

No. 657,194.

Patented Sept. 4, 1900.

W. R. FOX.

FASTENING DEVICE FOR TYPE WRITER COVERS.

(Application filed Feb. 25, 1899.)

(No Model.)

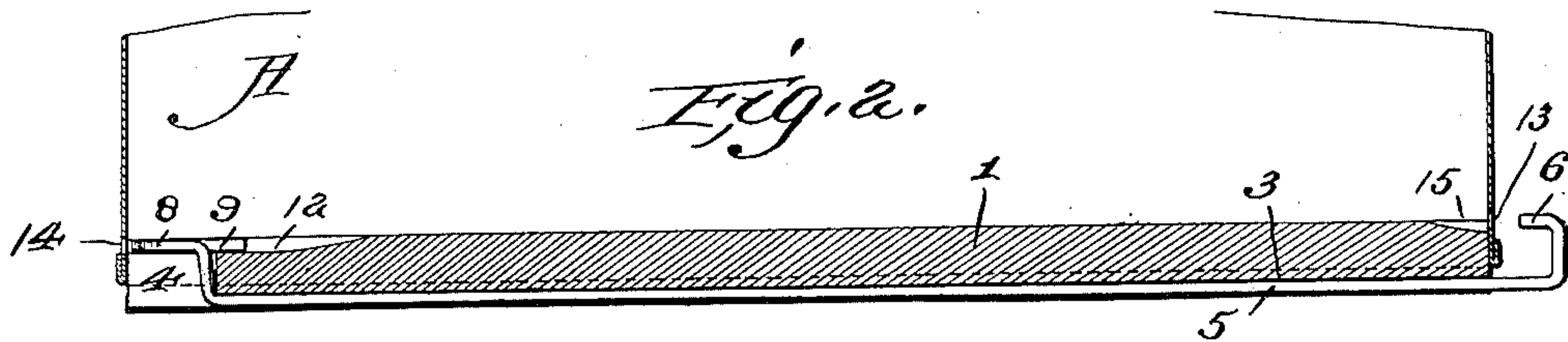
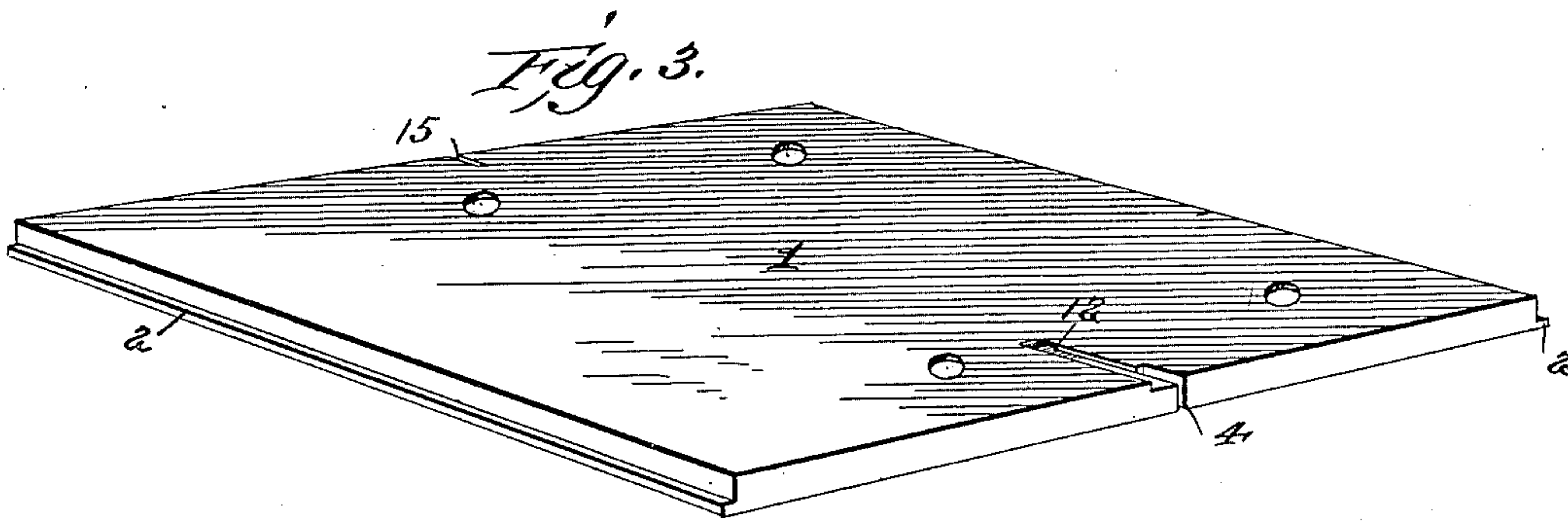
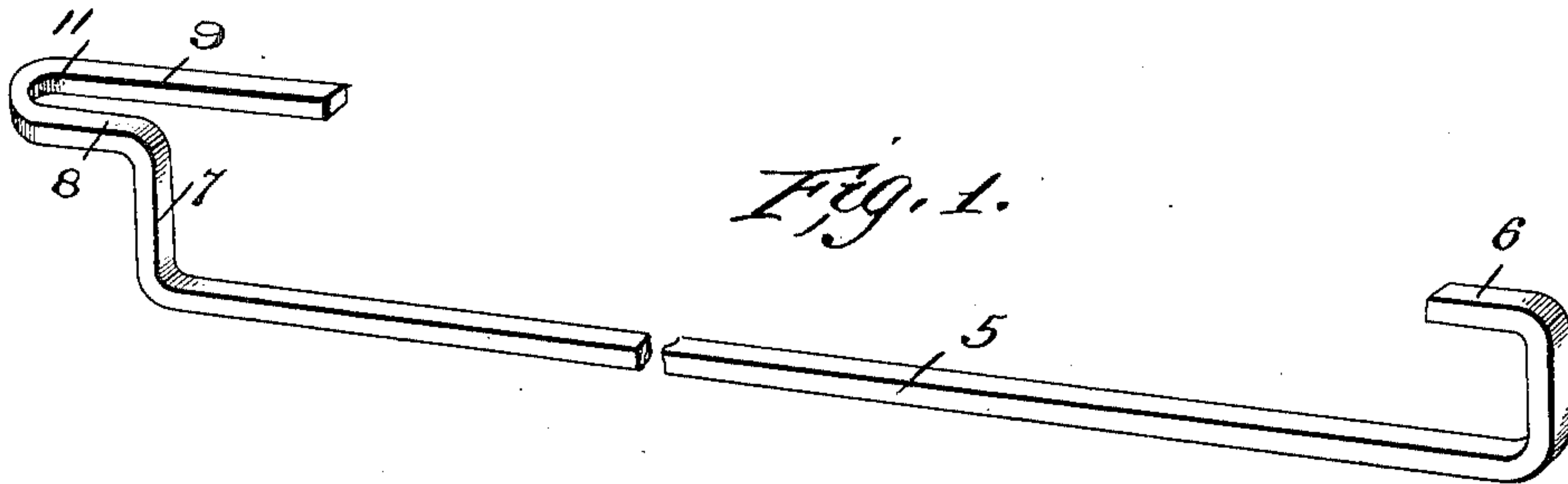
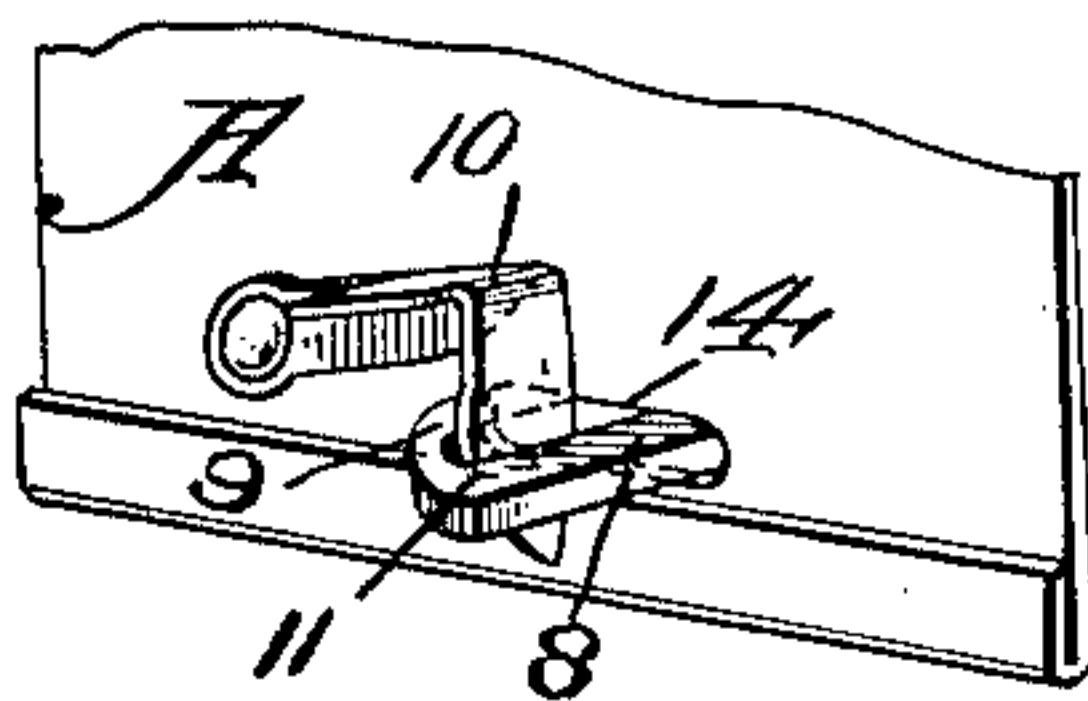


Fig. 4.



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# UNITED STATES PATENT OFFICE.

WILLIAM R. FOX, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO THE FOX MACHINE COMPANY, OF SAME PLACE.

## FASTENING DEVICE FOR TYPE-WRITER COVERS.

SPECIFICATION forming part of Letters Patent No. 657,194, dated September 4, 1900.

Application filed February 25, 1899. Serial No. 706,839. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM R. FOX, a citizen of the United States, residing at Grand Rapids, Michigan, have invented certain new and useful Improvements in Fastener Devices for Type-Writer Covers, of which the following is a specification.

My invention relates to locking devices for the covers of type-writing machines in which a sliding bar is made to lock the cover to the base on both sides.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the locking-bar. Fig. 2 is a sectional view through the base-board and a part of the casing or cover, and Figs. 3 and 4 are detail views.

In this invention I have sought to avoid the slotting, and thereby weakening, of the edge of the cover, and, further, to provide a construction such that the cover may shut down well over the base and the locking-bar may be completely formed and then put into place and be retained securely. The base, of otherwise ordinary construction, is provided with a transverse groove or seat underneath, having an open slot at one end for the reception of the locking-bar. The groove is shown at 3, and it is fitted to receive the bar and permit it to be freely moved from side to side. One end of the bar is turned upward and inward to form a bolt 6, which when the bar is pushed into locking position passes through a hole 13 near the edge of the cover and into a short groove 15 in the upper face of the base. This forms the lock on one side. The other end of the bar is turned vertically, as shown at 7, and from the upper end projects horizontally outward to form a bolt. As shown at 8, this is in the form of a loop 11, fitted to receive a latch. I have also shown this loop as formed with a lateral bend and an arm 9 in the same plane as the part 8, but extending farther inward. This front end of the bar is fitted to recesses or slots in the edge of the base. A vertical slot 4 receives the upturned end 7 and is so proportioned to the bar that the said bar may be pushed to allow the loop or locking end of the part 8 of the bar to lie within or flush with

the edge of the base, and the locking part of the other end of the bar will stand off at the same time to permit the cover to be shut down at both these edges. This is illustrated in Fig. 2. A shallow recess is made in the upper surface of the base, as shown at 12, to receive the loop or locking end of the bar and allow it to lie flush with the surface. An inspection of Fig. 2 will show that when the bar is moved the end 6 will enter its hole in the edge of the cover, and at the same time the locking end 11 will pass through the hole 14 in the opposite edge, thus locking the cover down at front and rear. A latch 10 on the cover may retain the bar in place, as shown in Fig. 4. The lateral arm 9 rests upon the base and holds the bar in place and from the loop of the locking end. The bar may be formed into its proper shape and then placed on the base. The front and rear edges of the base are rabbeted to form ledges 2, on which the edges of the cover rest, these being proportioned to bring the holes in the cover into line with the bolts, the ledges being of course below the plane of the holes in the edge of the cover in place. The low position of the locking-bar allows the cover to shut well down over the base.

I claim—

1. A locking-bar having upturned ends, with bolts thereon, one bolt projecting inward and the other outward, combined with a base having a seat in the under side adapted to receive said bar and permit it to slide therein, and a slot at one end adapted to receive the upturned end of the bar carrying the outward-extending bolt, and combined also with a cover having bolt-holes therein, the parts being proportioned and arranged substantially as described.

2. A locking-bar having upturned ends, with bolts thereon, one bolt projecting inward and the other outward, and laterally bent to form a loop, combined with a base having a seat in the under side adapted to receive said bar and permit it to slide therein and a slot at one end adapted to receive the upturned end of the bar carrying the outward-extending bolt, and combined also with a cover having bolt-holes therein, the parts



being proportioned and arranged substantially as described.

3. A locking-bar having upturned ends, with bolts thereon, one bolt projecting inward and the other outward and laterally bent to form a loop, combined with a rabbeted base having a seat in the under side adapted to receive said bar and permit it to slide therein, and a slot at one end adapted to receive the upturned end of the bar carrying the outward-extending bolt, and combined also with a cover having bolt-holes therein the parts being proportioned and arranged substantially as described.

4. In combination, the cover, the base-board having rabbets or projections to prevent the cover from passing entirely over the base-board and the single locking-bar there-

for extending across said board parallel with said rabbets, substantially as described.

5. In combination, the cover, the base-board having a locking-bar, said base-board having rabbets or projections near its bottom side to prevent the cover from passing entirely over the base-board, said locking-bar extending across the board parallel with said projections, and bolts at each end of said bar in a higher plane than said rabbets adapted to engage the cover, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM R. FOX.

Witnesses:

WM. C. HOERTZ,  
G. K. McMULLEN.