

M. R. Green,

Bolt.

No. 108017.

Patented Oct. 4, 1870.

Fig. 1.

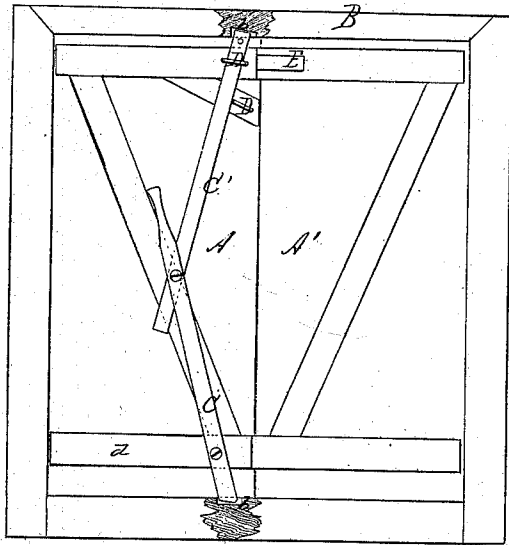
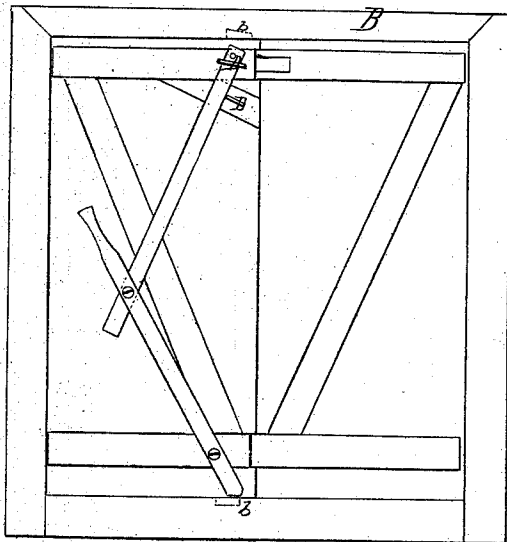


Fig. 2.



Witnesses.
Chas. H. May,
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United States Patent Office.

MELVIN R. GREEN, OF WARWICK, NEW YORK.

Letters Patent No. 108,017, dated October 4, 1870.

IMPROVEMENT IN BOLTS FOR BARN-DOORS, &c.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MELVIN R. GREEN, of Warwick, in the county of Orange, and State of New York, have invented a new and valuable Improvement in Door-Fastenings; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a pair of doors in elevation, provided with improved fastening.

Figure 2 is a similar representation, with changed position of fastening.

My invention relates to a novel arrangement of a pair of simultaneously-working toggle-bars, for the purpose of securing barn or stable-doors, or the like.

In the drawing—

A A' represent a pair of ordinary barn-doors.

B is the surrounding sill or frame, having the mortises *b* cut in the upper and lower horizontal bars thereof.

C C' are a pair of toggle-bars, of which C is swivelled to the lower cleat *d* of the door A, and C' made to slide within the guiding-staple D, the position of which may be changed to suit single or double doors.

The position in which the drawing represents it, as guiding the bar C', is proper for a single door, and likewise for double doors, when they are tongued and grooved, or provided with overlapping cleats or flanges.

In the absence of such provision, a block, E, properly flanged, may be secured to the door A', and the staple D, so placed that the bar C' shall slide behind said block.

The operation of the device is clearly illustrated in the drawing.

The door to which the toggles are applied is secured by pressing the handle of the bar C inwardly, causing the outer ends of the toggles to enter their respective mortises, *b*.

What I claim as my invention, and desire to secure by Letters Patent, is—

The arrangement of the toggles C C' and staple D, in combination with a single or double door, and sill, or equivalent, provided with the mortise *b*, substantially as and for the purpose set forth.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

MELVIN R. GREEN.

Witnesses:

JOHN BURT,
CHAS. E. TOLHURST.