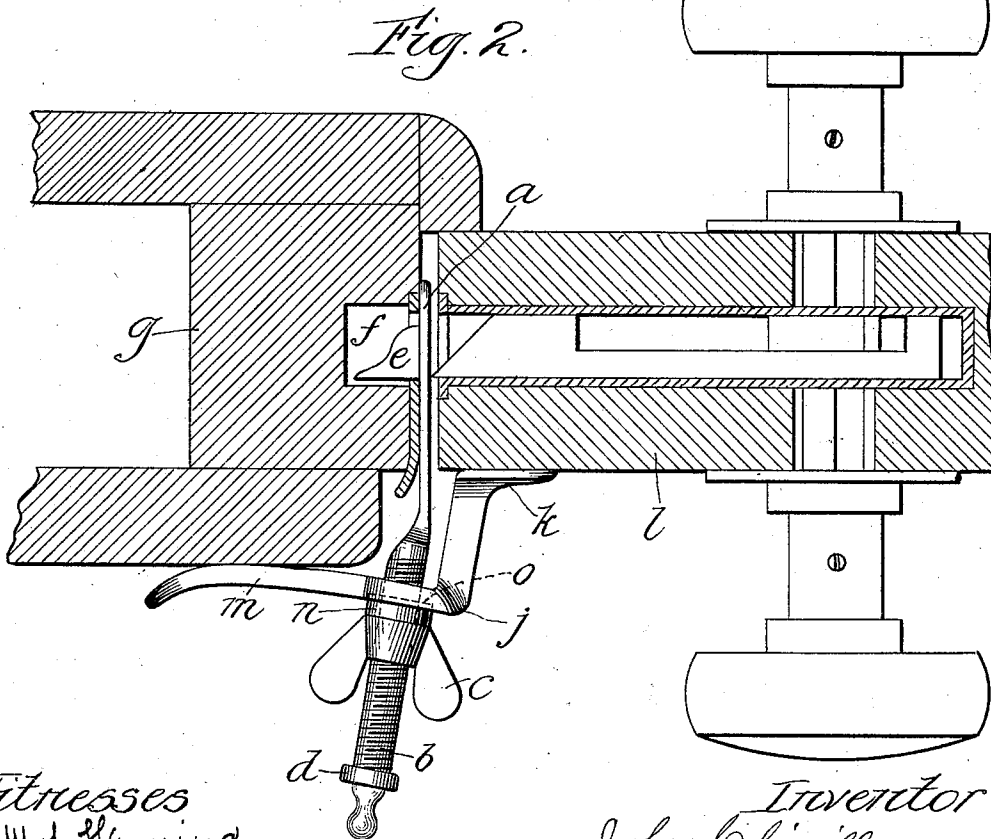
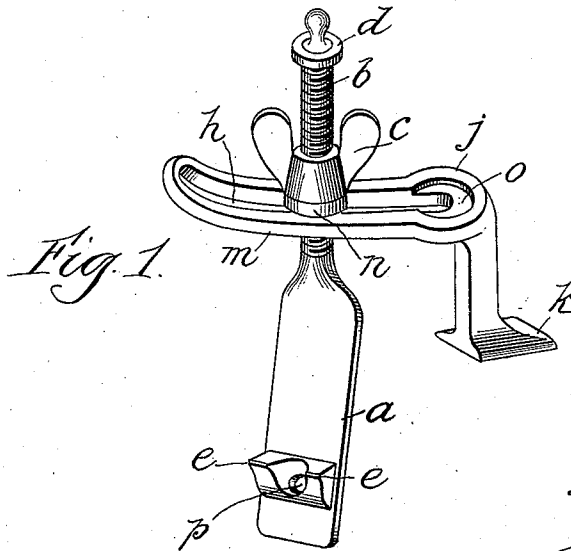


(No Model.)

J. CHIVILL.
DOOR FASTENER.

No. 540,423.

Patented June 4, 1895.



Witnesses
Wm. J. Hanning
S. M. Rheum.

Inventor
John Chivill
by David H. Fletcher, Atty.

UNITED STATES PATENT OFFICE.

JOHN CHIVILL, OF CHICAGO, ILLINOIS.-

DOOR-FASTENER.

SPECIFICATION forming part of Letters Patent No. 540,423, dated June 4, 1895.

Application filed February 25, 1895. Serial No. 539,698. (No model.)

To all whom it may concern:

Be it known that I, JOHN CHIVILL, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful
5 Improvements in Door-Fasteners, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in which like letters of reference
10 in both figures indicate corresponding parts.

The object of my invention is to provide a door-fastener which shall be preferably detachable and so constructed that it may be applied to any door having the ordinary mortise lock, or a mortise in the door post
15 corresponding to that used in connection with the ordinary lock, while at the same time it may be readily adapted to doors with varying kinds or without molding upon the door
20 post; the main purpose of my invention being to provide a detachable and portable door fastener adapted to the use of travelers and others who desire to secure a door from within so that it cannot be unlocked from without,
25 or the fastening thereof removed except by one upon that side of the door upon which the fastener is placed; all of which is hereinafter more particularly described and definitely pointed out in the claim.

30 Figure 1 of the drawings represents a perspective view of my improved fastener; and Fig. 2 is a horizontal sectional view of a door and door-post, showing a plan view of my improved fastener as the same appears when
35 in position to lock the door.

Referring to the drawings, *a* represents a flat metallic strap or bar upon which is formed a screw threaded stem *b* which is integral with the strap. A thumb-nut *c* is formed upon
40 the stem which nut is prevented from being removed by means of a shoulder or collar *d* formed upon or rigidly attached to the outer end of the stem. A detent *e* is formed upon the strap *a* and adapted to fit into the mortise
45 *f* of the door-post *g* Fig. 2.

The stem *b* is loosely inserted in a slot *h*, Fig. 1, formed in an arm *j* bent as shown which is provided with a foot *k*, adapted to rest against the door *l* intended to be fastened
50 as indicated in Fig. 2, while that portion of the arm in which the slot is formed, rests

against the molding of the door-post in the manner shown in said Fig. 2. A washer *n* is adapted to rest in a suitable indentation in the arm, such, for example as that shown at
55 *o* to prevent the arm from slipping under pressure.

Upon placing the parts in position and tightening the thumb-nut as shown in Fig. 2 the door *l* is securely fastened and cannot be
60 opened except by the party upon that side of the door upon which the fastening is placed.

The strap *a* is bent, as shown, at its juncture with the stem in order to permit the door to be opened readily when the thumb nut is
65 loosened.

If desirable to leave the fastener in place for use at any time, a screw can be inserted in the perforation *p*, thereby securing it to the door-post. Upon loosening the thumb-
70 nut *c* the arm or cross-bar *j* falls and hangs suspended from the stem *b* which permits the door to be readily opened.

My improved fastener is simple and cheap in construction, may be readily placed in
75 position or removed therefrom without injury to the door, and fills a long felt want in that it enables any person to carry with him at all times satisfactory means for locking doors in hotels or elsewhere which might not other-
80 wise be properly secured.

I am aware that door fasteners have heretofore been made having a screw threaded strap, a detent thereon adapted to fit in the mortise of the door post, a thumb nut and a
85 cross bar. I am also aware of the construction shown in the patent to C. A. Crongeyer, No. 258,024, in which an adjustable leg is employed to fit the device to the variation in the molding of the door jamb; but I make no
90 claim to either of these constructions, but inasmuch as my device fully overcomes a difficulty not heretofore successfully surmounted which adapts it to doors having varying forms of molding or no molding at
95 all upon the door post,

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

The combination with the strap *a* having the screw threaded stem *b* and bent as shown
100 at its junction therewith, of the detent adapted to engage the mortise of the door post, the

thumb nut, and the arm *j* bent as shown, aid
arm being provided with a foot *k*, slot *h* and
indentation *o* constructed and arranged as
described, whereby said arm may adapt it-
5 self to the variations in the form of the door
post, substantially as described.

In testimony whereof I have signed this

specification, in the presence of two subscri-
ing witnesses, this 19th day of February, 1895.

JOHN CHIVILL.

Witnesses:

D. H. FLETCHER,

W. H. CHAMBERLIN.