5 is a detail section taken through the operating-knob of the lock attachment, and Fig. 6 is a fragmentary view illustrating the position of the key relative to the lock attachment.

The latch or lock A may be of the usual construction and is secured to the door B, so as to coact with the keeper C on the door-frame D.

Let into the door B is a face-plate *a*, extending beneath the latch A and to which the latch A is secured. The under face of the face-plate *a* has a slideway *a'*, in which the locking-plate *b* is mounted. The locking-plate *b* is capable of projecting outward from the door B, so as to engage beneath the keeper C, as shown by dotted lines in Fig. 1. In this position the plate *b* coacts with the bolt of the latch A, whereby to assist in holding the door closed.

The key to the latch A is inserted through an opening *c* in the door B. The locking-plate *b* has an L-shaped opening *b'* therein, the vertical part of which coincides with the keyhole *c* and the horizontal part of which is capable of receiving the shank of the key when the plate *b* is moved to the position shown by dotted lines in Fig. 2, in which latter position the plate *b* will lock the key immovably in the latch A. The plate *b* is provided with a pin *f*, adjacent to the opening *b'*, which prevents the key from being turned when the plate is moved to hold the key. By moving the plate *b* to the position shown in full lines by Fig. 3 the keyhole *c* will be closed and the insertion of the key will be impossible. Fig. 6 illustrates also the position of the plate *b* relative to the key when the plate is moved to hold the key in the latch.

The plate *b* is operated to slide on the plate *a* by means of a spindle *d*, mounted in the face-plate *a* and provided with a head *d'* and a lock-nut d^2. The inner end of the shank *d* has an arm *e* fixed thereto. This arm extends upwardly and has a stud *e'* projecting into a slot b^2, having the form of an inverted V and produced in the plate *b*. By swinging the shank *d* the locking-plate *b* will be moved to the various positions above described. When the pin *e'* is in the intermediate and uppermost portion of the slot b^2, the locking-plate *b* is in position to permit the insertion of a key into the latch. When the pin *e'* is in the left-hand end of the slot b^2, the plate *b* will be projected to the left to close the keyhole *c*, and when the pin *e'* is in the opposite or right-hand end of the slot b^2 the plate *b* will be held entirely within the slideway *a'* of the face-plate *a*.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination of a face-plate having a slideway, a lock-plate mounted in the slideway and having two slots, one of which is L-shaped and adapted for coaction with a key, and the other of which is V-shaped, a shank mounted to rock in the face-plate, and an arm fixed to the shank and having a portion engaged in the V-shaped slot of the lock-plate.

2. The combination with a latch and keeper, of a face-plate adjacent to the latch, a lock-plate sliding on the face-plate and capable of engagement with the keeper, the lock-plate having two slots one of which is L-shaped and juxtaposed to the keyhole of the latch and the other of which is V-shaped, a shank mounted in the face-plate, and an arm fixed to the shank and engaged in the V-shaped slot of the lock-plate.

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