

(No Model.)

J. T. HART.
WEATHER STRIP.

No. 423,925.

Patented Mar. 25, 1890.

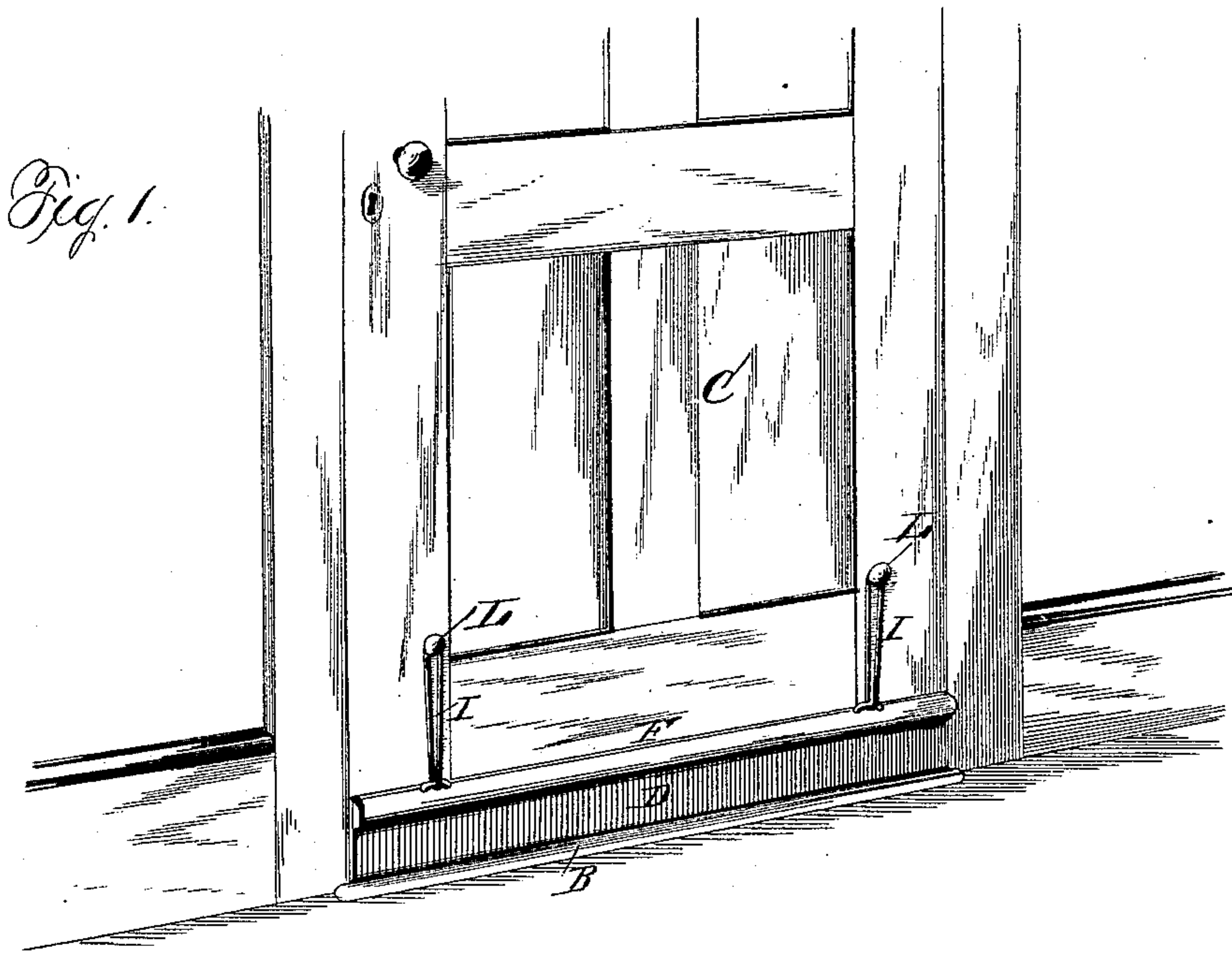


Fig. 2.

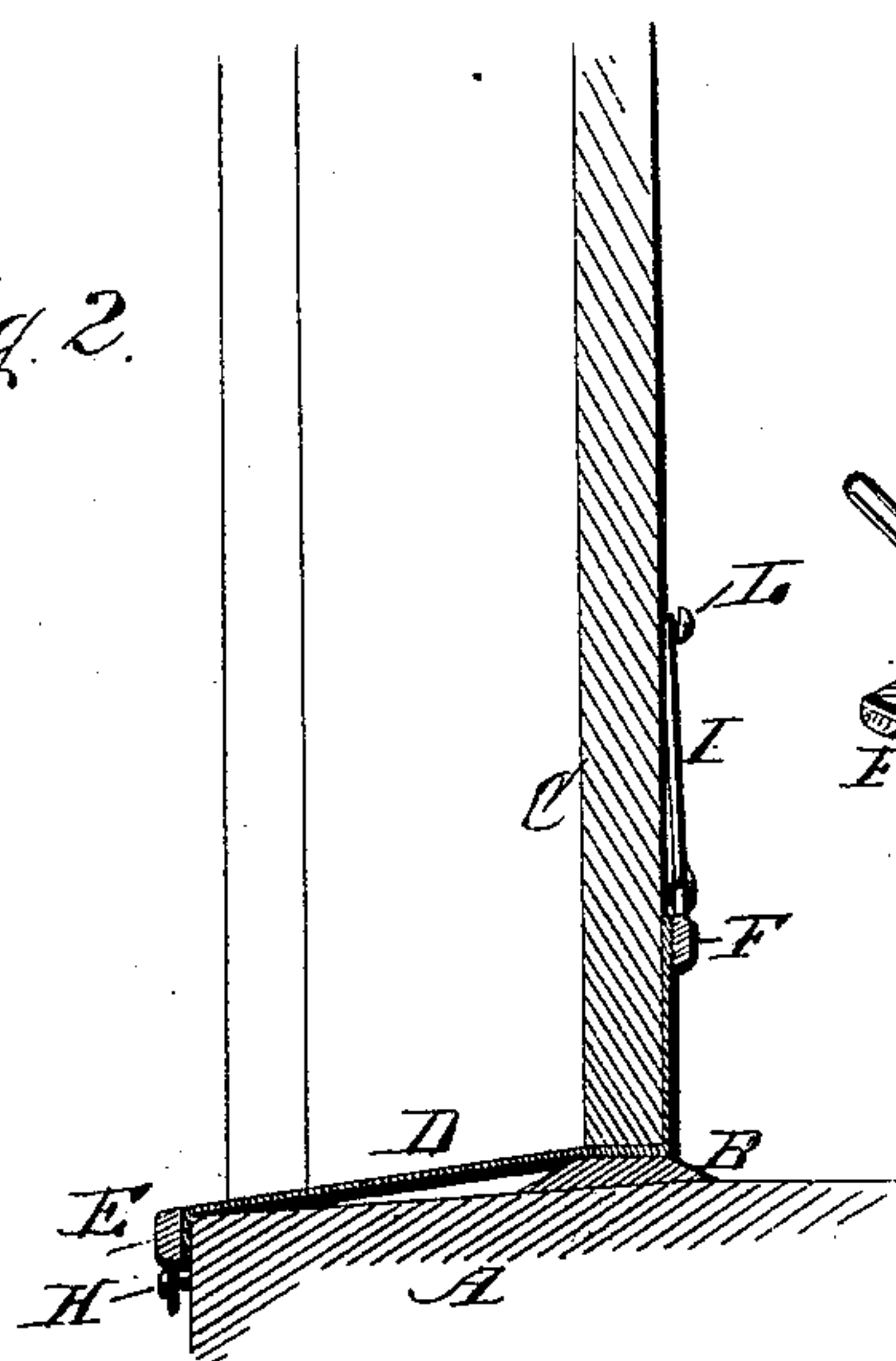
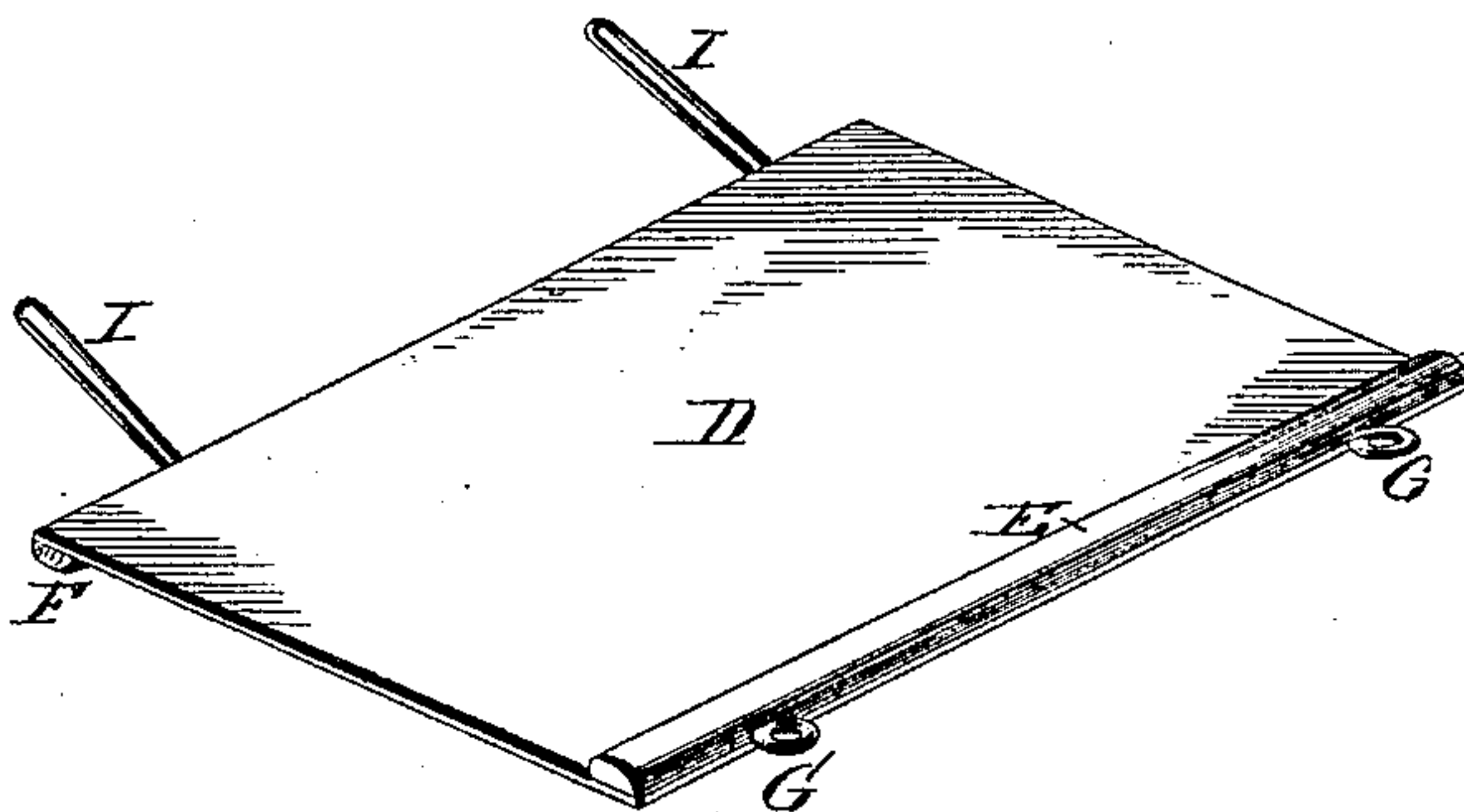


Fig. 3.



Witnesses
Chas. Williamson
E. A. Bond.

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UNITED STATES PATENT OFFICE.

JOEL T. HART, OF FOSTER, MISSOURI.

WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 423,925, dated March 25, 1890.

Application filed August 13, 1889. Serial No. 320,583. (No model.)

To all whom it may concern:

Be it known that I, JOEL T. HART, a citizen of the United States, residing at Foster, in the county of Bates and State of Missouri, have
5 invented certain new and useful Improvements in Weather-Strips; 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
10 part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in weather-strips; and it has for its object to provide an improved
15 device of this character which shall effectually keep out the wind, rain, and snow, and which is readily attached or removed, as occasion may require.

The invention consists in the peculiar combinations and the construction, arrangement, and adaptation of parts, all as more fully
20 hereinafter described, shown in the drawings, and then particularly pointed out in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part
25 of this specification, and in which—

Figure 1 is a perspective view illustrating
30 my improved weather-strip in place, showing its mode of attachment to the inside of the door. Fig. 2 is a vertical section through Fig. 1. Fig. 3 is a perspective view of the weather-strip and its attachments detached.

Referring now to the details of the drawings by letter, A designates the sill, B the
35 threshold, and C the door, all of ordinary construction.

D is my improved weather-strip, and consists of a piece of suitable material—such as
40 canvas, oil-cloth, or the like—of suitable width to cover the threshold and sill and extend upward a short distance upon the inside of the door and downward a short distance upon the
45 outside, as shown in Fig. 2. This strip should be of a length slightly longer than the width of the door, so that when the door is closed the strip will turn up a little at each side to

prevent water from getting off of the strip on either side. At each of its edges I attach
50 thereto a transverse strip E and F—one upon one side of the strip and the other upon the opposite side, as shown in Figs. 2 and 3. These strips may be of either wood or metal, but wood is preferred. The strip E is provided with suitable eyes G, designed to engage
55 suitable headed screws or bolts H, attached to the outer edge of the sill, as shown in Fig. 2. The other strip F is provided with elastic loops or bands I, attached thereto in
60 any suitable manner and designed to engage headed screws or nails L on the door, as shown in Figs. 1 and 2.

To apply the weather-strip, first engage the eyes G with the hooks H on the outside of the
65 sill, then pass the canvas or other strip over the threshold and sill, then close the door over it, as shown in Figs. 1 and 2, and then loop the elastic bands I over their hooks or nails L on the door. When it is desired to open the
70 door, the elastic bands are disengaged from their fastenings and the canvas strip falls. The strip F being of less thickness than the threshold, it will lie close enough to the floor to not interfere with the opening of the door.
75

The above construction forms a very cheap, simple, and efficient weather-strip, which can be readily detached and stored away when it is not desired to use it.

The elastic bands allow of ready engagement
80 with the fastenings on the door.

What I claim as new is—

The combination, with the door and sill, of the holders H L on the door and sill, respectively, and the weather-strip having trans-
85 verse strips at opposite edges, one provided with eyes and the other with flexible bands, as set forth.

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

JOEL T. HART.

Witnesses:

J. L. McPEAT,
J. A. NIEUKIRK.