

No. 861,253.

PATENTED JULY 30, 1907.

J. F. BRADY.
FRAME.

APPLICATION FILED MAY 25, 1908.

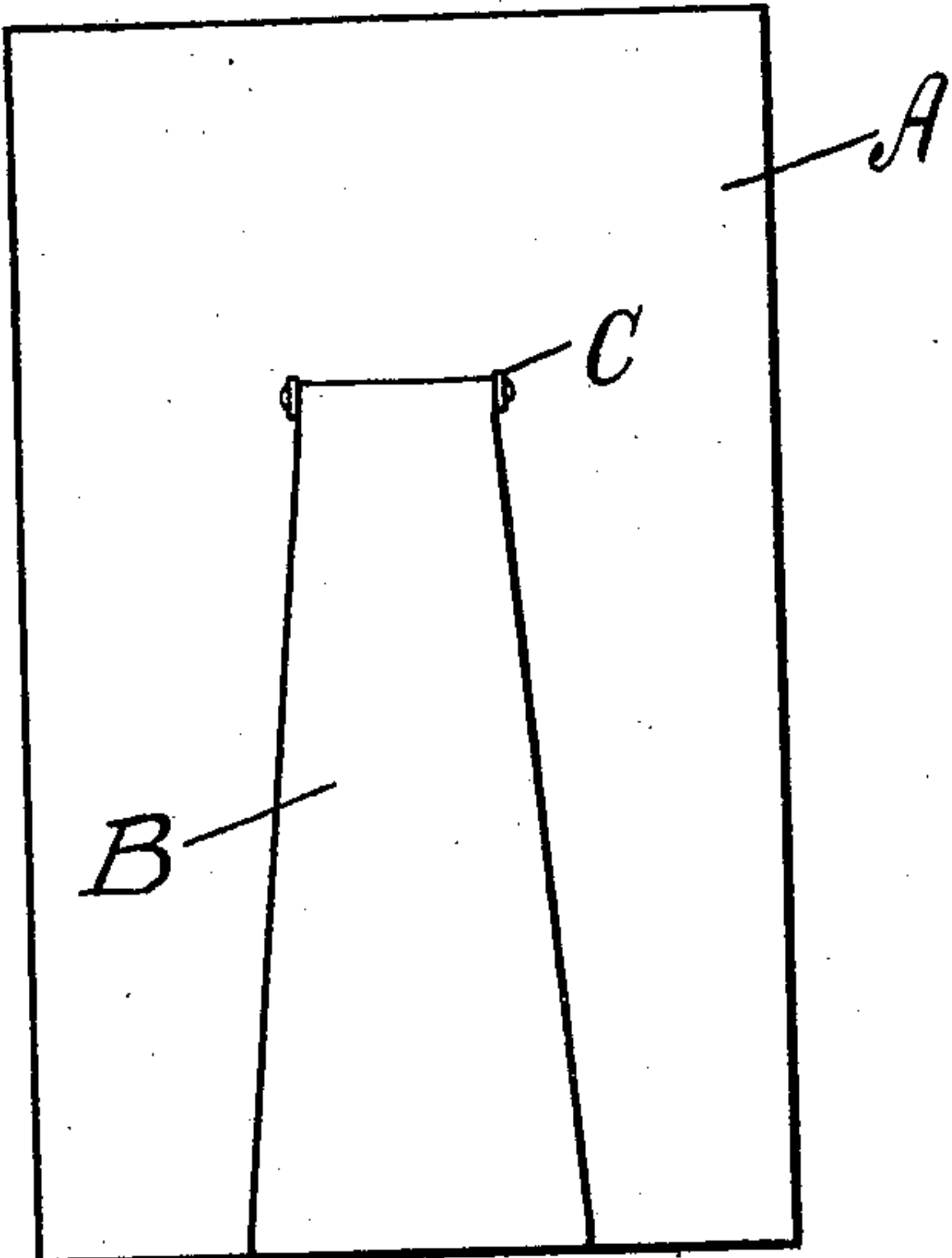


FIG 1

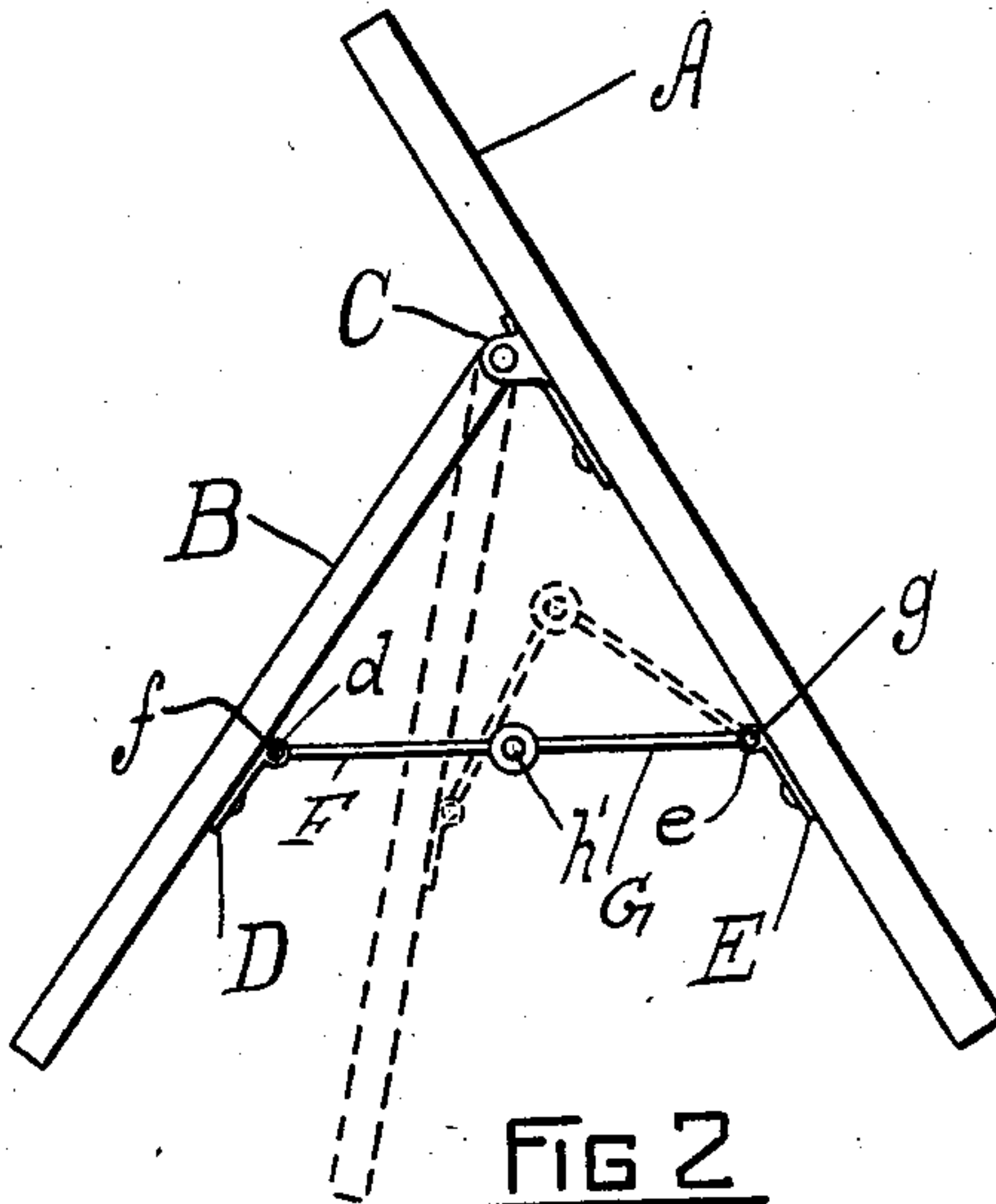


FIG 2

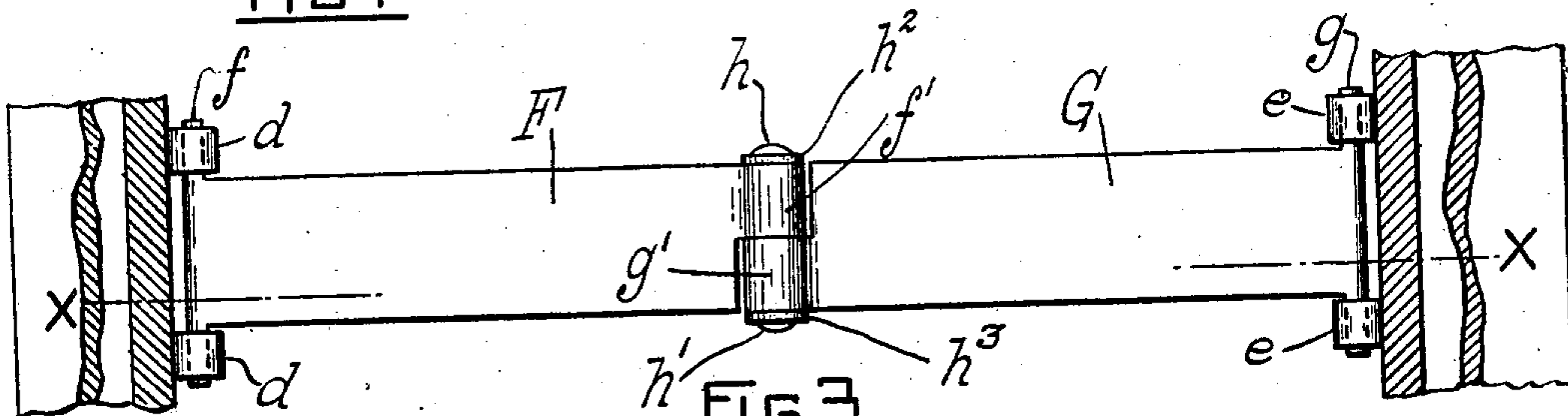


FIG 3

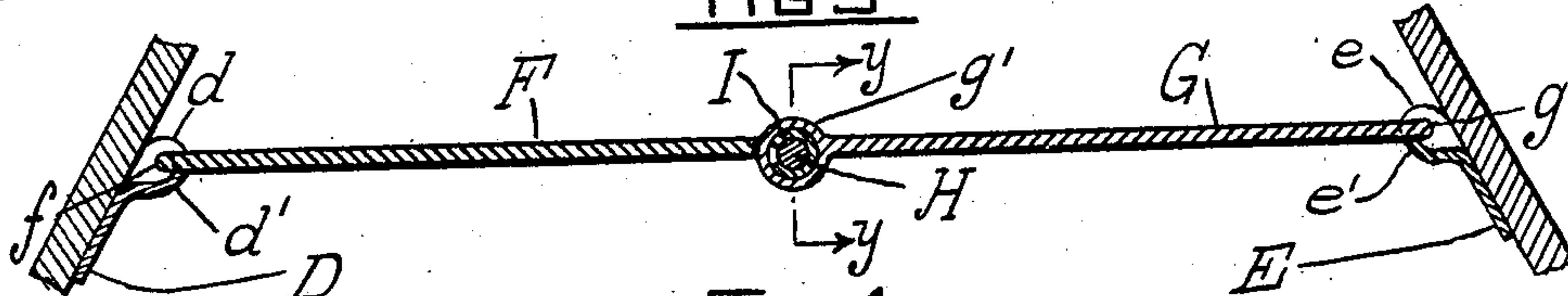


FIG 4

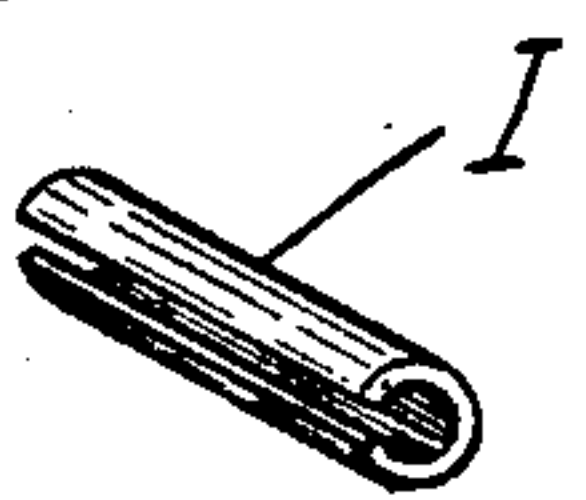


FIG 6

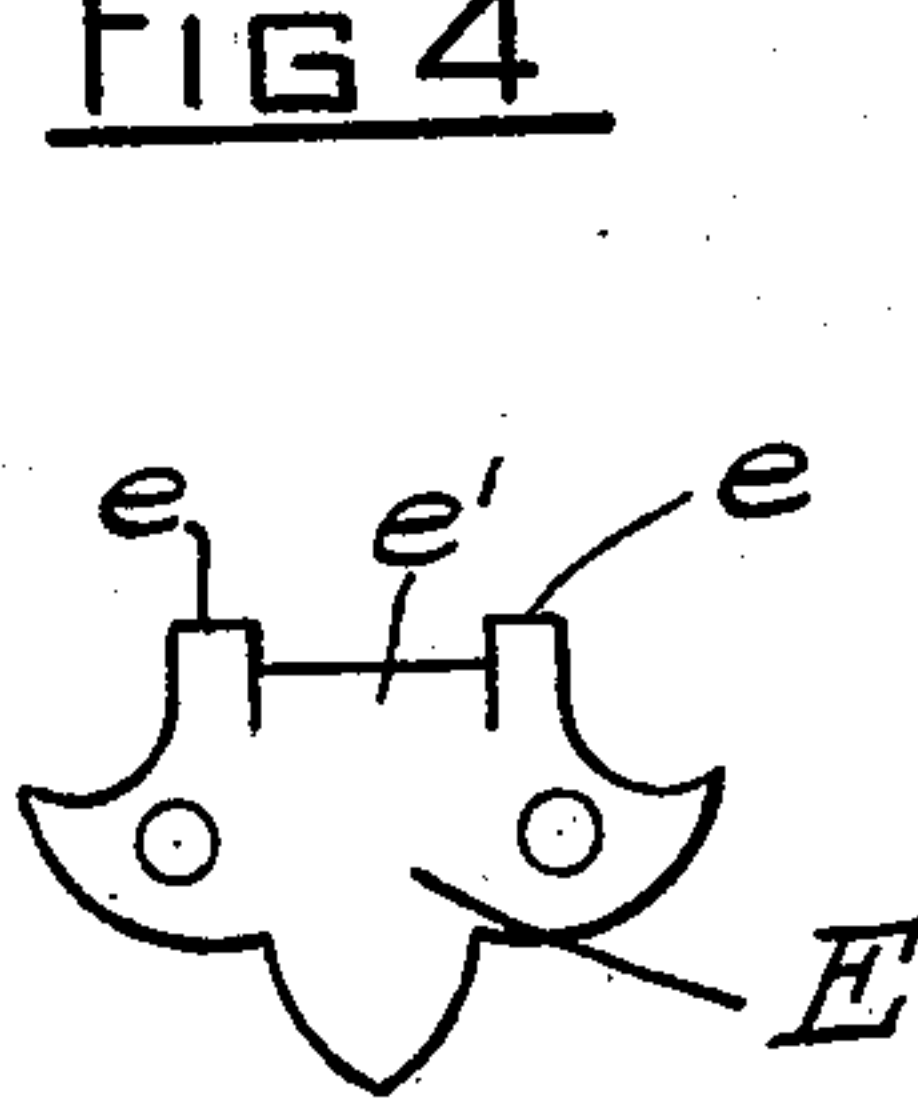


FIG 7

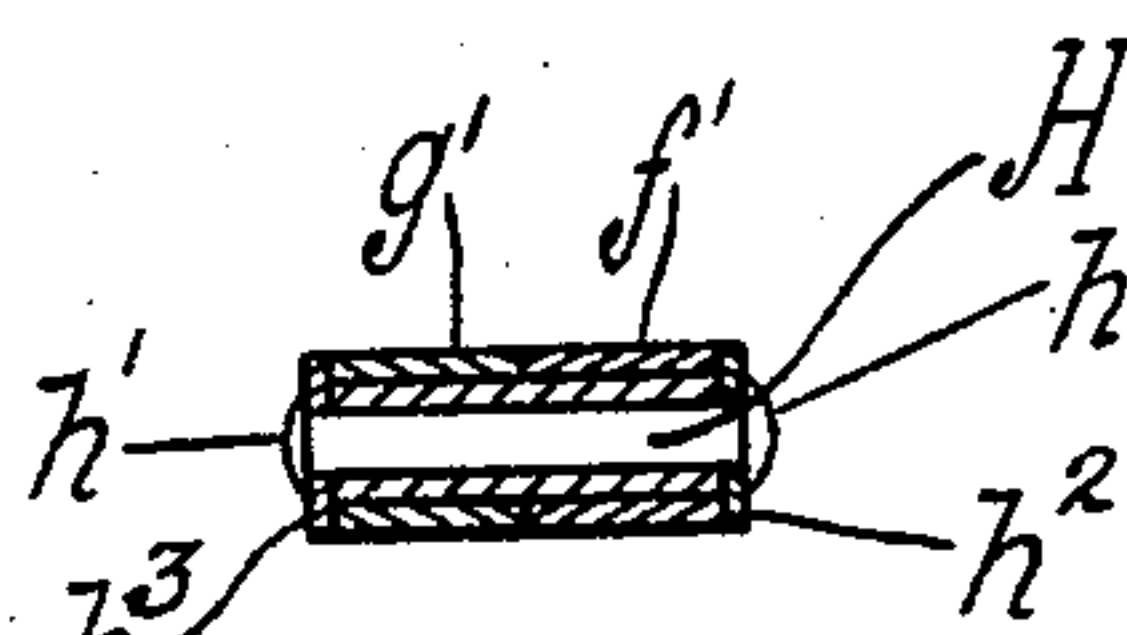


FIG 5

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FRAME.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN F. BRADY, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Frames, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to standard frames for pictures mirrors and similar articles, and is particularly directed to the brace and support thereof.

The objects of the invention are to provide an effective means for maintaining the support at all times in adjusted position, and a means which shall be applicable for use upon fabric covered frames as well as others.

To the above ends essentially my invention consists in the construction and combination of parts hereinafter described, and illustrated in the accompanying drawings, wherein,

Figure 1 is a rear elevation of a frame containing my invention. Fig. 2, a side elevation of the same showing in broken lines an adjusted position of support and connected parts. Fig. 3, is a plan view of the brace. Fig. 4, a longitudinal section of the same on line $x x$ of Fig. 3. Fig. 5, a section of the same on line $y y$ of Fig. 3. Fig. 6, a detail view of the spring sleeve member, and Fig. 7, a detail view of one of the hinge plates.

Like reference letters indicate similar parts throughout the views.

In the drawings, A represents a picture, mirror, or display frame, and B the usual support or leaf therefor connected thereto by a hinge, C.

Upon the inner face of the leaf, B, is a hinge plate, D; and a second hinge plate, E, is fixed to the inner face of the frame, A. The plate, E, comprises end bearings, e , with an intermediate upwardly directed tongue, e' . The plate, D, also comprises end bearings, d , and upward integral tongue, d' .

A jointed brace is provided, and in detail comprises two hinged bars F and G. At the outer end of the bar F are trunnions f which rest in hinge bearings or eyes d . At the outer end of the bar G are the trunnions g which rest in the hinge bearings or eyes e . The inner

end of the bar, F, has a hollow cylindrical extension, f' ; and upon the corresponding end of the bar, G, is a similar extension, g' , in axial alinement with the sleeve or extension, f' . A pivot pin, H, passes through the sleeves, f' and g' , whose heads, h and h' , are provided with washers, h^2 and h^3 , which rest respectively against the sleeves, f' and g' . Surrounding the pivot pin, H, is a split sleeve of springy metal, I, whose outer surface is in frictional contact with the inner surfaces of the sleeves, g' and h' . The spring sleeve, I, tends to retain the adjacent parts of the jointed brace at whatever angle to each other they may be placed. In Fig. 2, the brace is shown by full lines in horizontal position; and by broken lines, in an angular position. The brace is prevented from being accidentally forced into a downward angle, whereby the parts would be strained, by the hinge plate lips, d' and e' , which contact respectively with the lower faces of the bars, F and G.

What I claim is,

1. In a frame, the combination with the body and its supporting leaf, of a foldable brace uniting the leaf and body and having sleeves receiving the pivot, and frictional means inclosing the pivot of said brace and received in both of the sleeves of the joint therebetween for retaining the brace in folded position.

2. In a frame the combination with the body and its supporting leaf, of a hinge plate upon the leaf, a hinge plate upon the body, bars pivotally mounted in the hinge plates, sleeves upon the free ends of the bars, a pivot pin in the sleeves, and a split sleeve intermediate the pivot pin and the sleeves and received in both of said sleeves and bridging the joint between them.

3. In a frame the combination with the body and its supporting leaf, of hinge plates upon the leaf and body, bearings on the hinge plates, upturned tongues upon the plates intermediate the bearings, and a foldable brace having its ends formed into trunnions mounted in said bearings with the adjacent portion of the brace adapted to bear on said upturned tongue.

In testimony whereof I have affixed my signature in presence of two witnesses.

JOHN F. BRADY.

Witnesses:

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HAROLD E. BALL.