

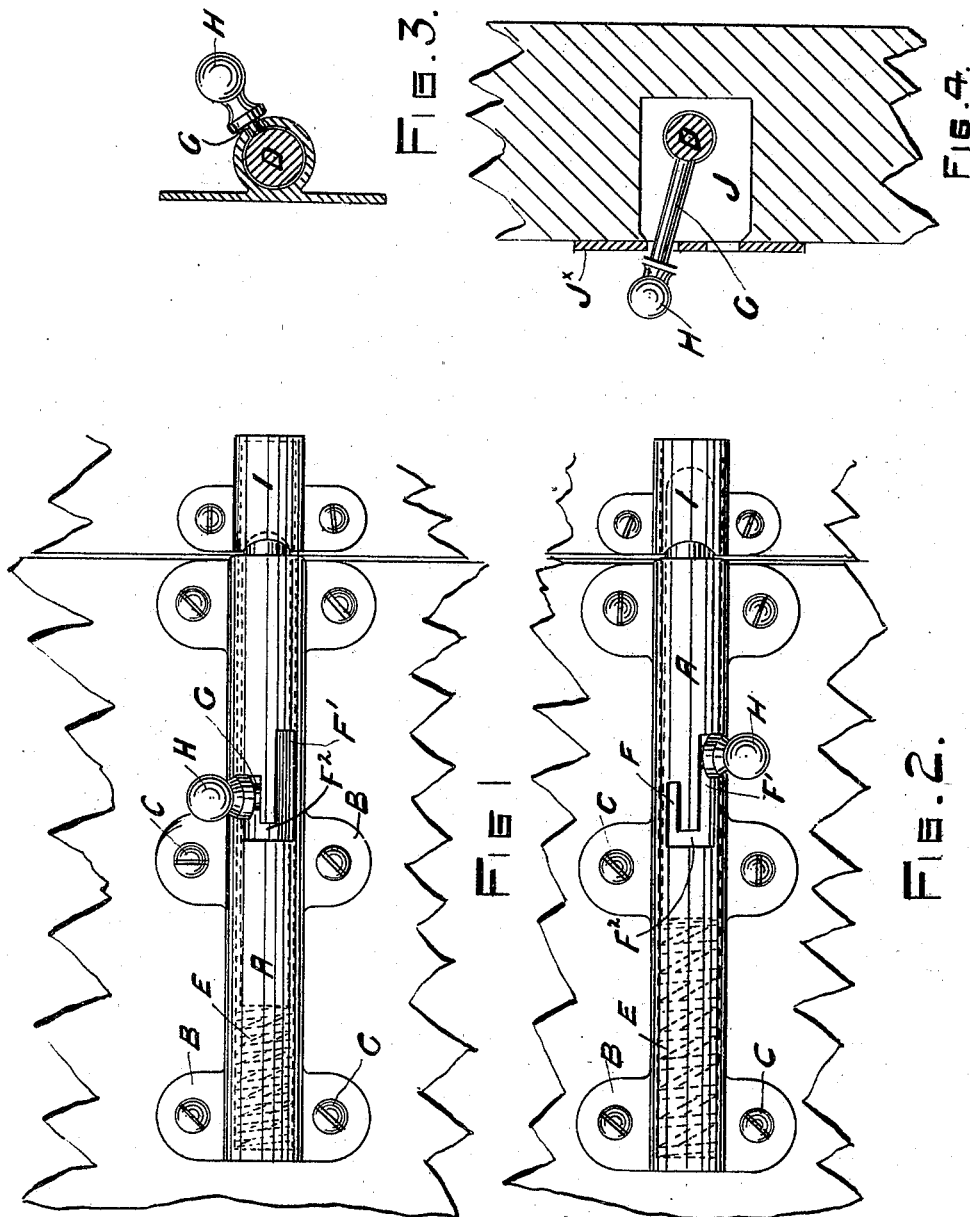
No. 647,103.

Patented Apr. 10, 1900.

S. MENDEL.
DOOR BOLT.

(Application filed Aug. 8, 1899.)

(No Model.)



WITNESSES
Geoffrey Andrews
Arthur Geesty

INVENTOR
Sam Mendel
by his ATTORNEY Walter Gunn.

UNITED STATES PATENT OFFICE.

SAM MENDEL, OF MANCHESTER, ENGLAND.

DOOR-BOLT.

SPECIFICATION forming part of Letters Patent No. 647,103, dated April 10, 1900.

Application filed August 8, 1899. Serial No. 726,605. (No model.)

To all whom it may concern:

Be it known that I, SAM MENDEL, a subject of the Queen of Great Britain and Ireland, and a resident of 150 Marlborough road, Manchester, England, have invented certain Improvements in Sliding-Bolts, of which the following is a specification.

This invention relates to and consists of a sliding-bolt fastening for doors, casements, and the like, the essential features of which are herein described, and pointed out in the claim.

On the accompanying drawings, Figure 1 represents a front view of my improved sliding-bolt fastening in the position it occupies when used as a catch. Fig. 2 represents a similar view of the sliding-bolt fastening in the position it occupies when used as a bolt. Fig. 3 represents a transverse section. Fig. 4 represents the application of the sliding-bolt fastening to a mortise.

Referring to Figs. 1, 2, and 3, A is a tubular casing provided with lugs B and holes in such lugs for securing the fastening by screws C to the door, casement, or other object to which it is applied. Within the said casing I mount a bolt D, which is an easy fit, and also within such casing and behind the bolt I mount a spiral or other spring E. (Shown dotted.) In the wall of the casing I form two parallel slots F F', which are of unequal lengths and are connected by a transverse slot F², and to the bolt D, I connect a stem or shank G, which passes through the slot F or F'

and upon the outside of the casing carries a knob or handle H.

By manipulation of the knob H the bolt may be caused to slide in the casing A and the stem G to play either in the shorter slot F, and thereby in relation to the staple I act as a latch, or in the longer slot F', and thereby in relation to the staple I act as a lock.

In Fig. 4 I show how the fastening is adapted for use with a mortise, a lateral opening J being formed in the wood for the stem G to pass through, as shown, and a plate J^x covering such opening, in which is a J-shaped slot.

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

In fastenings for doors, casements and the like, a spring-pressed bolt with rounded extremity, a stud laterally projecting from said bolt, a casing surrounding said bolt and the substance of such casing having two parallel slots of unequal length and a transverse slot connecting the parallel slots, wherein the said stud may play and when playing in the shorter slot adapting the bolt to act as a latch, and when playing in the longer slot adapting the bolt to act as a lock, substantially as herein set forth.

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

SAM MENDEL.

Witnesses:

WALTER GUNN,
GEOFFRY ANDREWS,