

(No Model.)

B. A. MITCHELL, Jr.

DOOR CHECK.

No. 397,380.

Patented Feb. 5, 1889.

fig. 1.

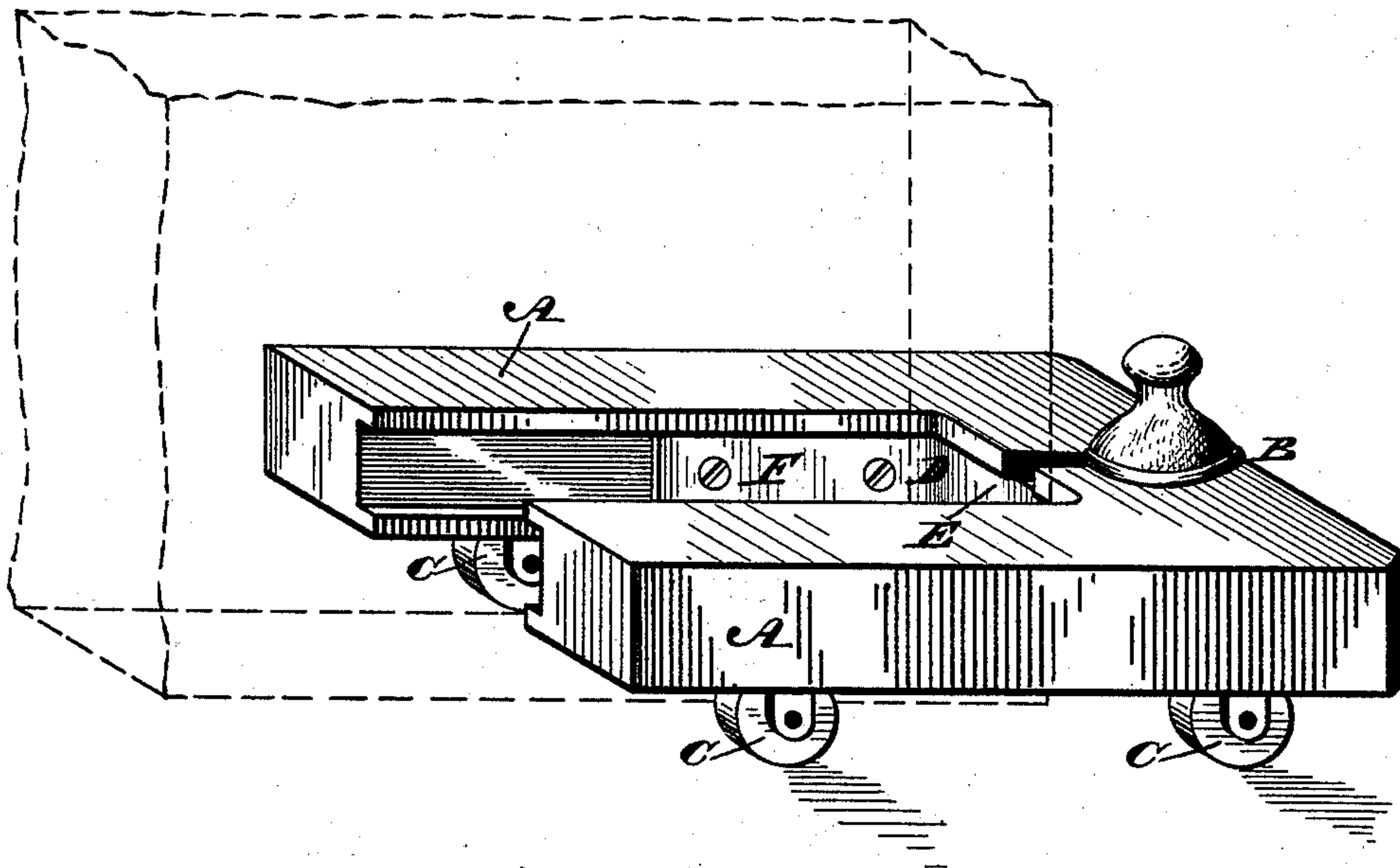


fig. 2.

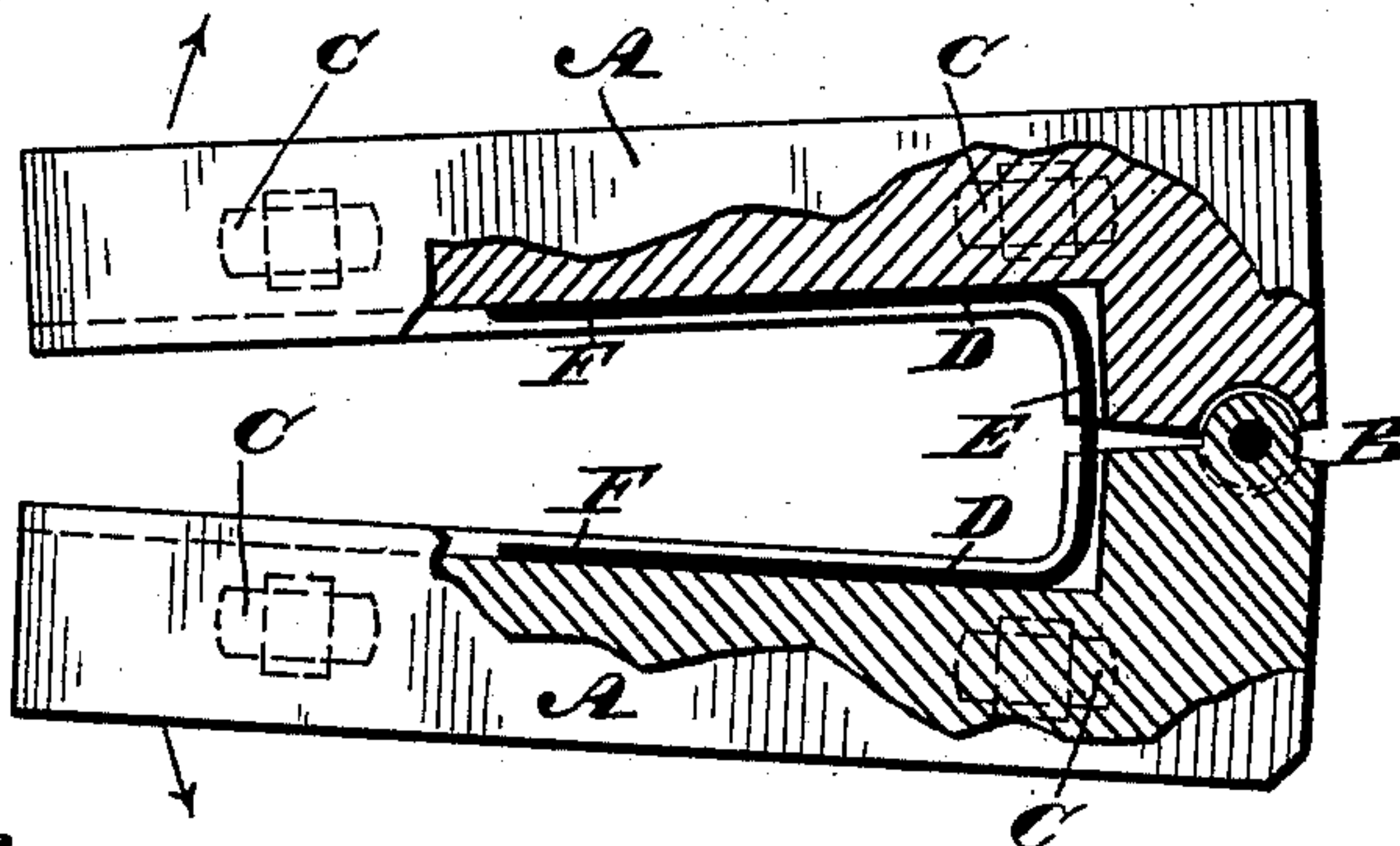


fig. 3.

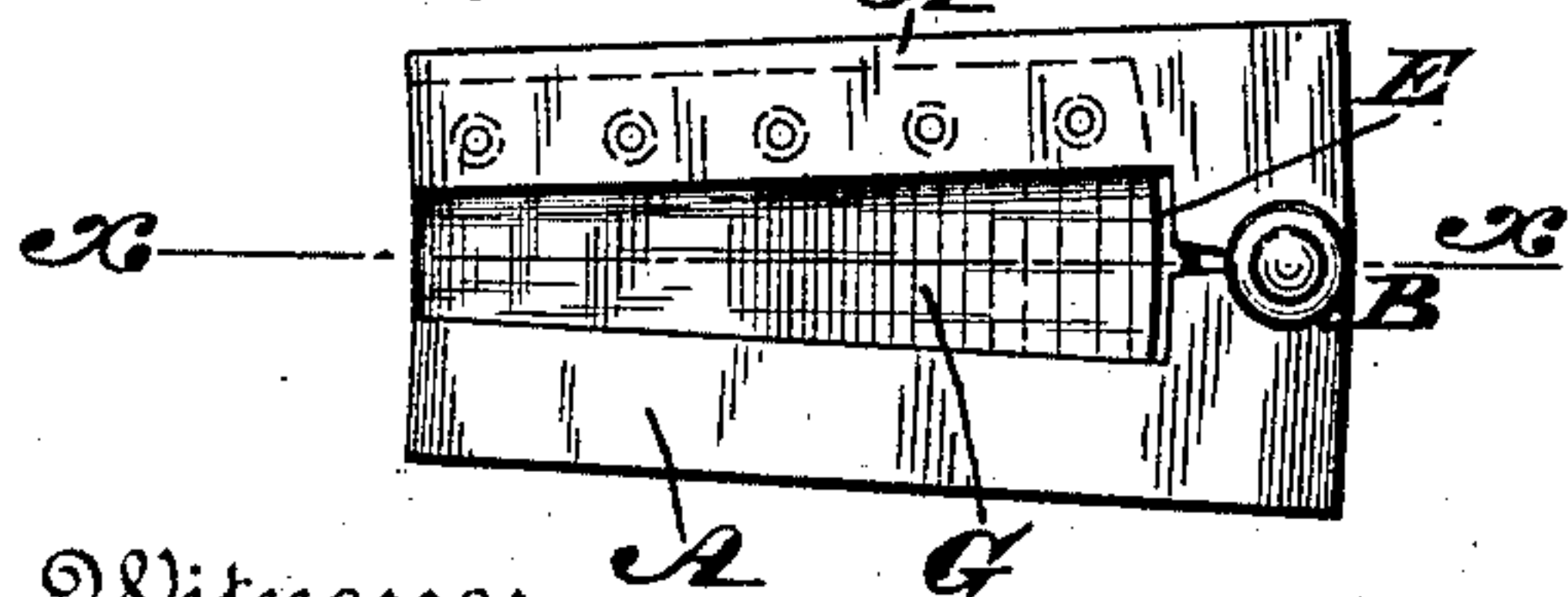
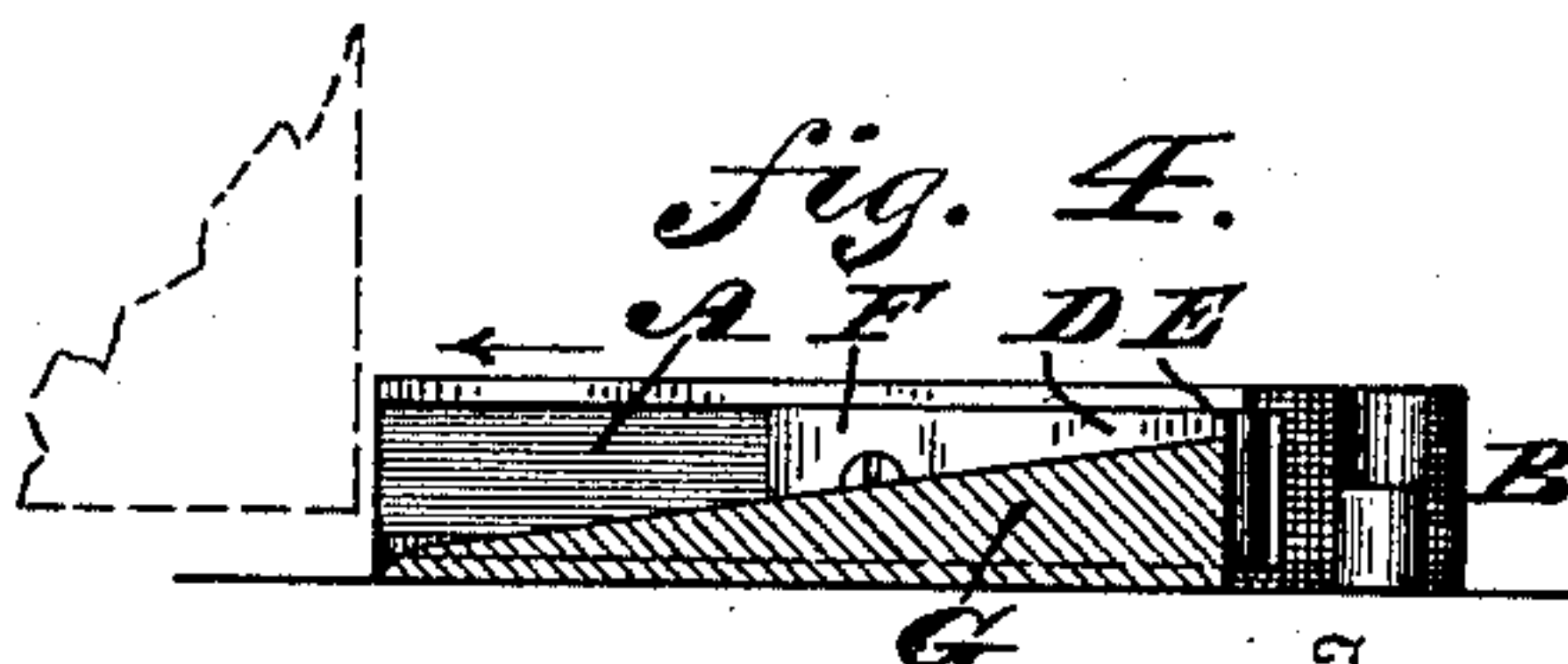


fig. 4.



Witnesses,
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UNITED STATES PATENT OFFICE.

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DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 397,380, dated February 5, 1889.

Application filed October 27, 1888. Serial No. 289,282. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN A. MITCHELL, Jr., a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented new and useful Improvements in Door Checks or Weights, which improvements are fully set forth in the following specification and accompanying drawings.

My invention relates to improvements in door checks or weights; and it consists in forming the same with two jaws hinged together, producing a separating-yoke for embracing a door and serving to retain the same in an open position.

It further consists of two hinged jaws adapted to embrace a door, and having means for causing said jaws to close against the door to retain the device in place, as well as hold the door in an open position.

It further consists of the jaws of a door-check having a wedge for binding against the lower edge of the door, so as to jam therewith.

Figure 1 represents a perspective view of a door check or weight embodying my invention in position, a door being shown in dotted lines. Fig. 2 represents a top plan view, partly broken away. Fig. 3 represents a top plan view of the door-check on a reduced scale. Fig. 4 represents a longitudinal section thereof on line *x x*, Fig. 3.

Referring to the drawings, A A designate two jaws, hinged together at B and forming a separating-yoke, and said yoke is supported on rollers or legs C.

D designates a U-shaped flat spring, the crown E of which is arranged adjacent to the hinge of the jaws, and the ends F thereof, which exert their tension inward, are connected to the jaws A A of the yoke. To one of the jaws A is attached a wedge, G, adapted to bind or jam with lower edge of the door, so as to hold the door from movement by the combined action of the wedge and the weight of the check. I have in this instance shown a flat spring for causing the jaws to close against the door; but it is evident that I can

employ in lieu thereof, with equal advantage, other springs, such as a spiral spring connected with the two jaws at the hinged end thereof, or a coil-spring stretched from one jaw to the other.

The operation is as follows: When it is desired to check or retain the door when open, the jaws are distended and applied to the door and the wedge pushed in, causing it to bind against the lower edge thereof.

It will be seen that the combined action of the jaws and wedge will effectually retain the device in place and hold the door in open position.

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

1. A door check or weight consisting of two hinged jaws forming a separating-yoke adapted to embrace a door, substantially in the manner and for the purpose described.

2. A door check or weight consisting of two hinged jaws and a spring having its ends connected to the jaws for causing the same to close against the door, substantially in the manner and for the purpose described.

3. A door check or weight consisting of jaws for embracing the door and a wedge for binding against the lower edge thereof, substantially as described.

4. A door check or weight consisting of two hinged jaws, a spring carried by said jaws for causing the same to close against the door, and a wedge carried by the check for binding against the lower edge of the door, substantially in the manner and for the purpose described.

5. A door check or weight consisting of two hinged jaws, and means carried by and connected with the jaws for causing them to close inward against the door, substantially in the manner and for the purpose described.

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Witnesses:

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