

(No Model.)

G. L. R. DAHLBERG.
EASEL.

No. 574,242.

Patented Dec. 29, 1896.

Fig. 5.

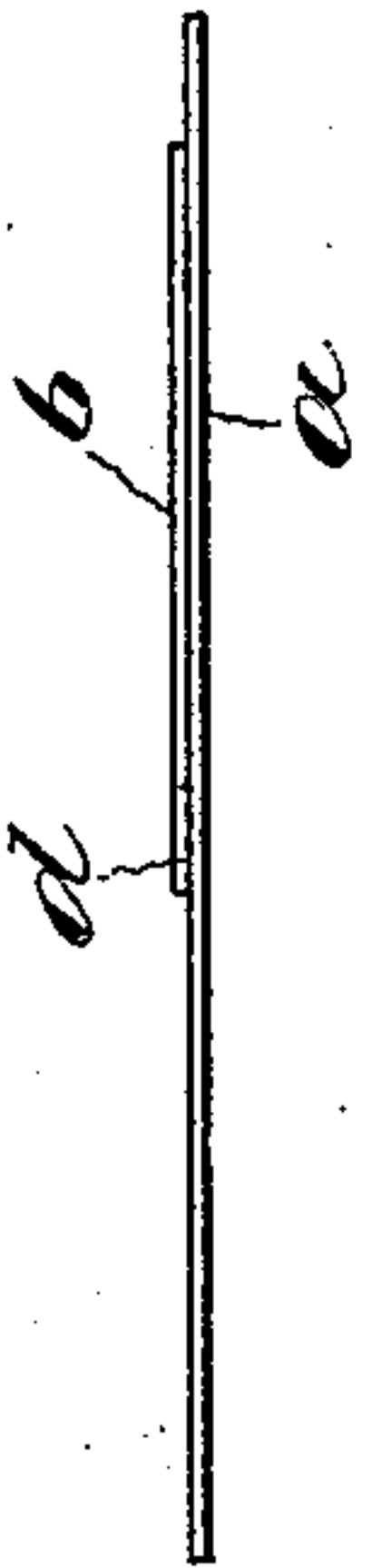


Fig. 3.

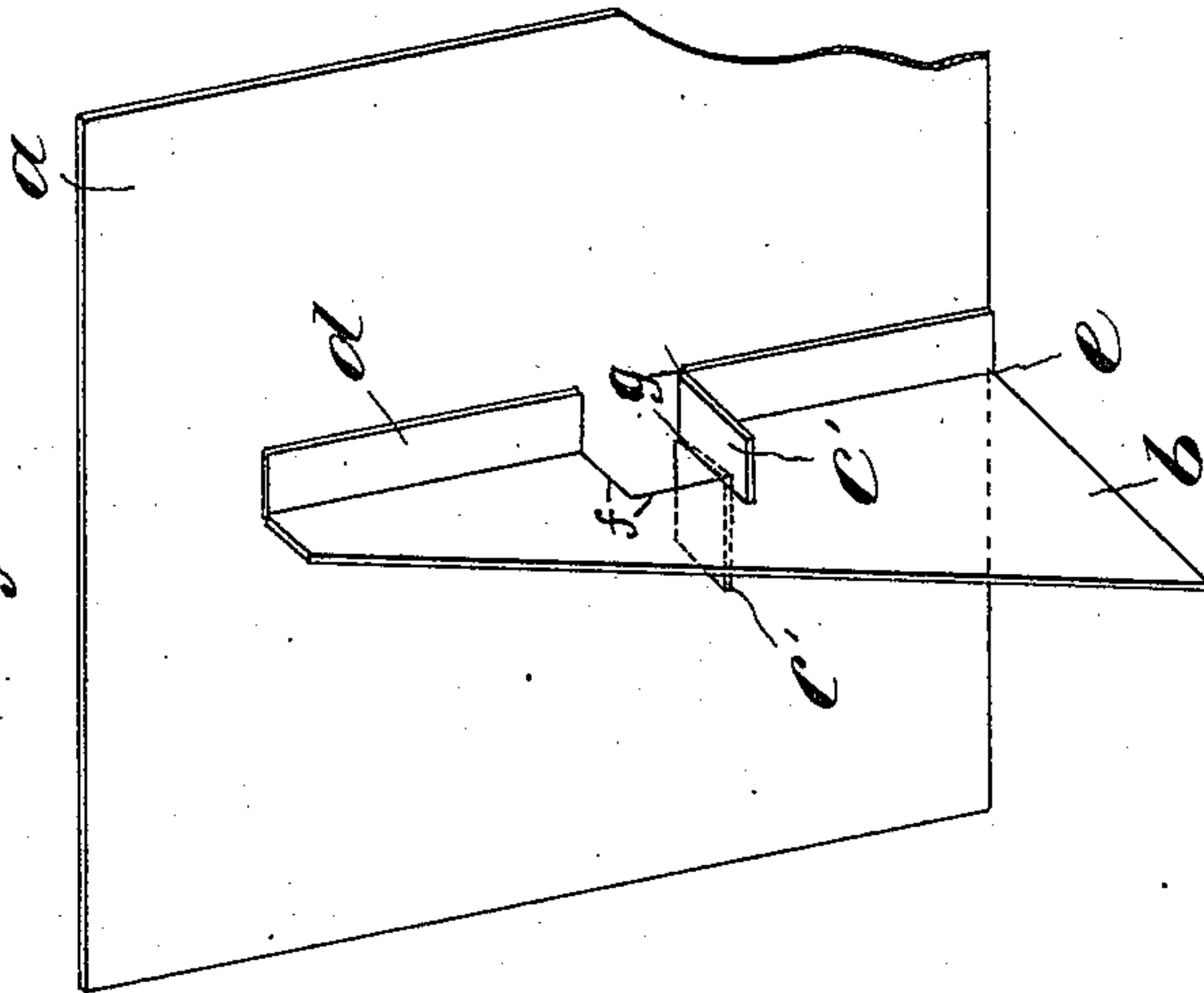


Fig. 2.

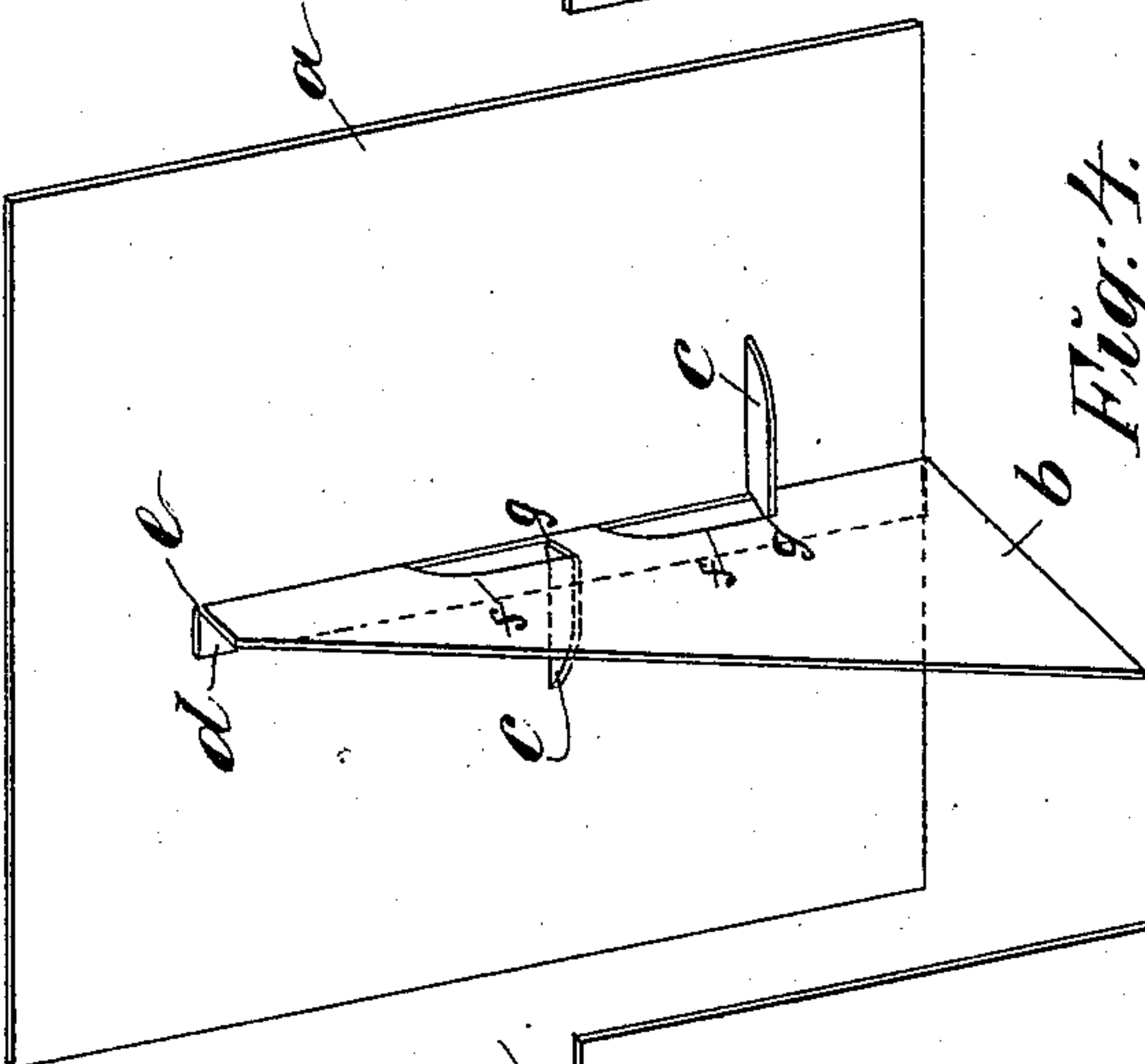


Fig. 4.

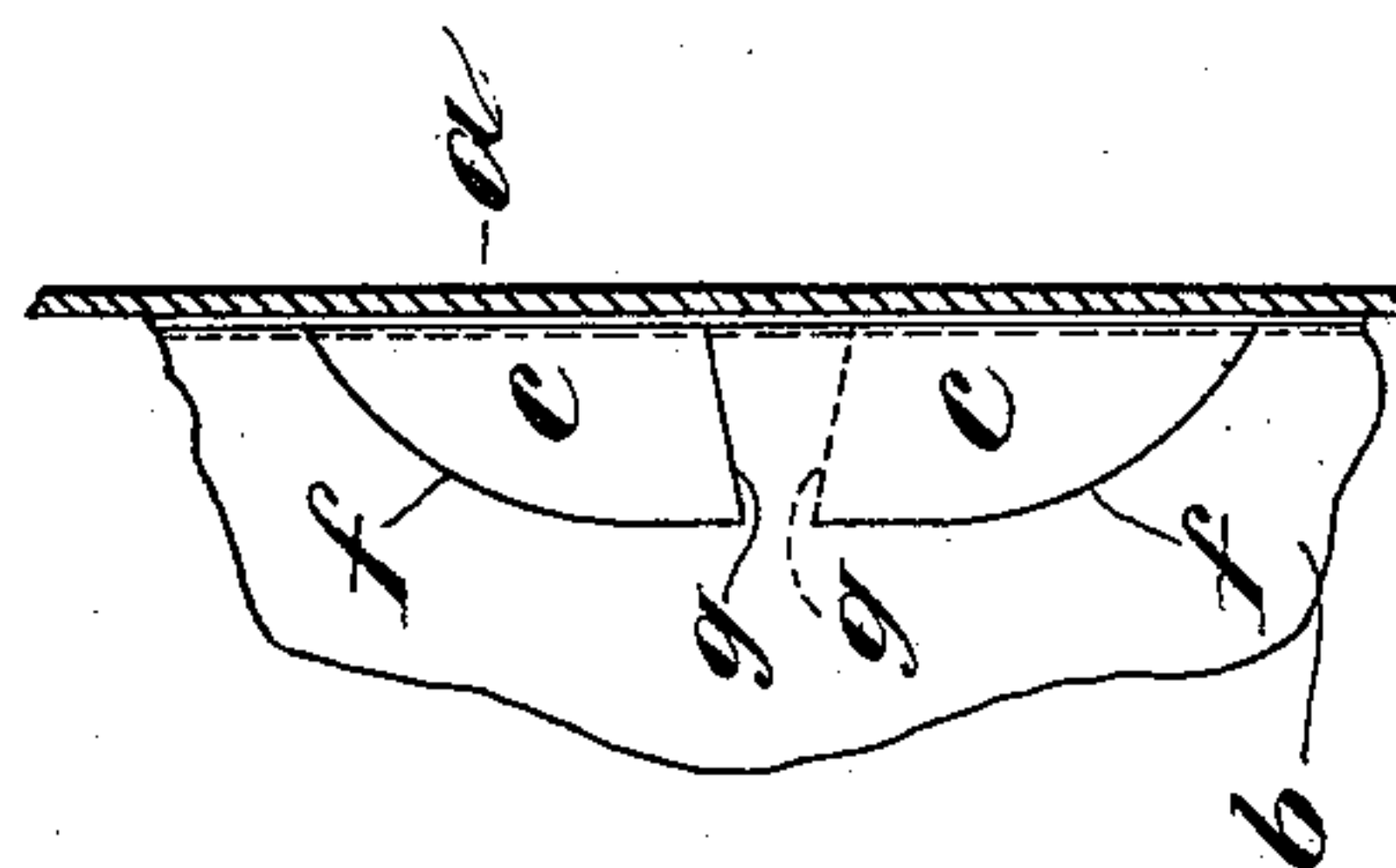
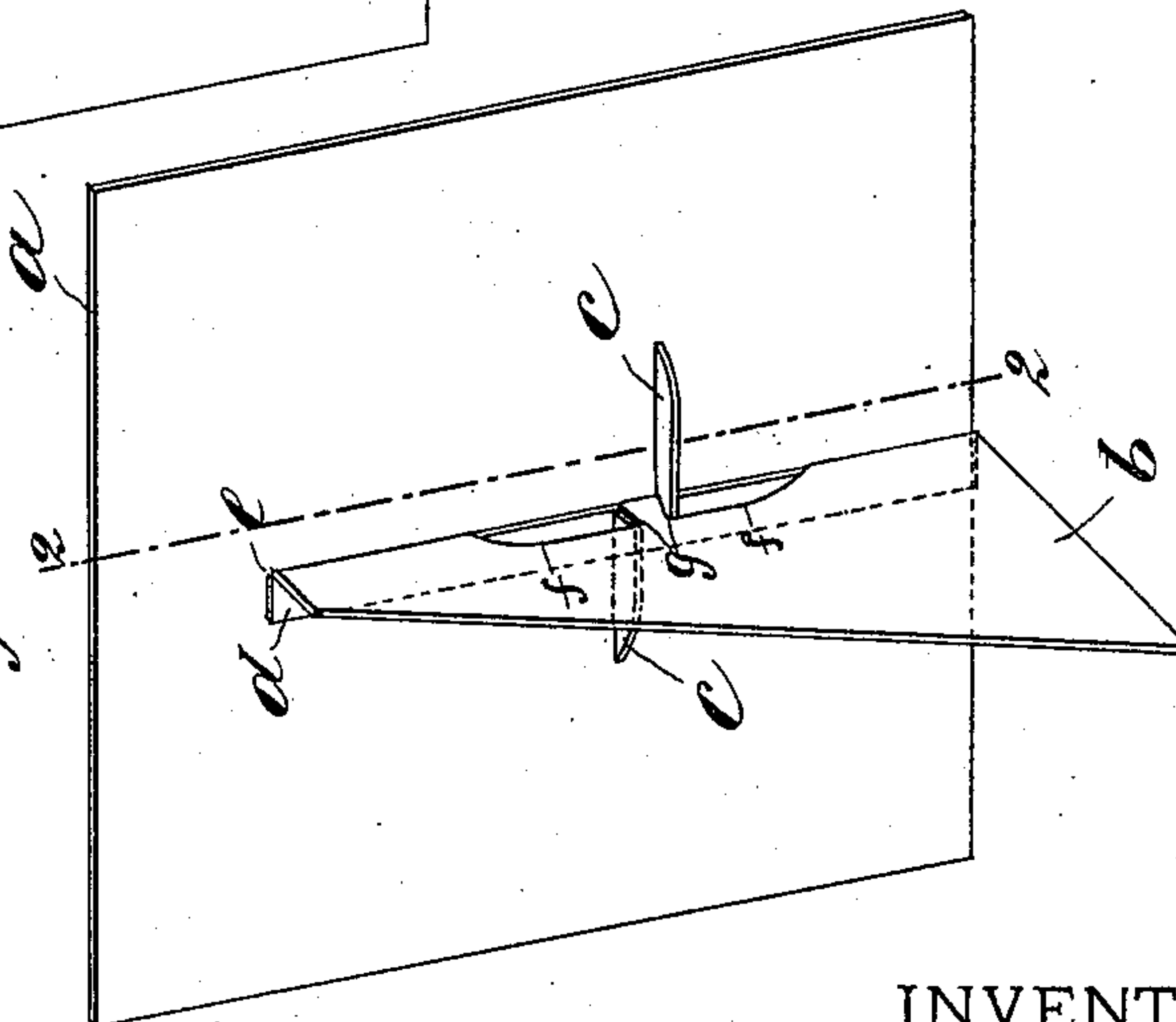


Fig. 1.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GUSTAF L. R. DAHLBERG, OF SOMERSET, NEW JERSEY.

EASEL.

SPECIFICATION forming part of Letters Patent No. 574,242, dated December 29, 1896.

Application filed April 27, 1896. Serial No. 589,150. (No model.)

To all whom it may concern:

Be it known that I, GUSTAF L. R. DAHLBERG, a citizen of the United States, and a resident of Somerset, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Easels, of which the following is a specification.

My invention consists of improvements in the construction of easels of cardboard, thin plates of metal, or other suitable material, such as are known in the trade as "single-wing" stands, that is, having a single folding backstay to the face-plate, said easels being generally prepared and packed in flat condition for transportation, for economy in space and safety of the goods, and are set up by the receiver, as hereinafter described, reference being made to the accompanying drawings in which—

Figure 1 is a rear perspective view of my improved easel as set up for use. Fig. 2 is a similar view showing a slight modification. Fig. 3 is also a similar view showing another modification. Fig. 4 is a section of Fig. 1 on line 2 2 with the bracing-flaps of the backstay unadjusted. Fig. 5 is an end view of the easel with the parts lying flat as prior to being set up for use.

The face-plate is represented at *a*, being a plain flat plate. The backstay is represented at *b*, being a flat wing-piece joined at one edge to the back of the face-plate in a vertical line about midway of the side edges of the backstay, so as to fold against said backstay flatwise and also to be turned outward at right angles thereto.

The face-plate *a* may be of cardboard, thin sheet metal, wood, or any other approved material.

The backstay *b* may be of any suitable material out of which flap-braces *c* may be produced, and a flange *d* may be turned, as, for instance, cardboard of suitable fibrous nature to be creased or scored along one side and then be bent and set somewhat fixedly with the parts at right angles or thereabout, or sheet metal that may be so bent and set without scoring.

In the drawings I have represented cardboard as the material used. The backstay *b* is to be understood as being first scored

along the line *e* to enable the flange *d* to be turned on one margin for furnishing a proper surface by which to paste the backstay to the back of the face-plate, and in the body of the backstay and along the line of the junction of the flange and the body I produce two flap-braces *c* by entirely cutting through the sheet on the lines *f* and scoring them on the lines *g* to permit of bending them out and setting them in the positions on the back of the face-plate for maintaining the backstay in the proper angular relation to the face-plate for supporting it, the scores of the two braces being on opposite sides of the backstay, respectively, so that they will be set oppositely, and thus brace the backstay both ways.

In Fig. 4 the score-lines *g* are produced in such angular relation to the plane of the face-plate, when the backstay is pasted on, that the points of the braces draw against the surface with some pressure to produce friction to retain the braces in position when set.

In Figs. 1 and 4 the brace-flaps are represented as produced with butt to butt, so that one swings downward and the other upward when being set in position. In Fig. 2 they are both produced with points upward, and both swing downward for setting, which may be preferred, because the one swinging upward in Fig. 1 may tend to drop if slack and not serve quite so effectively.

In Fig. 3 I represent the flap-brace *c'* as produced out of the flange *d* instead of the body portion of the backstay, as may be done, if desired.

It will be seen that with the backstay scored for the pasting-flange and cut and scored for the flap-braces and pasted on the back of the face-plate the easels may be packed flat for economy of space and for safety in transportation and may be readily set up for use by the receiver. While it may be preferred to paste the flange of the backstay to the back of the face-plate, it may of course be riveted or otherwise secured.

I claim—

1. The combination in an easel, of the face-plate, and the single-wing backstay, said backstay having the marginal attaching-flange partly separated from it by a score-line, to enable the backstay to be set in a position

for supporting the face-plate in use, and also having two flap-braces to secure it in such position, said flap-braces produced out of the backstay by cut lines, and a score-line, one
5 of which cut lines is coincident with the score-line of the attaching-flange, said flap-braces adapted be set laterally on opposite sides of said backstay respectively, with one edge bearing against the face-plate, said backstay
10 secured by its attaching-flange to the back of the face-plate substantially as described.

2. The combination in an easel, of the face-plate and the single-wing backstay, said backstay having the marginal attaching-
15 flange partly separated from it by a score-line to enable the backstay to be set in the position for supporting the face-plate in use, and also having two flap-braces to secure it in such position, said flap-braces produced out

of the backstay by cut lines and a score-line, 20 one of which cut lines is coincident with the score-line of the attaching-flange, said flap-braces adapted to be set laterally on opposite sides of said backstay respectively, with one edge bearing against the face-plate, and the 25 score-lines of the flap-braces having the inclination to draw the points of said braces against the face-plate, said backstay secured by its attaching-flange to the back of the face-plate substantially as described. 30

Signed at New York city, in the county and State of New York, this 21st day of April, A. D. 1896.

GUSTAF L. R. DAHLBERG.

Witnesses:

W. J. MORGAN,
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