

(No Model.)

B. TAYLOR.  
FIRE ESCAPE.

No. 252,592.

Patented Jan. 17, 1882.

Fig. 1.

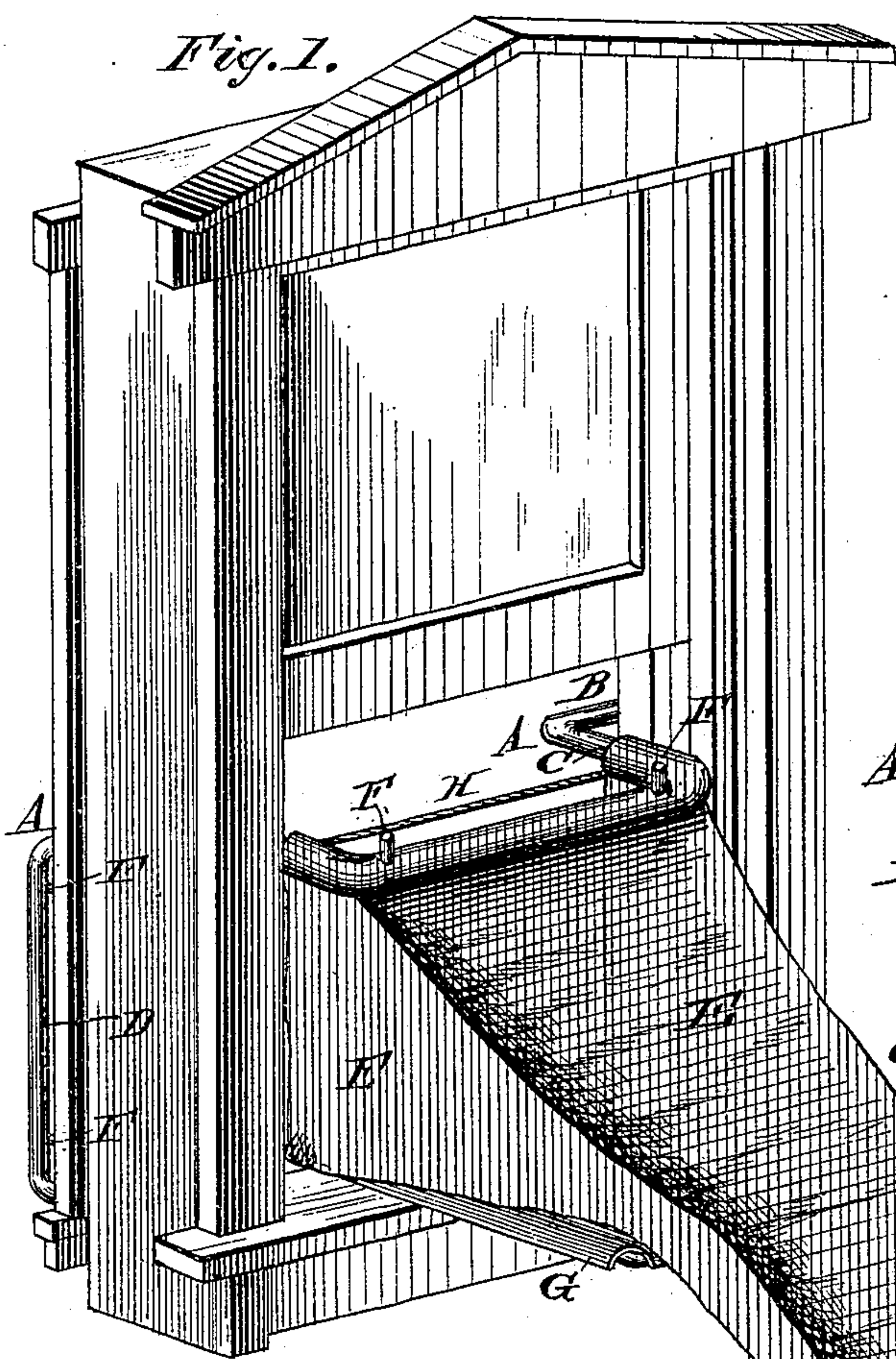


Fig. 2.

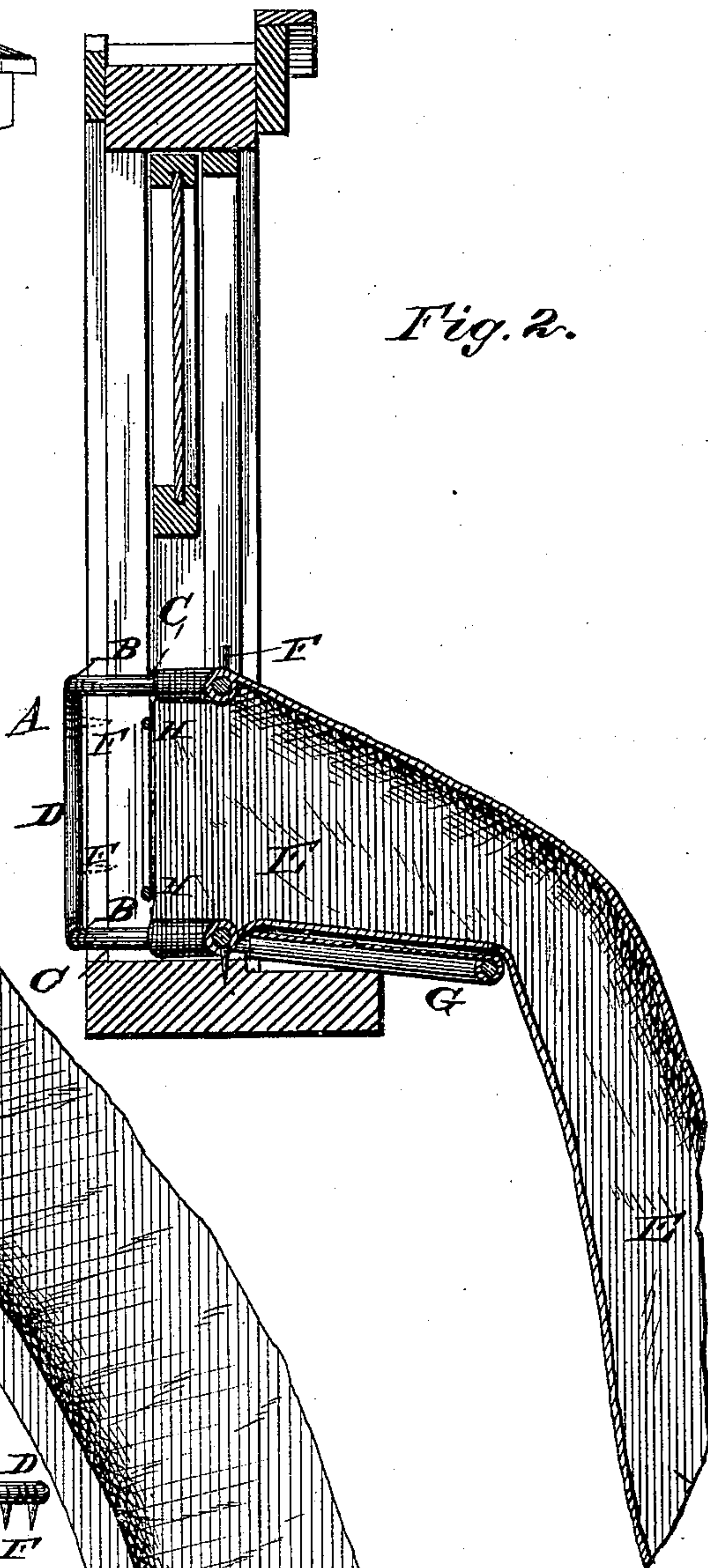
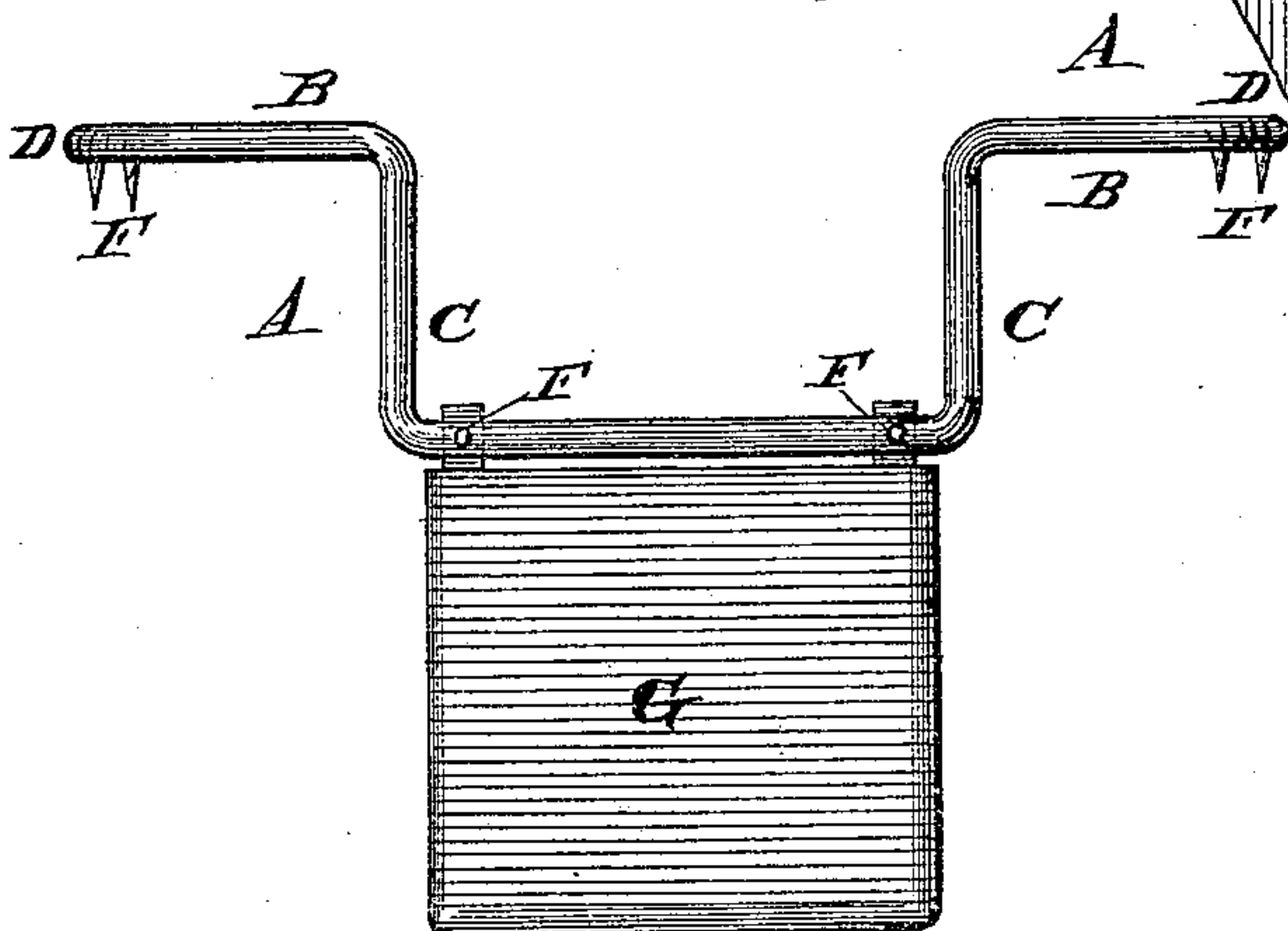


Fig. 3.



WITNESSES

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By his Attorneys

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INVENTOR,  
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# UNITED STATES PATENT OFFICE.

BENJAMIN TAYLOR, OF TERRE HAUTE, INDIANA, ASSIGNOR OF ONE-HALF  
TO GEORGE A. HARTUNG, OF SAME PLACE.

## FIRE-ESCAPE.

SPECIFICATION forming part of Letters Patent No. 252,592, dated January 17, 1882.

Application filed August 10, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, BENJAMIN TAYLOR, of Terre Haute, in the county of Vigo and State of Indiana, have invented certain new and  
5 useful Improvements in Fire-Escapes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to  
10 which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view. Fig. 2 is a vertical sectional view, and Fig. 3 is a top  
15 view.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to fire-escapes; and it consists of a peculiarly-constructed frame  
20 adapted to be secured to and retained by the window-frame of a building, and having a downward-extending flexible tube, through which persons and goods may be slid down to the street and rescued.

25 The invention consists in the arrangement and combination of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A represents a frame, made of rod-iron, gas-pipe, or  
30 other suitable material, and consisting of two sides, B B, having knees C C, by which the said sides are adapted to fit in a window of ordinary size and width, the end pieces, D, being, with the same purpose in view, of suitable  
35 height, the entire frame being by preference formed or bent of a single piece of material.

To the front part of the frame is secured,  
40 by sewing, riveting, or in any other suitable manner, a flexible tube, E, made of duck, canvas, or of any other suitable material, which is preferably to be saturated with any suitable solution by which it shall be rendered fire-  
45 proof to the greatest possible extent. The said flexible tube should be of sufficient width

or circumference to admit a large-sized person, who may descend in perfect safety by extending or spreading arms and legs so as to create sufficient friction to prevent a too rapid  
50 descent. This is also prevented by persons in the street taking hold of the lower end of the tube and holding it in an inclined position out from the walls of the burning building. When  
55 children or small-sized persons are to descend the tube may be twisted from below, so as to prevent an absolute fall.

The metallic frame is to be provided with spikes or prongs F to secure it firmly and safely in the window. It is also provided with a  
60 hinged platform, G, which in operation rests upon the window-sill, and a pair of ropes, H, are provided to assist the entrance of persons into the flexible tube.

From the foregoing description the operation and advantages of my invention will be  
65 readily understood. It is simple, inexpensive, and may be readily adjusted in any ordinary window. If desired, it may be permanently  
70 secured to a window or balcony, or it may be furnished for the use of fire-companies, to be adjusted from the outside of the windows of burning structures.

Having thus described my invention, I claim and desire to secure by Letters Patent of the  
75 United States—

1. The combination, with the metallic frame A, having knees C C and spikes F, of the flexible tube E, substantially as herein described,  
80 for the purpose set forth.

2. As an improvement in fire-escapes, the combination, with the metallic frame A, having hinged platform G and guide-ropes H, of the flexible tube E, substantially as and for  
85 the purpose set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

BENJAMIN TAYLOR.

Witnesses:

SAM DUNCAN,  
SAML. GOETZ.