

(Model.)

R. P. HALL.

FASTENER FOR WINDOWS AND SHUTTERS.

No. 353,936.

Patented Dec. 7, 1886.

Fig. 1.

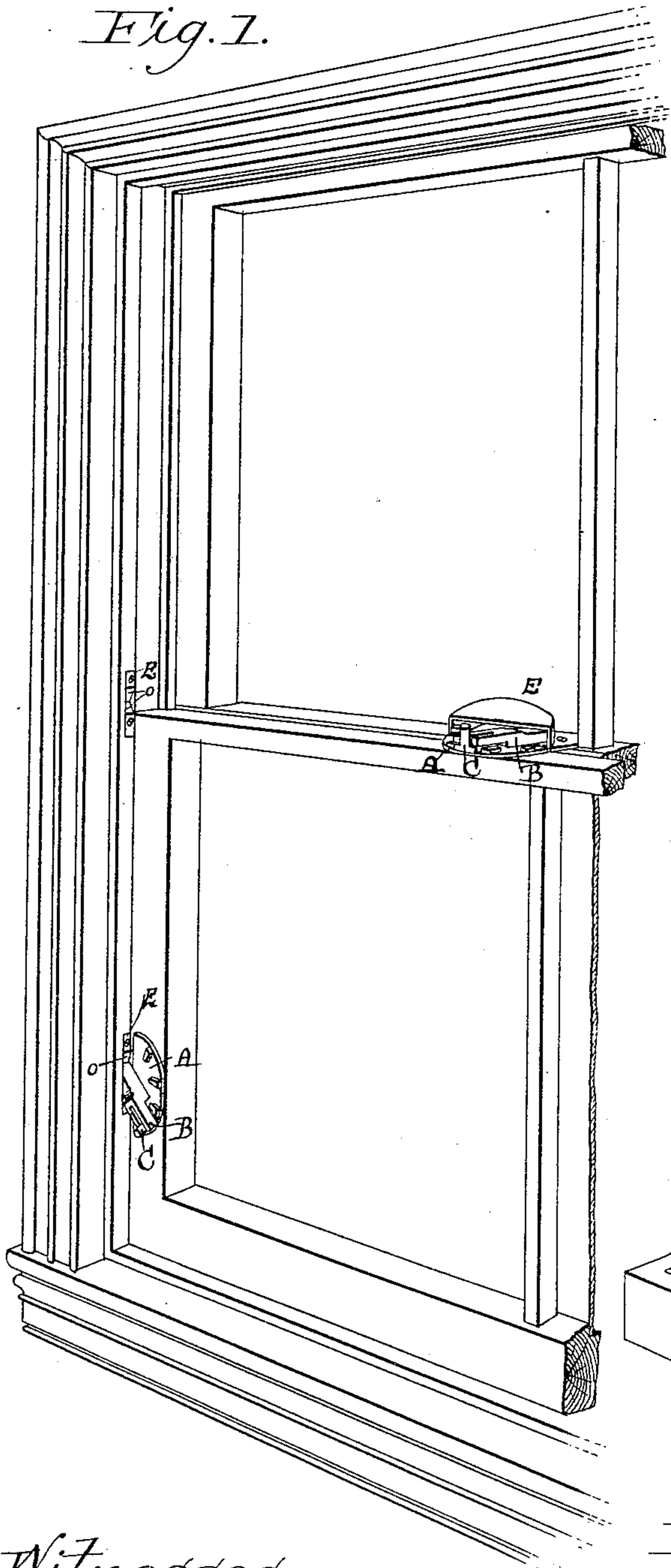
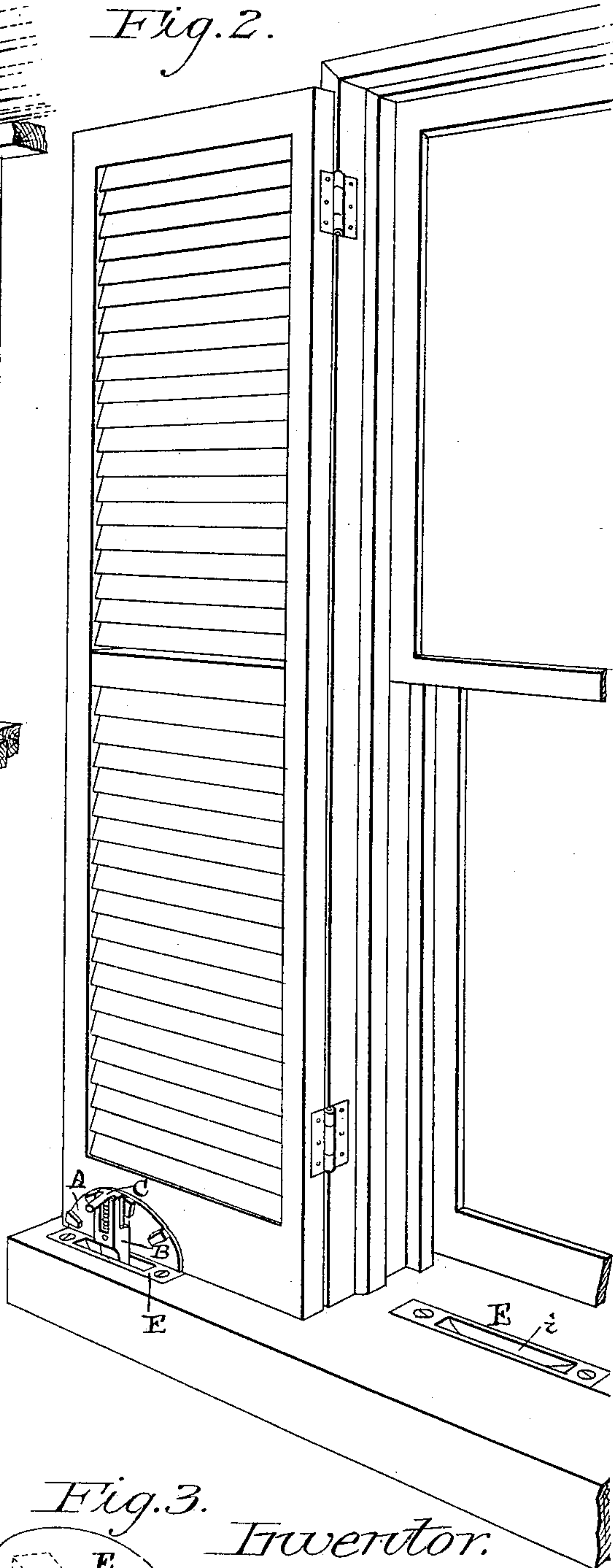


Fig. 2.



Witnesses:

Samuel C. Reeves
Nathan Wilkins

Fig. 4.

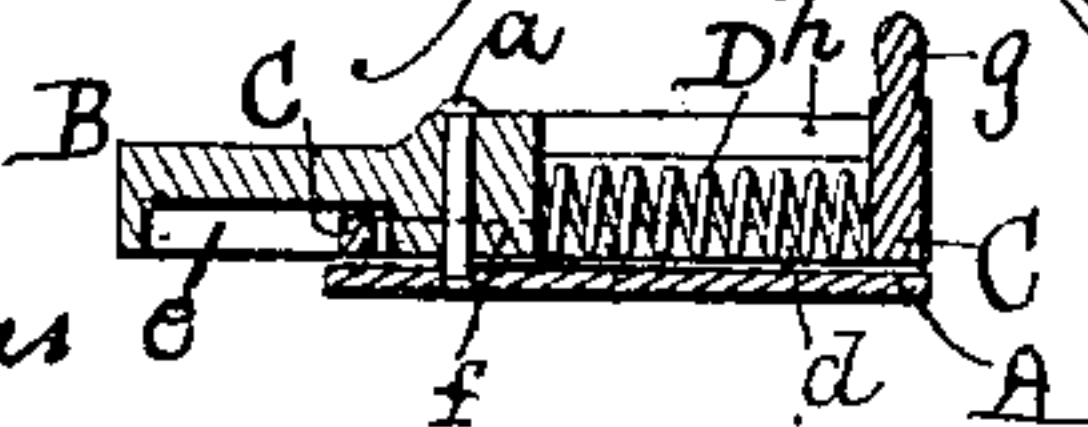
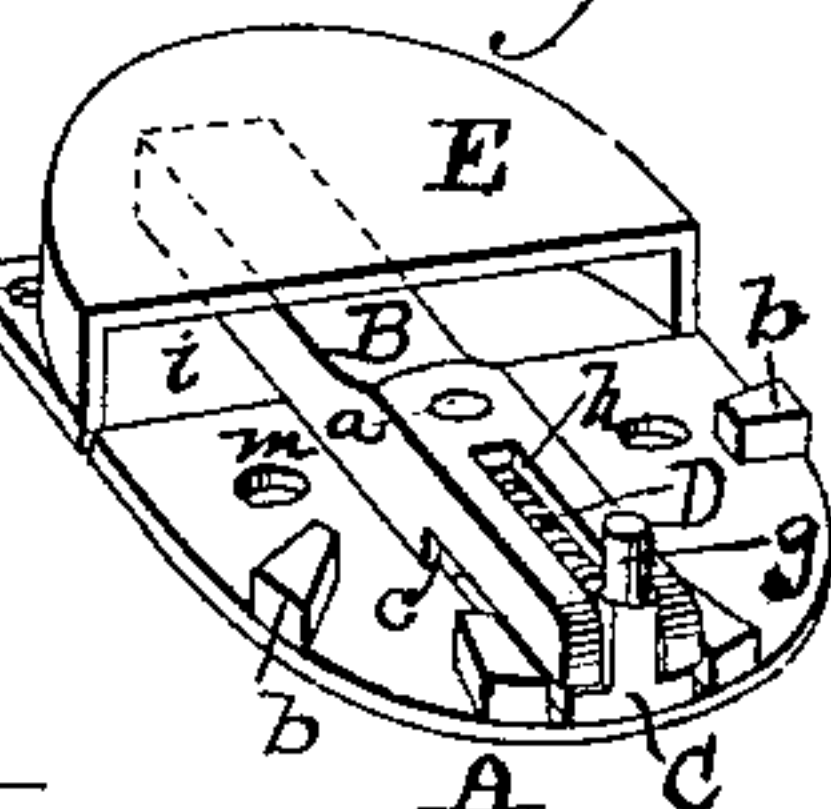


Fig. 3.



Inventor.

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UNITED STATES PATENT OFFICE.

REUBEN P. HALL, OF BURLINGTON, NEW JERSEY.

FASTENER FOR WINDOWS AND SHUTTERS.

SPECIFICATION forming part of Letters Patent No. 353,936, dated December 7, 1886.

Application filed April 2, 1886. Serial No. 197,534. (Model.)

To all whom it may concern:

Be it known that I, REUBEN P. HALL, of Burlington, in the county of Burlington and State of New Jersey, have invented certain new and useful Improvements in Sash and Shutter Fasteners, of which the following is a specification.

This improved fastener is equally well adapted for a shutter-fastener, a lock for the meeting-rails of sashes, or for a sash-holder to hold the sash at different heights. The fastener consists of two parts—a plate to which is pivoted a bolt carrying a sliding locking-catch and a socket with which the bolt engages.

The invention is illustrated in the accompanying drawings, in which Figure 1 is a perspective view of a window, showing the invention used as a sash-lock and a sash-holder. Fig. 2 is a perspective view showing the invention used as a shutter-fastener. Fig. 3 is a detail view of the fastening device; and Fig. 4 is a vertical section through the bolt, locking-catch, and their supporting-plate.

A is a plate, to which is pivoted by pin *a* a bolt, B. The plate is formed on its outer periphery with projecting stops *b b*. The bolt is recessed on its under side, as shown at *c*, so that it may swing over the stops *b b*.

C is the sliding locking-catch. This catch is a rectangular plate having an elongated slot, *d*, and it is held and slides in a recess, *e*, on the under side of the bolt, the boss *f* of the bolt, through which the pivot-pin passes, being embraced in the slot *d* of the catch. At its outer end the catch is held in the recess *e* of the bolt. On its outer end the catch has a projecting operating-pin, *g*, which slides in a slot, *h*, in the bolt. A coiled spring, D, held between the bolt and operating-pin holds the catch normally outward, the movement of the catch outwardly being limited by the boss *f*. This catch in its normal position, as shown in Fig. 3, is held between some two of the stops *b b* of the plate A, thus locking the bolt and preventing it from turning on its pivot. In order to release the bolt, the catch is pushed inward by the pin *g* until the end of the catch is disengaged from the stops,

and then the bolt may be freely turned on its pivot.

E is the socket, which is simply a metallic casting having a recess, *i*, in which the bolt enters. The socket shown in Fig. 3 is the kind employed when the fastener is used as a sash-lock.

When used as a sash-lock, the bolt-plate is secured to the lower sash, it being provided with screw-holes *m m* for that purpose, and the socket E is secured to the upper sash, it being also provided with similar screw-holes. This fastener constitutes an efficient lock, which cannot be tampered with from the outside. The bolt is locked positively, and cannot be turned on its pivot by the insertion of a sharp instrument between the sashes, and to release the bolt the catch must be pushed inward, which can only be done from the inside.

When used as a sash-holder, a number of the sockets E E are used, depending on the different heights to which the window is to be placed. Two are shown in Fig. 1. When used for this purpose, the socket-recess has inclined faces *o o*, against which the bolt engages by the catch being held, not between the central projections, *b b*, but between two of the outer projections, as shown. The sockets are embedded in the window-frame, and the bolt-plate is secured to the side rail of the sash.

When used as a shutter-fastener, the bolt-plate is secured to the shutter, and two sockets are employed for the open and shut positions of the shutter, being embedded in the window-sill. When closed, the shutter cannot be opened from the outside.

I claim as my invention—

1. The bolt-plate A, having a series of stops, *b b*, in combination with the bolt B, pivoted to the plate and recessed, so as to swing over the stops *b b*, a sliding catch, C, held and sliding in a recess in said bolt and arranged to engage with and be disengaged from said stops, and a socket, E, with which said bolt engages, substantially as set forth.

2. The bolt-plate A, having a series of stops, *b b*, in combination with a bolt, B, having a

boss, *f*, and a pivot-pin, *a*, carried by said plate and passing through said boss, said bolt further being recessed at *c*, so as to swing over the stops *b b*, and having a recess, *e*, and
5 slot *h*, a sliding catch, *C*, held and sliding in said recess *e*, and having slot *d*, which embraces boss *f*, said catch having an operating-pin, *g*, which slides in said slot *h*, and a spring,

D, which holds said catch normally in engagement with the stops *b b*, substantially as is set forth.

REUBEN P. HALL.

Witnesses:

THEODORE S. HORN,
WM. F. BRITTON.