

No. 744,366.

PATENTED NOV. 17, 1903.

J. B. LANDRY.
SHADE BRACKET.

APPLICATION FILED JULY 30, 1903.

NO MODEL.

Fig. 1.

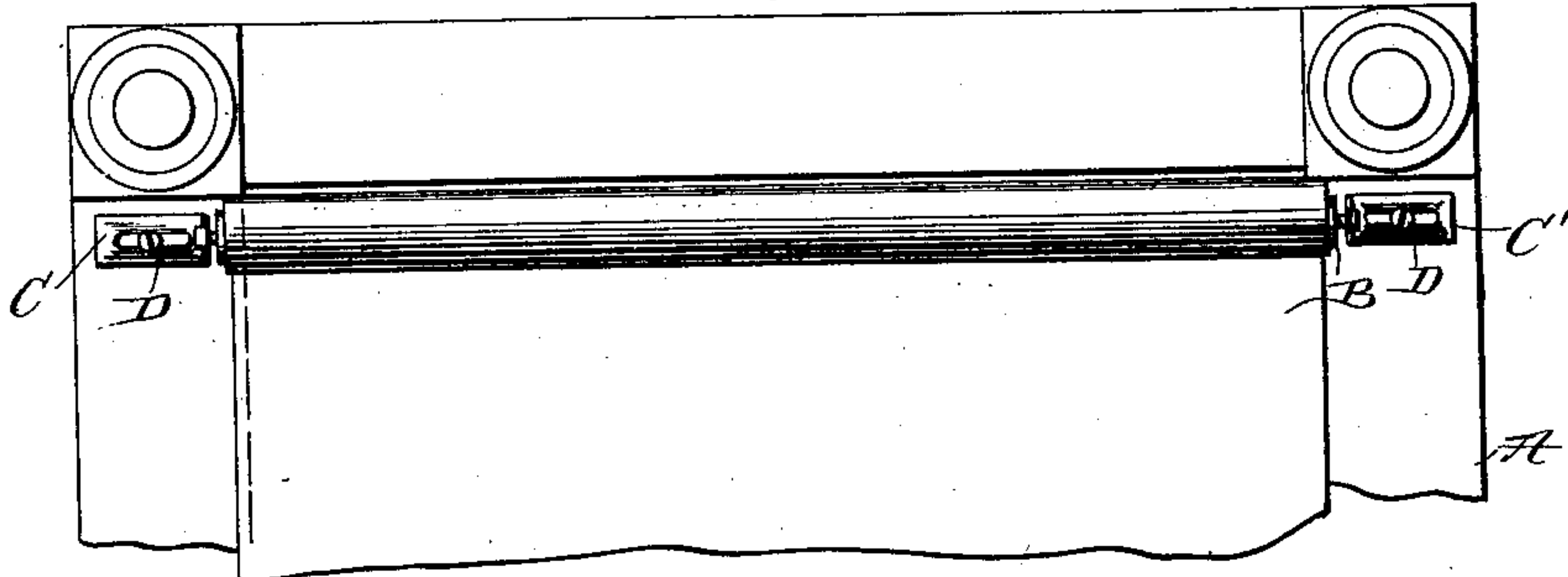


Fig. 2.

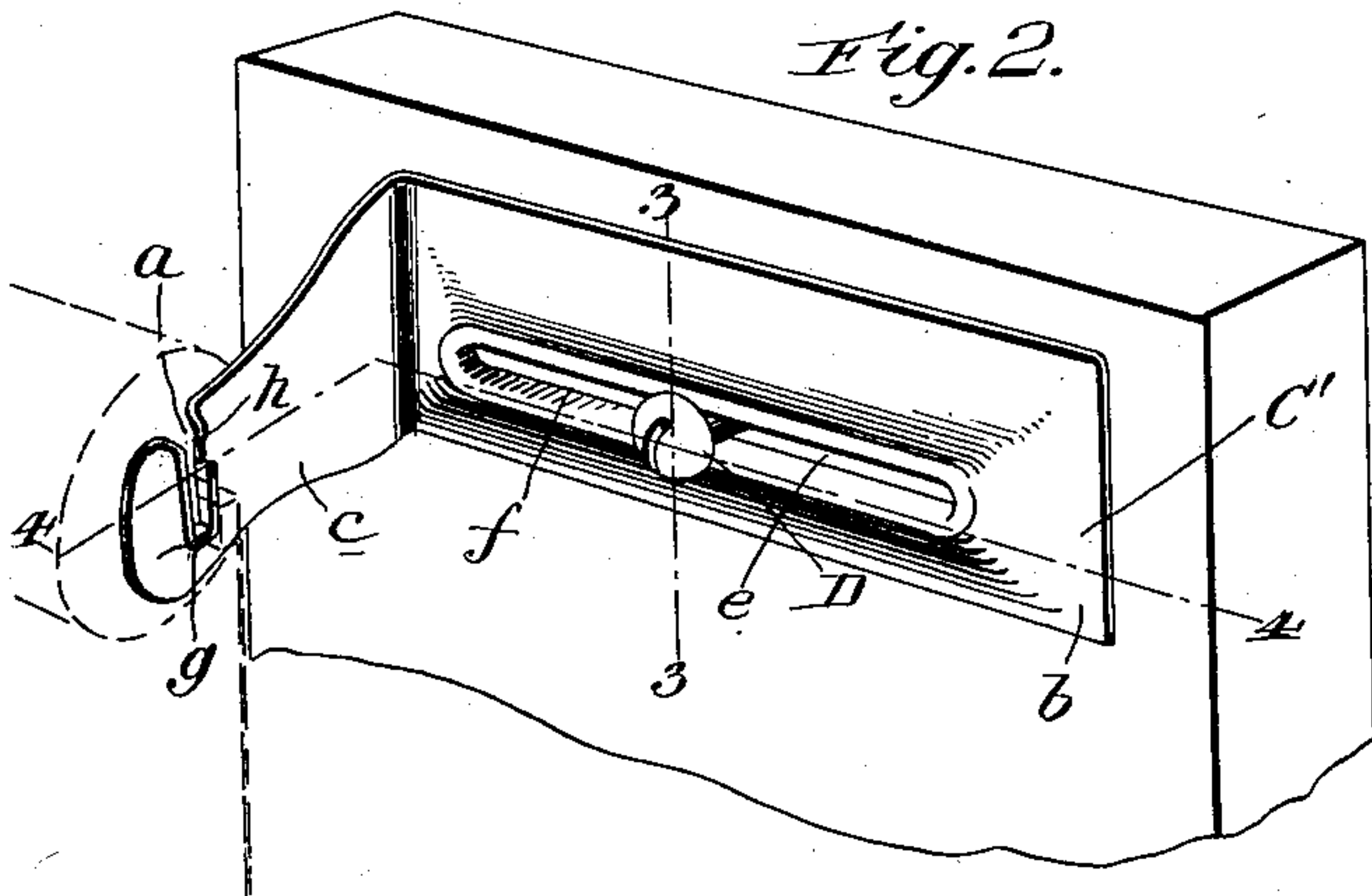


Fig. 3.

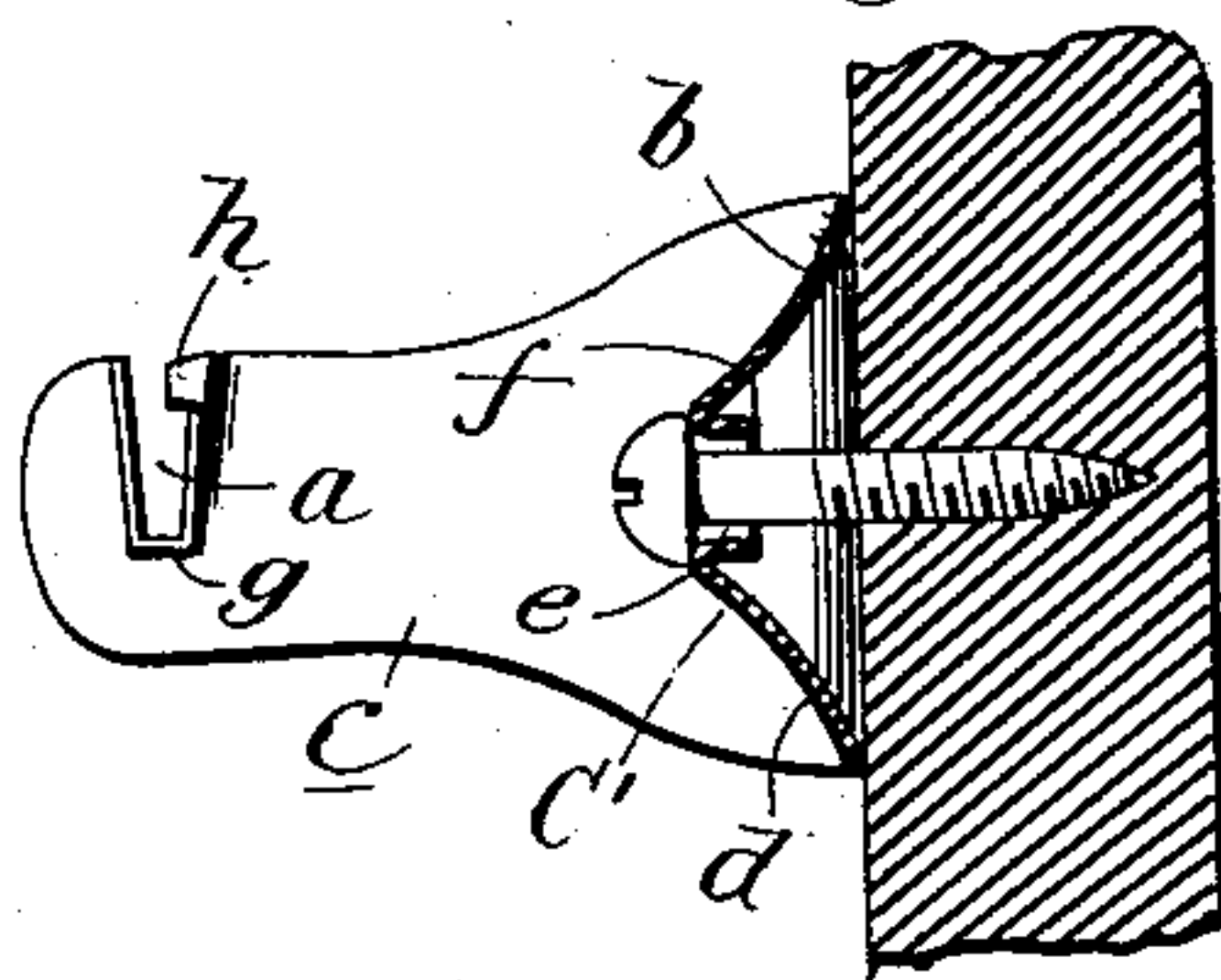
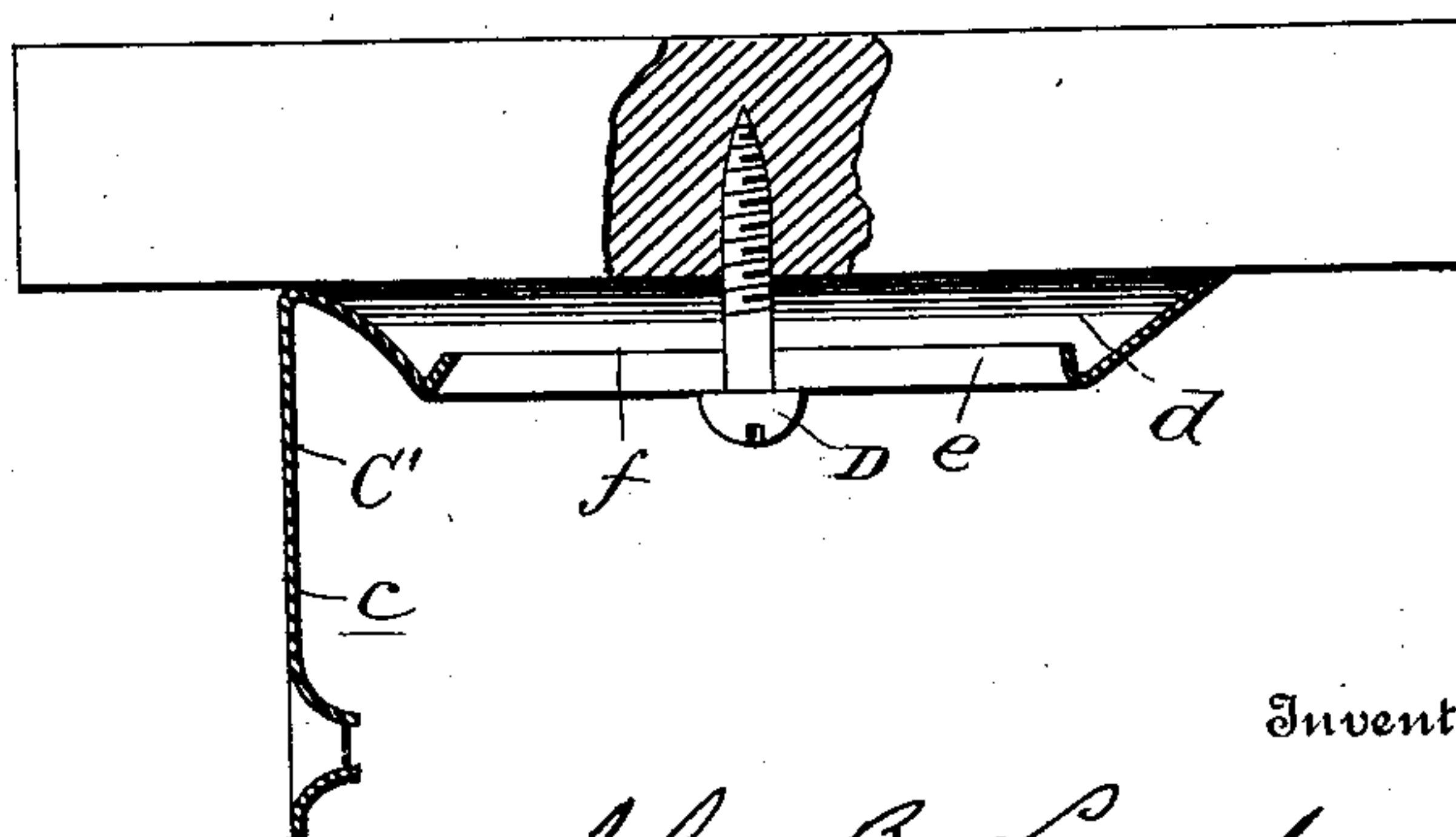


Fig. 4.



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SHADE-BRACKET.

SPECIFICATION forming part of Letters Patent No. 744,366, dated November 17, 1903.

Application filed July 30, 1903. Serial No. 167,644. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. LANDRY, a subject of the King of Great Britain, residing at Franklin, in the county of Norfolk and State of Massachusetts, have invented new and useful Improvements in Shade-Brackets, of which the following is a specification.

My invention pertains to shade-brackets; and it has for its object to provide a cheap and light bracket of sheet metal embodying such a construction that it is possessed of the strength and rigidity necessary to enable it to withstand the usage to which shade-brackets are ordinarily subjected.

The invention will be fully understood from the following description and claims when taken in connection with the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view illustrating two of my novel brackets as connected to a window-casing and supporting a shade-roller. Fig. 2 is an enlarged perspective view illustrating one of the brackets in its operative position; and Figs. 3 and 4 are sections taken in the planes indicated by the lines 3 3 and 4 4, respectively, of Fig. 2.

Similar letters designate corresponding parts in all of the several views of the drawings, referring to which—

A is a window-casing, and B a shade-roller. These parts may be and preferably are of the ordinary well-known construction.

C C' are my novel brackets, which have for their purpose to support the roller B, and D D are screws, through the medium of which the brackets are connected to the faces of the side stiles of casing A. The brackets C C' are similar in construction, with the exception that the bracket C has a circular aperture in its arm to receive a trunnion at one end of the roller B, while the bracket C' has a notch *a* in the upper edge of its arm to receive the angular end of a shaft on which the opposite end of the roller rotates. For this reason a detailed description of the bracket C' will suffice to impart a clear understanding of both brackets. The said bracket C' is stamped or otherwise formed of a single piece of sheet metal, and comprises a body *b* and an arm *c*, extending from one end of the body and disposed at right angles thereto.

The body *b* is bulged outwardly—i. e., has rearwardly-extending inwardly-curved side and end flanges, as indicated by *d* and best shown in Figs. 3 and 4—and is provided with a longitudinal central slot *e*, designed for the passage of one of the screws D, and inwardly-extending side and end flanges *f*, which surround said slot. In virtue of the body *b* being bulged, as indicated by *d*, and provided with the flanges *f* it will be observed that rigidity and strength are lent to the said body, and the same is enabled to withstand the usage to which a shade-bracket is ordinarily put, notwithstanding the lightness of the sheet metal. The arm *c* extends outwardly from the rear edge of the inner end flange of the bulged body, Fig. 4, and is disposed with its greatest width vertical, this to enable it to better sustain the weight of the shade-roller. Said arm is provided around its notch *a* with a flange *g*, designed to afford a broad bearing for the shaft on which roller B turns, and is also provided with a lip *h*, Figs. 2 and 3, which is disposed as shown and has for its purpose to prevent the shaft of the roller from jumping out of the notch *a*.

In the practical use of my improved brackets the same are connected to the faces of the side stiles of the window-frame through the medium of the screws D, and after being adjusted to suit the length of the roller to be supported are fixed to the stiles by tightening the screws. In this way the brackets may be readily adjusted and adjustably fixed to accommodate rollers of various lengths.

It will be readily observed from the foregoing that because of their construction my improved brackets are rigid and strong, and this notwithstanding their lightness and the fact that they are respectively formed of a single piece of sheet metal. It will also be appreciated that notwithstanding their cheapness the brackets are finished and ornamental in appearance.

I prefer to slot both of the brackets C C' with a view of permitting of their being readily adjusted; but it is obvious that when desired one bracket may have in lieu of the slot *e* an opening of a size to snugly receive one of the screws D, surrounded by a flange similar to the flange *f*.

I have entered into a detailed description

of the construction and relative arrangement of the parts embraced in the present and preferred embodiment of my invention in order to impart a full, clear, and exact understanding of the same. I do not desire, however, to be understood as confining myself to such specific construction and relative arrangement of parts, as such changes or modifications may be made in practice as fairly fall within the scope of my invention as claimed.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. As a new article of manufacture, a shade-bracket formed of a single piece of sheet metal, and comprising a body having rearwardly-extending side flanges, and also having a rearwardly-extending end flange, and an arm extending outwardly from the rear edge of the end flange of the body, and disposed vertically.

2. As a new article of manufacture, a shade-bracket, formed of a single piece of sheet metal, and comprising a body having rearwardly-extending, inwardly-curved side and end flanges, and also having a transversely-disposed opening, and rearwardly-extending

side and end flanges surrounding the same, and an arm extending forwardly from the rear edge of one of the first-mentioned end flanges of the body, and disposed with its greatest width vertical.

3. As a new article of manufacture, a shade-bracket, formed of a single piece of sheet metal, and comprising a body having rearwardly-extending, inwardly-curved side and end flanges, and also having a longitudinal central, transversely-disposed slot, and rearwardly-extending side and end flanges surrounding the same, and an arm extending forwardly from the rear edge of one of the first-mentioned end flanges of the body, and disposed vertically; said arm having a notch in its upper edge, and also having a flange around said notch, and a lip extending laterally from one wall of the notch, and disposed in the upper portion thereof.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN B. LANDRY.

Witnesses:

BELLE SMITH,
GEO. W. SPAULDING.