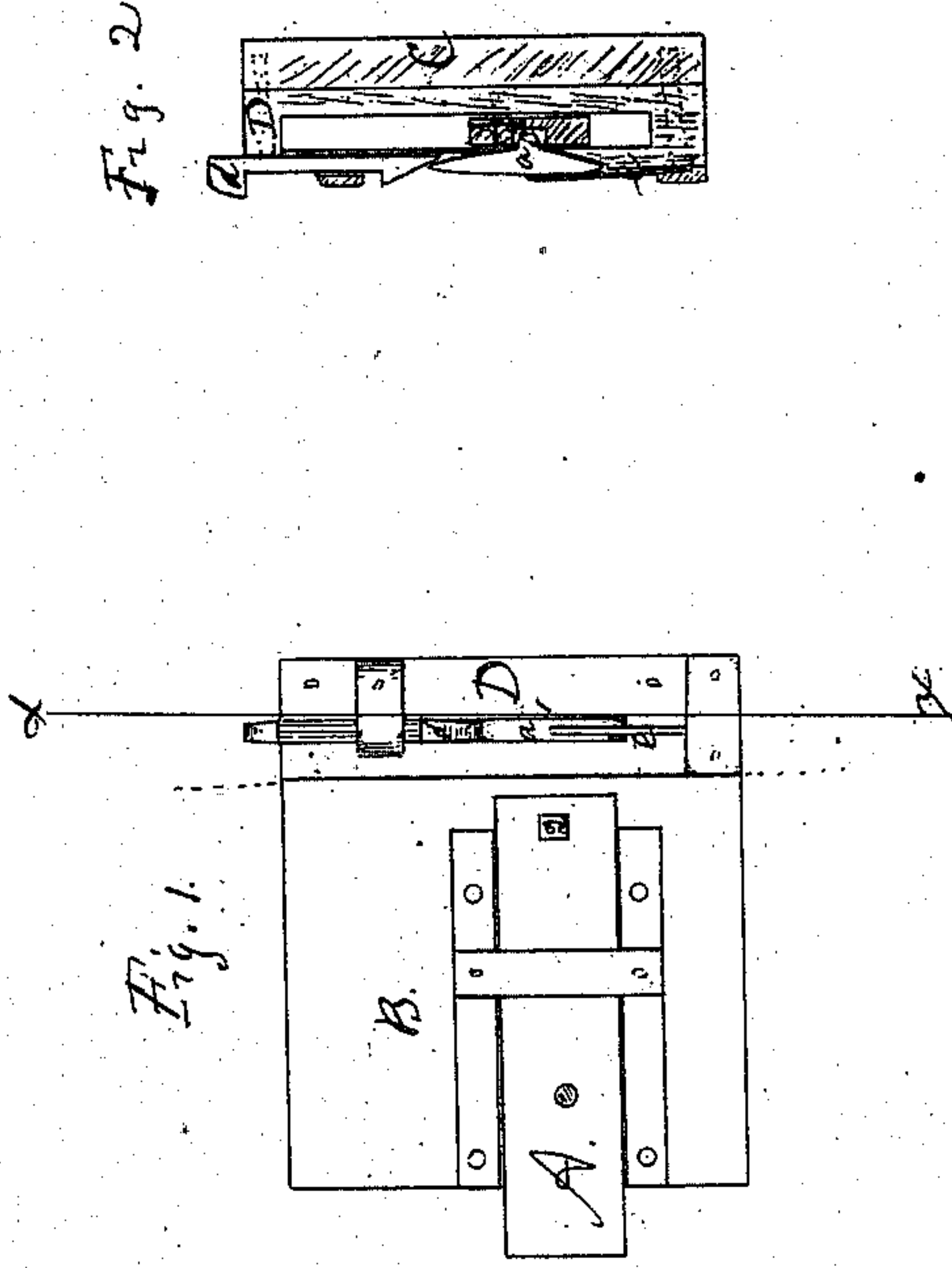


Enoch C. Stubbs
Bolt Fastening

PATENTED
MAR 10 1868

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Witness
H. P. K. P. K.
L. B. W. W.

Enoch C. Stubbs
Inventor
By his atty.
H. P. K. P. K.

United States Patent Office.

ENOCH E. STUBBS, OF WEST ELKTON, OHIO.

Letters Patent No. 75,488, dated March 10, 1868.

IMPROVED BOLT-FASTENING.

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, ENOCH E. STUBBS, of West Elkton, in Preble county, Ohio, have invented a new and useful Improvement in Bolt-Fastenings, which I denominate a Safety-Bolt; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

Figure 1 represents a front view of my improvement; and

Figure 2 is a sectional view, taken at the line *xx* of fig. 1.

In the drawings, A denotes a bolt for fastening a door. In the end of the bolt there is a recess or chamber, 2. C represents a portion of a door-jamb, to which the clasp D is made fast in the usual manner. There is secured to the outer portion of the clasp D, a spring, *e*, dog *a*, and key *d*, as represented in sectional fig. 2. The key *d* slides in a groove made longitudinally in the upper portion of the clasp, with its wedge-shaped lower end in such relation to the dog *a* as to slide beneath it and raise it, with its spring *e*, which holds the dog, with sufficient force to cause its detent, *i*, to enter an aperture in the clasp, and occupy the recess 2 in the end of bolt A, when the key *d* is withdrawn from beneath the upper end of dog *a*. The projection on the outer and upper end of key *d* is designed for the thumb of a person to conveniently move the key down to unfasten the bolt. The spring *e*, which rests against the dog *a*, is fastened to the clasp at one end, and the dog or tumbler *a* has a rocking action when moved by the key *d*, or depressed by the spring *e*. The action of the key is to be given by the hand of a person inside the house.

The advantage of placing the bolt-fastening in the clasp, instead of attaching it to the lock, as has been done, is to make access to it from outside the house much more difficult. The door-jamb to which the clasp is always attached, being always more firm and thicker than the door of the house, burglars cannot so easily and readily remove the bolt-fastening when so placed, as when in immediate connection with the door-lock.

When the key *d* is withdrawn, as indicated in fig. 2, the bolt may be thrust under the dog *a*, which will raise the dog, and cause the detent *i* to fall into the recess or chamber 2 of the bolt A, and the dog may be raised by depressing or sliding the key down with its wedge-formed end beneath the upper end of dog *a*, which raises the detent *i* out of recess or notch 2 in the bolt.

Lock-bolts have heretofore been fastened, after locking, by means of a lever, with a cam or projection in the upper edge of the lock, but these devices are so constructed as to be unfastened by means of any instrument which will penetrate the thickness of a door. The clasp with the bolt-fastening may be used to secure the bolts of locks, or bolts used separately from locks, and it may be substituted for the ordinary clasp, without any alteration of the lock or bolt, other than that of forming a recess or notch in the side of the bolt near its end, for the entrance of the detent *i*, which secures the bolt from being withdrawn until the key *d* is thrust down under the upper end of tumbler or dog *a*.

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

The combination of key *d*, dog *a*, and spring *e*, with the clasp D and recessed bolt A, when the several parts are constructed, arranged, and operate conjointly in the manner and for the purpose specified.

In testimony whereof, I have hereunto set my hand, this 4th day of June, 1867.

ENOCH E. STUBBS.

Witnesses:

H. P. K. PECK,

D. H. PECK.