No. 671,792. Patented Apr. 9, 1901.

E. F. COMBER.

LOCK BOLT.

(Application filed Jan. 2, 1901.)

(No Model.)

Fig. 1.

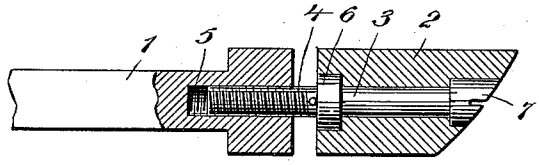
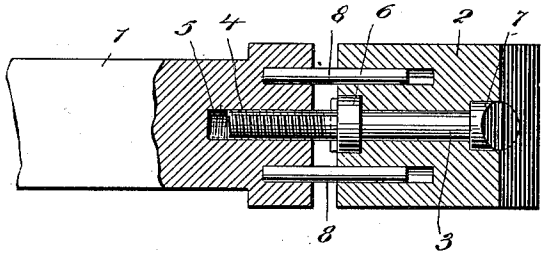


Fig. 2.



WITNESSES:

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EDWIN FREDERICK COMBER, OF SELKIRK, CANADA.

LOCK-BOLT.

SPECIFICATION forming part of Letters Patent No. 671,792, dated April 9, 1901.

Application filed January 2, 1901. Serial No. 41,869. (No model.)

To all whom it may concern:

Be it known that I, EDWIN FREDERICK COMBER, a subject of the Queen of Great Britain, and a resident of Selkirk, in the Province of Manitoba and Dominion of Canada, have invented a new and Improved Lock-Bolt, of which the following is a full, clear, and exact description.

This invention relates to improvements in bolts for door-locks; and the object is to provide a bolt that is lengthwise adjustable, so that under all conditions it will sufficiently clutch the hasp or bolt catch, such adjustment permitting of the bolt being made to engage securely with this hasp or catch in case of shrinkage of doors or frames without necessitating a resetting of a lock or its hasp.

I will describe a lock-bolt embodying my invention and then point out the novel features in the appended claim.

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 both the views.

Figure 1 is a longitudinal section of a bolt embodying my invention, and Fig. 2 is a longitudinal section at right angles to Fig. 1.

The bolt comprises an inner section 1, designed to be engaged with a lock mechanism in the usual manner, and an outer section 2, adjustable toward or from the end of the inner section. This outer section 2 is curved at its outer end in the usual manner, and extended longitudinally through the same is the shank portion 3 of a screw 4, the thread of which engages in the threaded longitudinal opening 5 of the inner section 1 of the bolt. The screw is prevented from longitudinal movement in relation to the portion 2 of the bolt by means of a collar 6, secured to the shank portion of the bolt and engaging in a recess at the inner end of the bolt portion 2, while the outer end of said shank 3 is provided with a head 7, which engages in a recess at the outer end of said section 2 of the bolt. The said head F is provided with a slot or kerf to receive a screw-driver for the purpose of turning the adjusting-screw.

The section 2 of the bolt is prevented from rotating relatively to the section 1 by means of guide-pins. These guide-pins 8 are here shown as connected by the section 1 of the bolt and extended into longitudinal openings in the section 2 of the bolt, these pins being placed at opposite sides of the adjusting-screw or bolt.

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

A lock-bolt, comprising two sections, an adjusting-screw mounted to turn in one section and having its thread engaging with the other section, and guide-pins extended from one of the sections and loosely engaging in openings in the other section, substantially as specified.

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

EDWIN FREDERICK COMBER.

Witnesses:

ROBT. BULLOCK,

CHARLES R. LITTLE.