

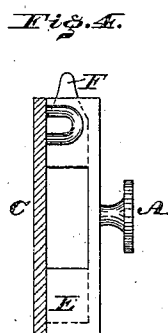
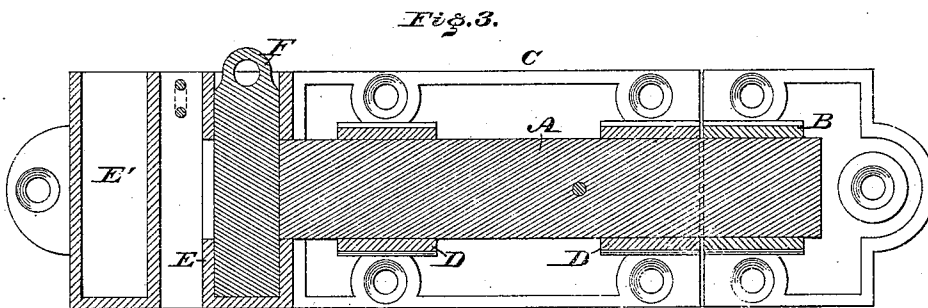
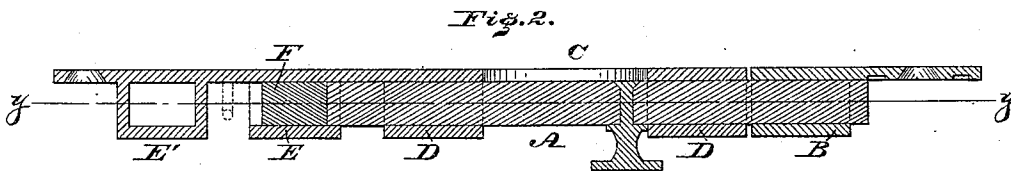
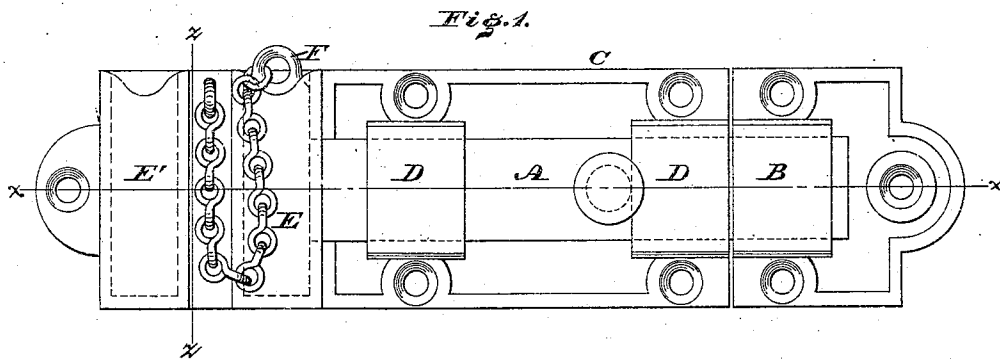
(No Model.)

A. W. HARRIS.

BOLT FOR DOORS OR SHUTTERS.

No. 313,328.

Patented Mar. 3, 1885.



WITNESSES:

So. P. Grant,
W. F. Fischer

INVENTOR:

Annie W. Harris.
BY *Julius Fiedersheim*
ATTORNEY.

UNITED STATES PATENT OFFICE.

ANNIE W. HARRIS, OF PHILADELPHIA, PENNSYLVANIA.

BOLT FOR DOORS OR SHUTTERS.

SPECIFICATION forming part of Letters Patent No. 313,328, dated March 3, 1885.

Application filed December 20, 1884. (No model.)

To all whom it may concern:

Be it known that I, ANNIE W. HARRIS, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Door and Shutter Bolts, which improvement is fully set forth in the following specification and accompanying drawings, in which—

10 Figure 1 represents a front view of a bolt embodying my invention. Fig. 2 represents a horizontal section in line *x x*, Fig. 1. Fig. 3 represents a vertical section in line *y y*, Fig. 2. Fig. 4 represents a vertical section in line
15 *z z*, Fig. 1.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of a bolt constructed and operating as hereinafter fully set forth
20 and definitely claimed.

Referring to the drawings, A represents a bolt, B the keeper thereof, and C the back plate, to which the guides D of the bolt are secured.

25 E E' represent two parallel pockets secured to the plate C at a right angle to the bolt A, both pockets being open at top, the pocket E having openings in its sides, so that the bolt A may pass therethrough. The pockets are
30 adapted to receive a bolt, F, which is provided with a suitable chain, so as to be prevented from being lost. When the bolt A is shot into the keeper, the bolt F is inserted into

the pocket E, and projects across the path of the bolt A, so that the inner end of the latter 35 is at the side of the bolt F, and is adapted to abut thereagainst, whereby the bolt A is prevented from being withdrawn from the keeper, and thus it remains controlled by said bolt F until the latter is properly removed, the bolt 40 A then being adapted to be shot back and in its passage moved through the openings in the sides of the pocket E, the pocket E' then limiting the return motion of the bolt A, and also serving as a receptacle for the bolt F, the 45 latter thus being nicely retained in inoperative position without interfering with the subsequent advance of the bolt A, which advance being accomplished, said bolt F is removed from the pockets E' and inserted in the 50 pocket E, thus again controlling the bolt A.

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

The bolt A, in combination with the bolt F 55 and the parallel pockets E and E', said pocket E having side openings which permit the passage of the bolt A, and a top opening to receive the bolt F, said pockets E and E' being connected with the back plate, C, all the 60 parts being constructed and operating as herein set forth.

ANNIE W. HARRIS.

Witnesses:

JOHN A. WIEDERSHEIM,
A. P. GRANT.