

(No Model.)

G. H. MARKILLIE.
DOOR CHECK.

No. 442,068.

Patented Dec. 2, 1890.

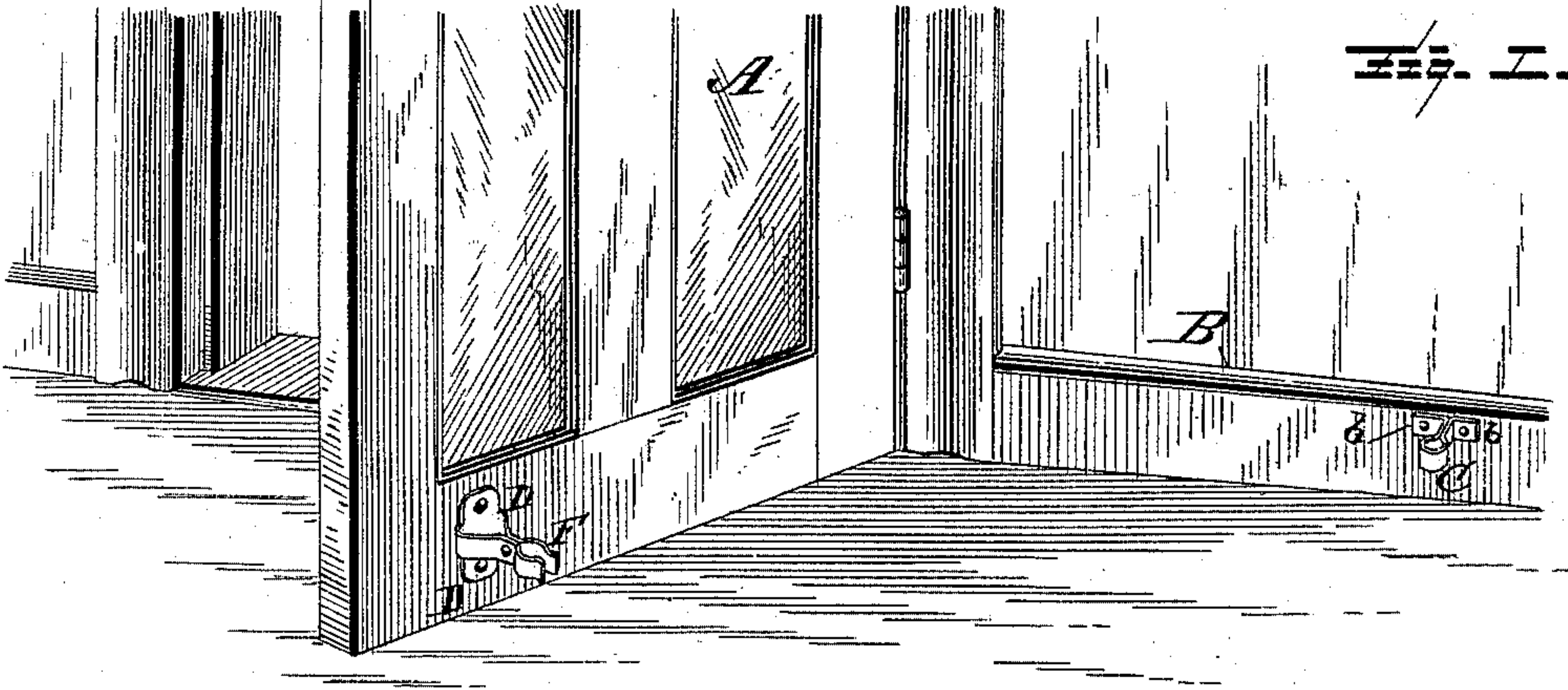


Fig. 1.

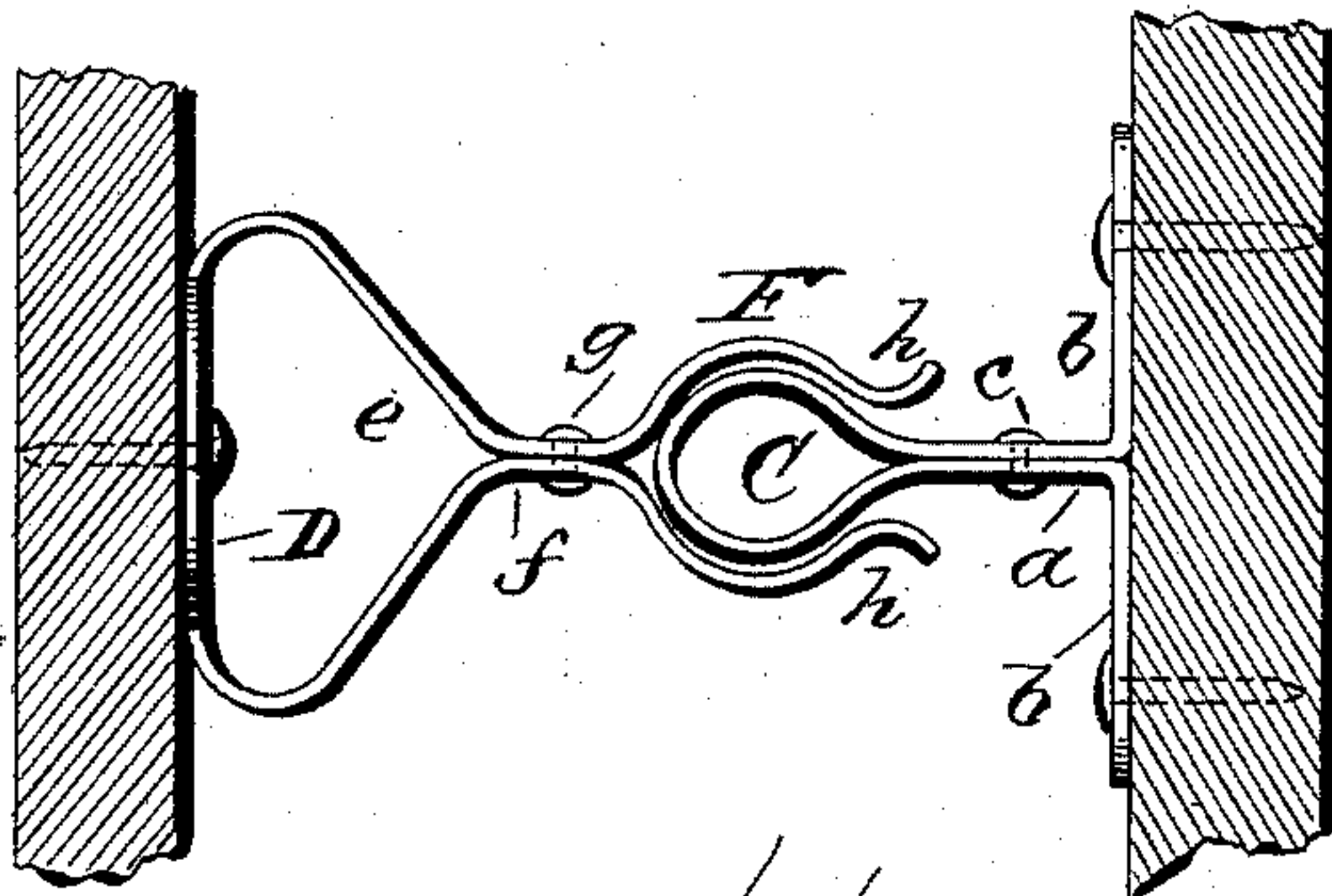
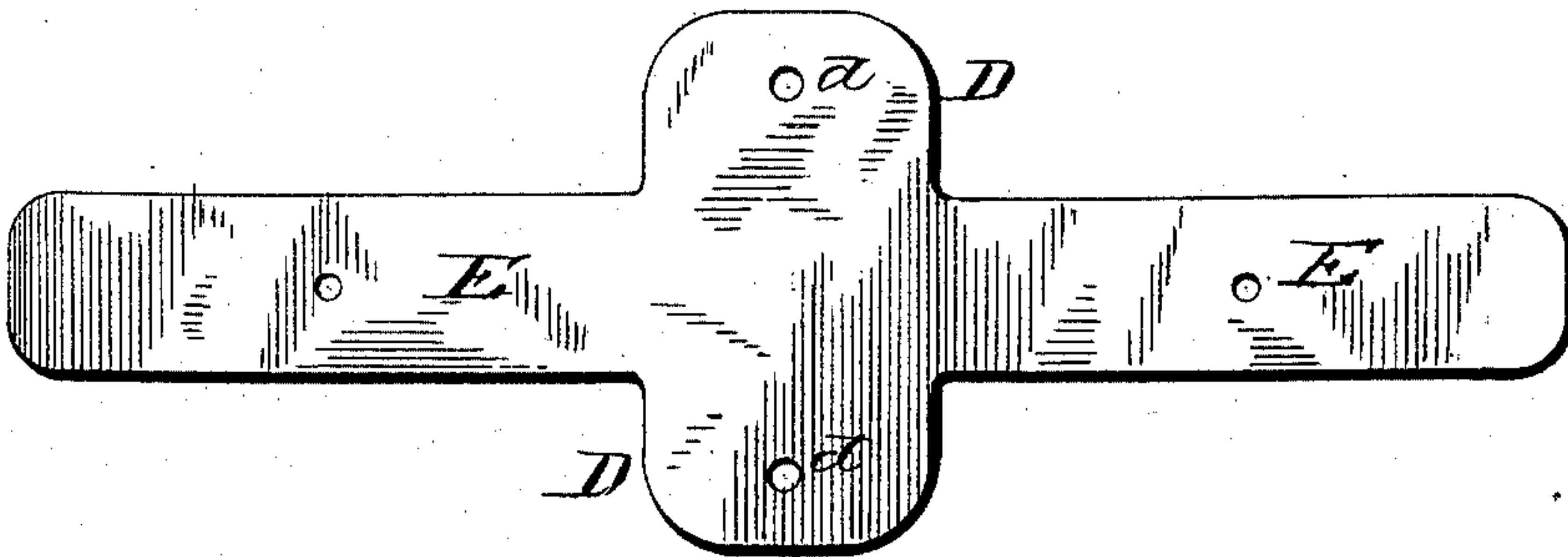


Fig. 2.



Witnesses

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GEORGE H. MARKILLIE, OF ELVASTON, ILLINOIS.

DOOR-CHECK.

SPECIFICATION forming part of Letters Patent No. 442,068, dated December 2, 1890.

Application filed August 4, 1890. Serial No. 360,952. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. MARKILLIE, a citizen of the United States, residing at Elvaston, in the county of Hancock and State of Illinois, have invented certain new and useful Improvements in Door-Checks; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

Figure 1 of the drawings represents a perspective view of an interior of a room with the door partially open and my invention applied thereto; Fig. 2, a top plan view of my improved door-check, upon an enlarged scale, showing it in position when the door is held open; Fig. 3, a detail view showing the sheet-metal blank from which the part is formed that is to be attached to the door.

The present invention has relation to that class of door-checks formed of spring sheet metal cut into strips and bent to form two parts, one of said parts being adapted for attachment to the door and the other part to the wall or wainscoting thereof. One of these parts, as above stated, consisted of a strip of sheet metal bent to form a button or loop, while the part opposite was so bent as to form a spring-clasp to hold and retain the button or loop when brought in position to engage therewith.

To the above class of door-checks my invention particularly relates, and the object thereof is to materially strengthen and brace the two parts, so that their elasticity will be preserved and their action will be rendered more effective, which objects I attain by the construction substantially as shown in the drawings, and hereinafter described and claimed.

In the accompanying drawings, A represents the door, and B the wall or wainscoting thereof, as the case may be, to which parts my improved device is connected.

One of the parts constituting the door-check consists of a strip of sheet metal bent double to form the button or head C, the shank *a* and the flanges *b* having holes for

screws or nails as a means for attaching it to its support.

It will be seen that the strip of metal is bent upon itself to form the shank *a* and the contacting faces held firmly together by the rivet *c*. This provides a strong shank for the button or head C and removes the liability of its bending laterally out of a true line with relation to the spring-clasp.

The clasp is first cut from sheet metal into the shape shown in Fig. 3, and screw or nail holes *d* formed therein, the base, which is formed by the laterally-extending flanges D, giving strength to the clasp and providing a means for securely connecting it to its support by screws or nails.

The strips E, which extend out at right angles to the flanges D on the same horizontal plane, previous to being bent into shape, are bent outward and toward each other, as shown at *e*, and brought together to form a shank *f*, the two strips at this point being firmly connected by rivet *g*. From this point the strips are bent to form the clasp F, the extremities *h* being curved outward, as shown in Fig. 2, to facilitate the entering of the head or button C when the door is opened to its farthest extent.

By the use of the rivet and bringing the metal together to form the shank *f* the device is materially braced and strengthened.

I have shown the spring-clasp as connected to the door in Fig. 1, and in Fig. 2 to the wall or wainscoting thereof, as it makes no difference regarding the operation, and therefore I reserve the right to use it in any way found most desirable, either for the purpose above indicated, or for the purpose of holding shutters or blinds open, or for any other like purposes that it may be found practical and useful.

The spring metal used may be either steel, brass, or any other metal having a sufficient degree of elasticity and that will serve the purpose.

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

In a door-check, the combination, with the button or head C, of the device to operate in

connection therewith, consisting of the blank
of spring sheet metal having strips E and lat-
erally-extending flanges D, said strip bent, as
shown, and brought together to form a body
5 portion, and a shank of double thickness riv-
eted, as shown, and the free ends of the strips
bent to form the clasp F with curved extremi-
ties, substantially as and for the purpose set
forth.

In testimony that I claim the above I have 10
hereunto subscribed my name in the presence
of two witnesses.

GEORGE H. MARKILLIE.

Witnesses:

DUANE PENNOCK,
WILL W. DUNN.