

J. H. SWIFT.
DOOR-CHECKS.

No. 178,976.

Patented June 20, 1876.

Fig. 1

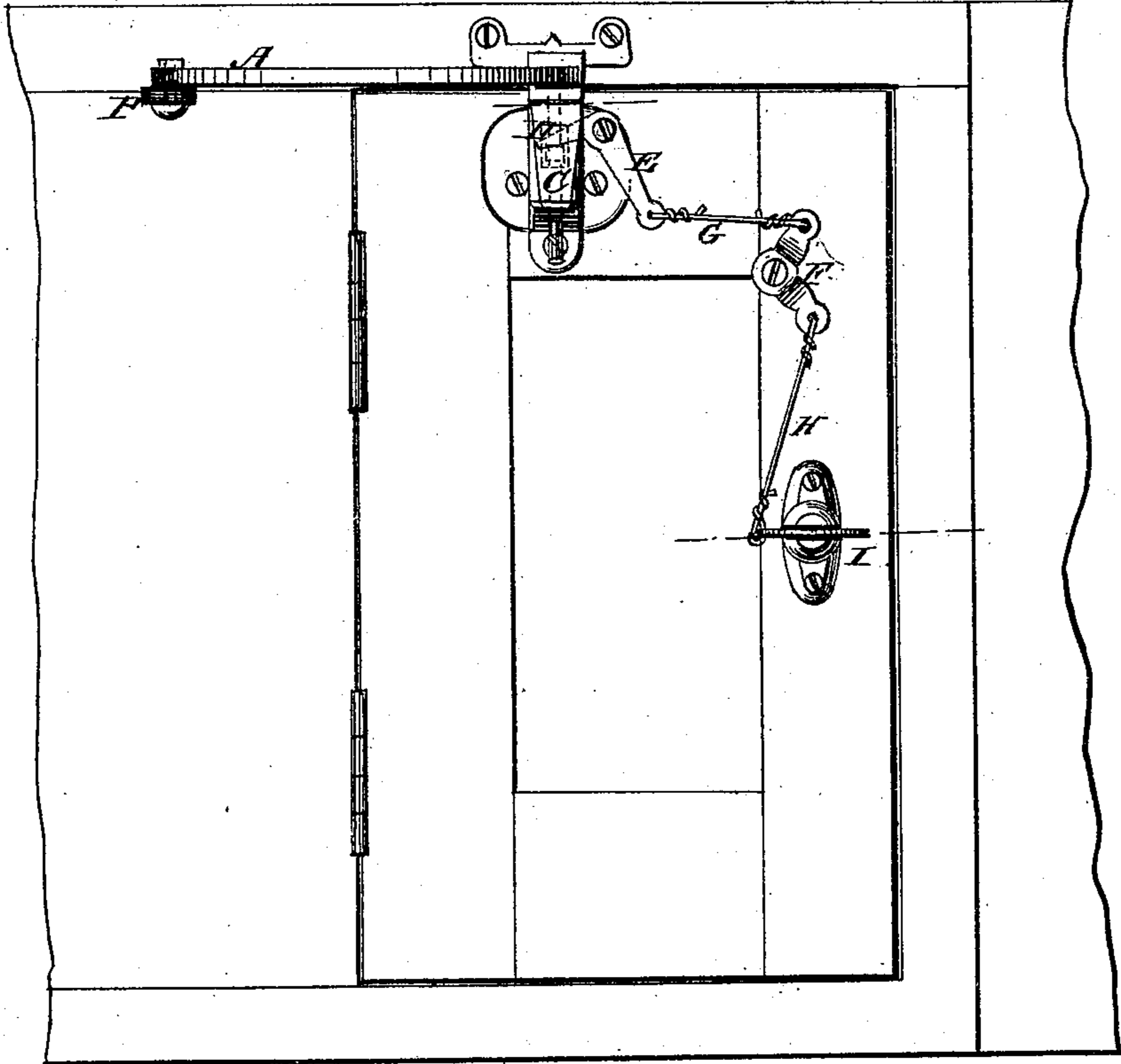


Fig. 2

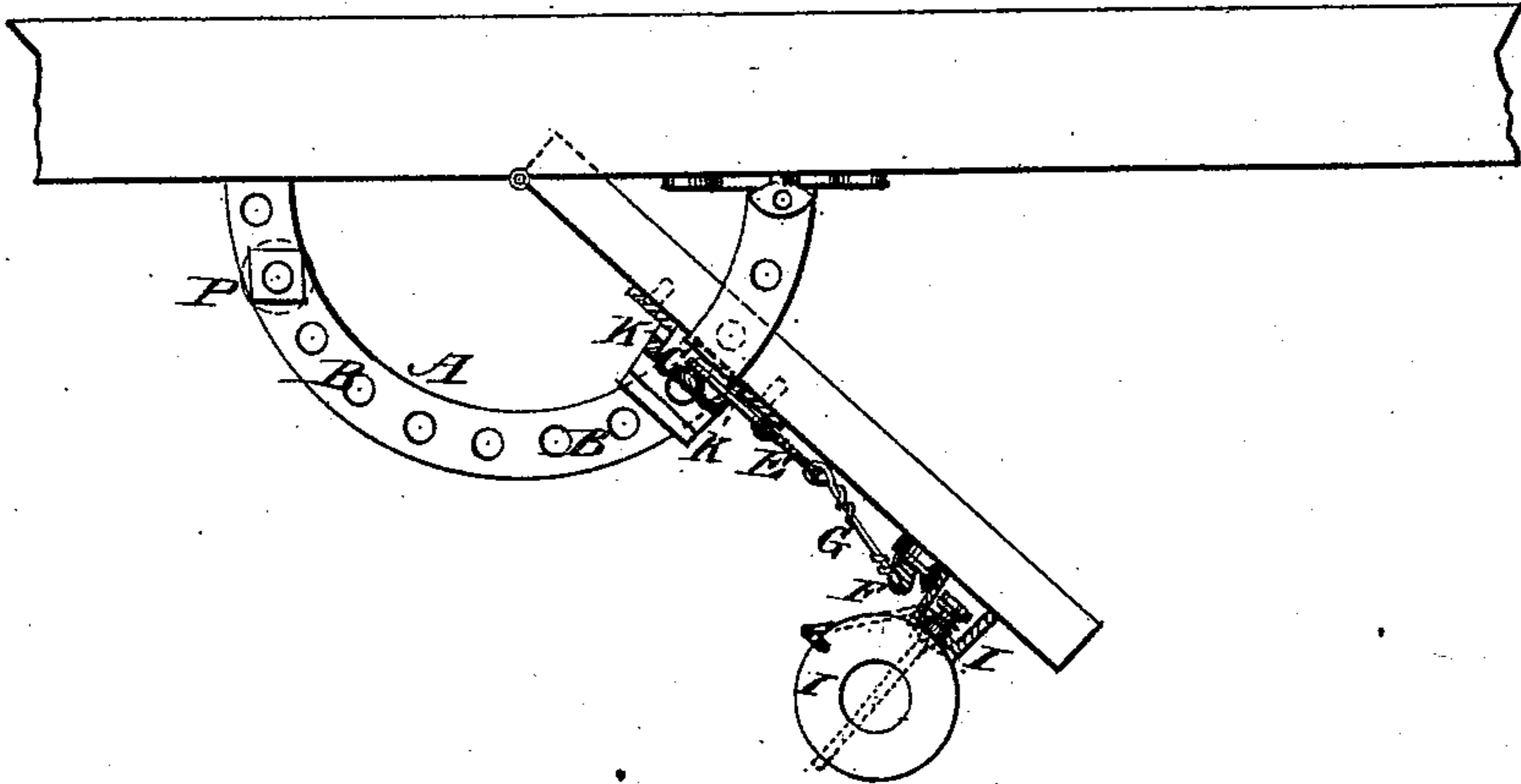
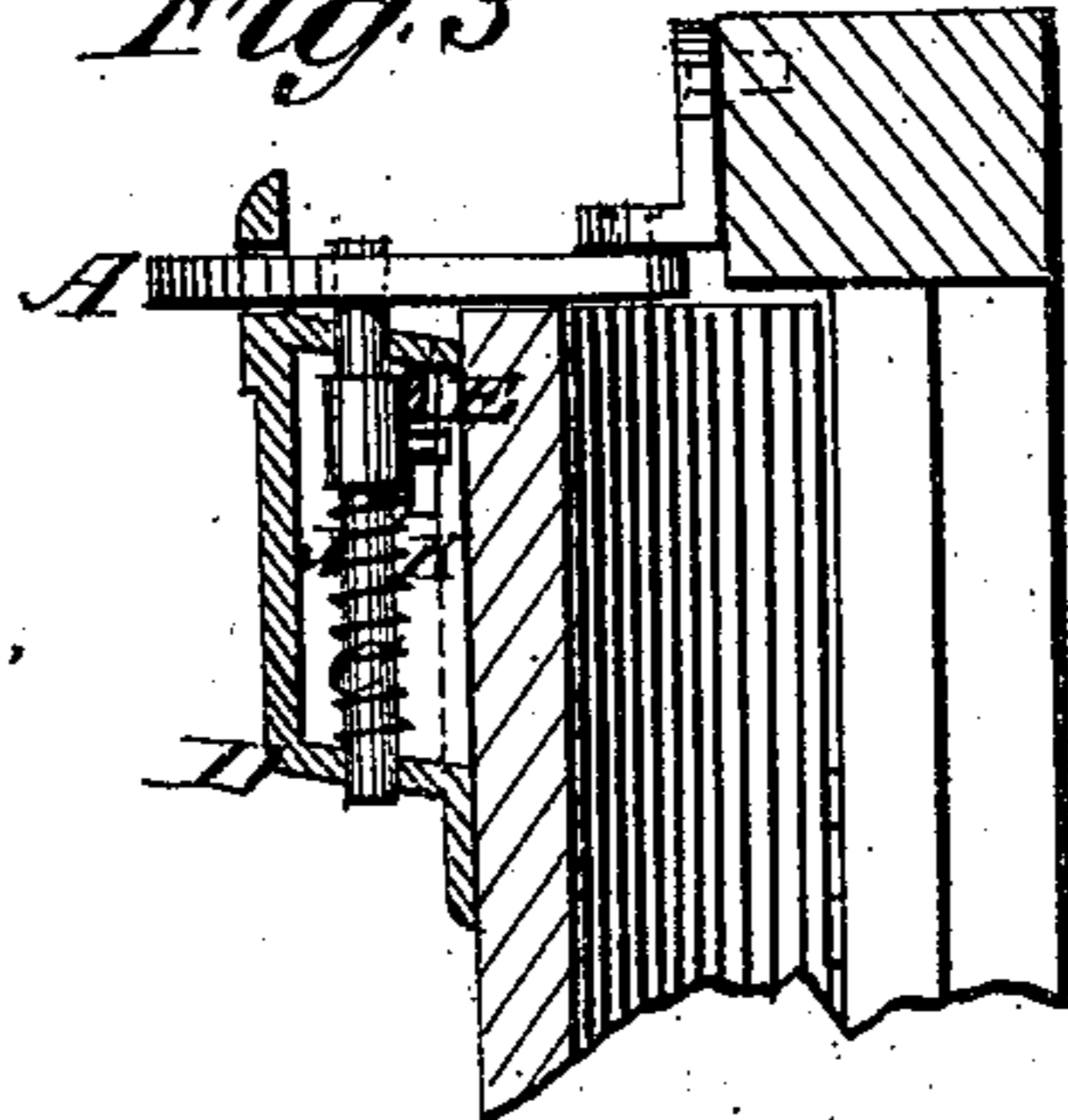


Fig. 3



WITNESSES:

Francis Mc Ardle,
John Goethals

INVENTOR:

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BY

Wm. H. Swift

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES H. SWIFT, OF EVANSVILLE, INDIANA.

IMPROVEMENT IN DOOR-CHECKS.

Specification forming part of Letters Patent No. 178,976, dated June 20, 1876; application filed April 18, 1876.

To all whom it may concern :

Be it known that I, JAMES HENRY SWIFT, of Evansville, in the county of Vanderburg and State of Indiana, have invented a new and Improved Door-Fastening, of which the following is a specification :

The invention consists in the improvement of door-checks by attaching to door-frame a curved or arc bar having a series of bolt-holes, and so arranged as to pass through a slot of the bolt-case, as hereinafter more fully described and definitely claimed.

Figure 1 is a side elevation of a door with my improved fastener. Fig. 2 is a horizontal section on line *x x*. Fig. 3 is a vertical section.

A is the curved bar, fastened to the facing of the door-frame above the door, and having a series of bolt-holes, B. C is the spring-bolt, arranged vertically in a case, D, attached to the door, and connected, by bell-cranks E F and wires G H, to the knob I, so that by turning the knob the bolt will be pulled out of the

bar, to allow the door to swing. The spring J throws the bolt back into the holes of the bar to lock the door. The bolt-case is slotted on both sides, at K, to connect the bell-crank E, for right or left hand doors. P is a cushion to prevent the door from swinging too far back.

The apparatus being located at the top of the door, it is entirely out of the way, and it avoids the use of the objectionable Z-stops sometimes used on the floor or the base-board.

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

In door-checks, the curved or arc bar A, attached to door-frame, having a series of bolt-holes, B, at intervals, and passing through a slot, K, of bolt-case D, as shown and described.

JAMES H. SWIFT.

Witnesses:

J. G. SWIFT,
SYDNEY CUMICK.