

# C. P. Poinier, Picture Frame.

N<sup>o</sup> 70,116.

Patented Oct. 22, 1867.

Fig: 1.

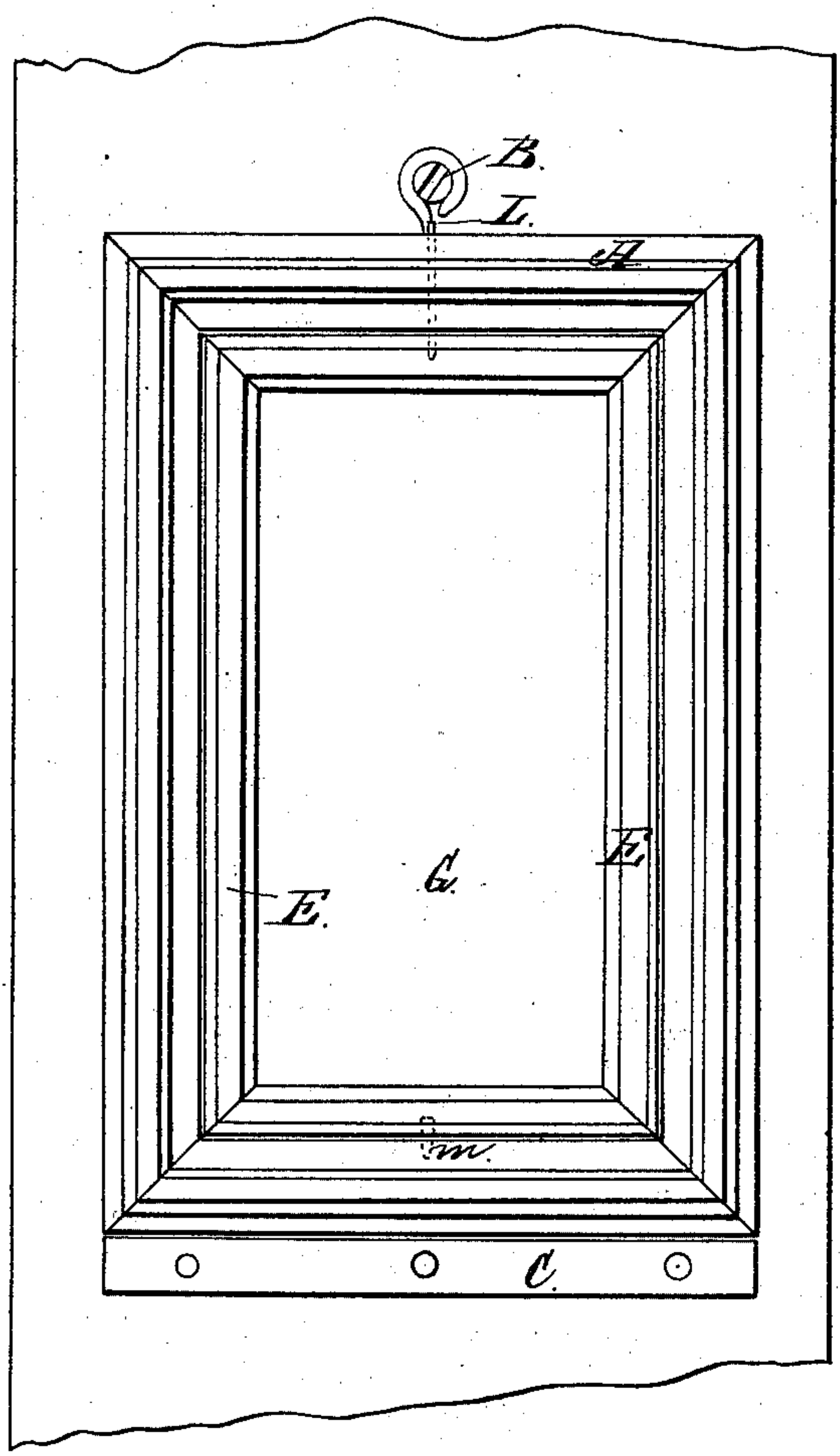


Fig: 2.

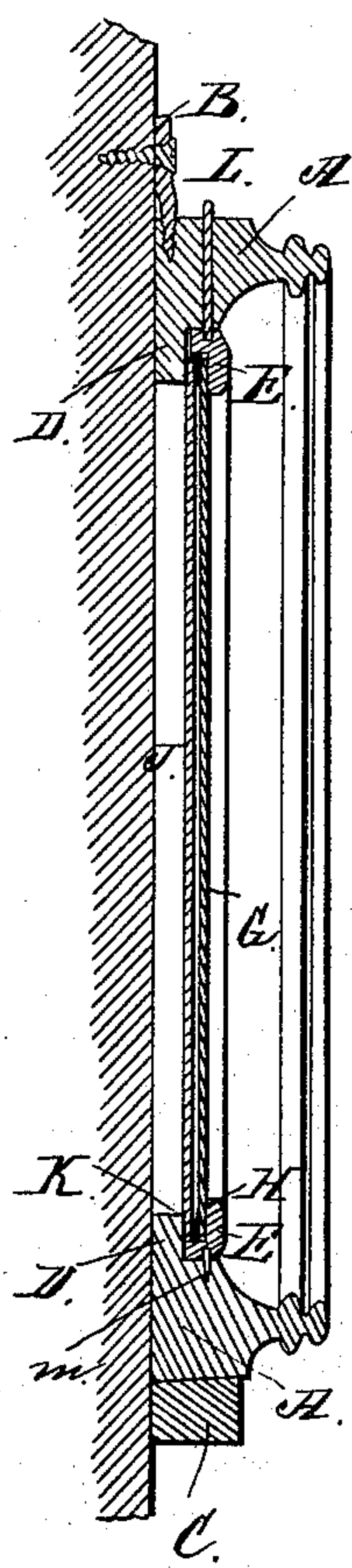
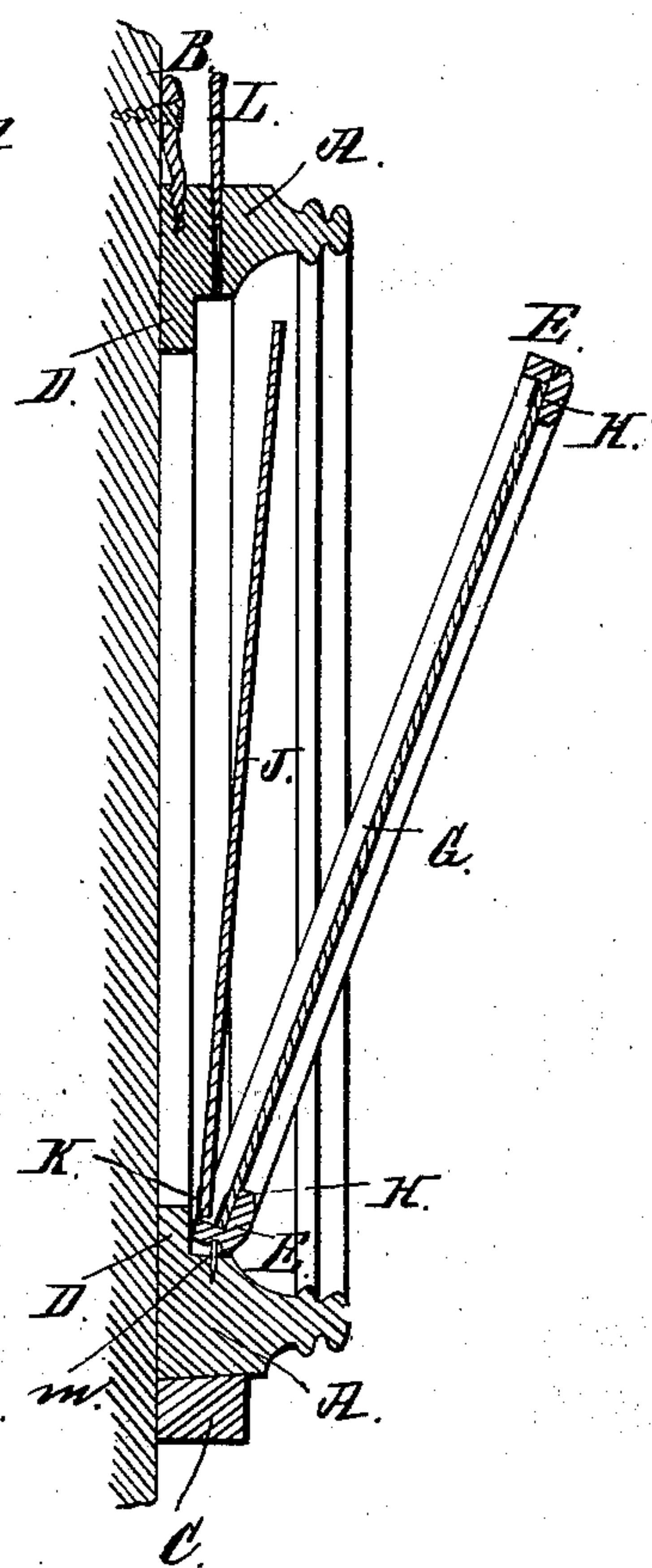


Fig: 3.



Witnesses:

J. H. Adams  
M. J. G. Wilde

Inventor:

C. P. Poinier



# United States Patent Office.

CHARLES P. POINIER, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND CHARLES O. HORTON, OF SAME PLACE.

*Letters Patent No. 70,116, dated October 22, 1867.*

## FRAME FOR PICTURES, &c.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, CHARLES P. POINIER, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and useful "Improvement in Frames for Pictures, Advertising-Cards, &c.;" and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents an elevation of frame.

Figure 2 represents a vertical transverse section when the frame is closed.

Figure 3 represents a vertical transverse section when the frame is opened.

The same letters refer to the same parts in the separate figures.

An objection to frames for pictures, advertising-cards, photographs, &c., as at present made, consists in the difficulty in securing together the glass and the picture or card. In order to get access to either the glass or card it is necessary to remove the frame from its place and to pull out the nails which hold the back-board. In advertising-cards, time-tables, &c., which have to be frequently renewed, this is a tedious process, and requires a careful handling. The glass fits loosely in the frame, so that dampness is liable to enter and injure the picture. The lightness and portability of the object are often made use of by unscrupulous persons who appropriate them to their own use.

The object and purpose of my invention are to secure the frame so that it cannot easily be removed, to protect the picture or card from all moisture, to fix the glass firmly and securely in place, and to enable the picture or cards to be changed without taking the frame from its place.

My invention consists in the employment of two frames, one of which, being in form similar to an ordinary frame, is to be firmly fastened to the wall, the same being reversed and provided with a projecting lip inside; the other frame, with the glass and back-board, is inserted in the front of the first one, and secured by means of pins, a lip, and a spring or springs, or in any other suitable manner. It also consists in fastening the glass so as to be air-tight, and connecting the back-board in such a manner with the second frame that it will swing on one end and open the space between it and the glass, and thus allow the picture or card to be removed and a new one to be inserted in its place. It will be seen that the inner inserted frame does not touch the wall, but is about the thickness of the lip against which it rests from the wall, so that moisture or dampness which may happen to run down the wall will not affect the picture, an air-space being between it and the back-board.

To enable others skilled to make and use my invention, I will proceed to describe the same with reference to the drawings.

In Figures 1, 2, and 3, A represents the outside frame, secured firmly to the wall by a screw and hook, B, and a cleat, C. D is a lip extending around the inner side of the frame A. E is the inner frame made in the ordinary manner. The glass G is sealed or connected air-tight to lip H of frame E, and the back-board J may be secured either to the lower or upper end of frame E by a joint, K. The inner frame E is held in its place by pins L and M.

The operation is as follows: Suppose the frames to be closed, and it is desired to remove a picture or cards. Pull out pin L, then swing frame E around pin M, and either lift it out altogether or leave it in position as shown in fig. 3; the picture or card may then be removed and another one inserted, and the frame E replaced and secured by pin L.

I do not confine myself to the manner of securing the frames, as shown in the drawing, as any equivalent device will answer, such as a hinge at the bottom and a spring at the top, or a bevelled bottom and a spring at the top; or rubber strips and springs may be used. The frame A may form a part of the wall or panel of a door, if desirable. But what I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination of the fixed and detachable frames A and E, in the manner and for the purpose substantially as specified.

2. The combination of the frame E, glass G, and the hinged back-board J, when constructed and operating as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHAS. P. POINIER.

Witnesses:

J. H. ADAMS,

M. S. G. WILDE.