

C. H. LUENING.  
EXTENSION SHADE BRACKET.  
APPLICATION FILED APR. 6, 1908.

912,700.

Patented Feb. 16, 1909.

Fig. 1.

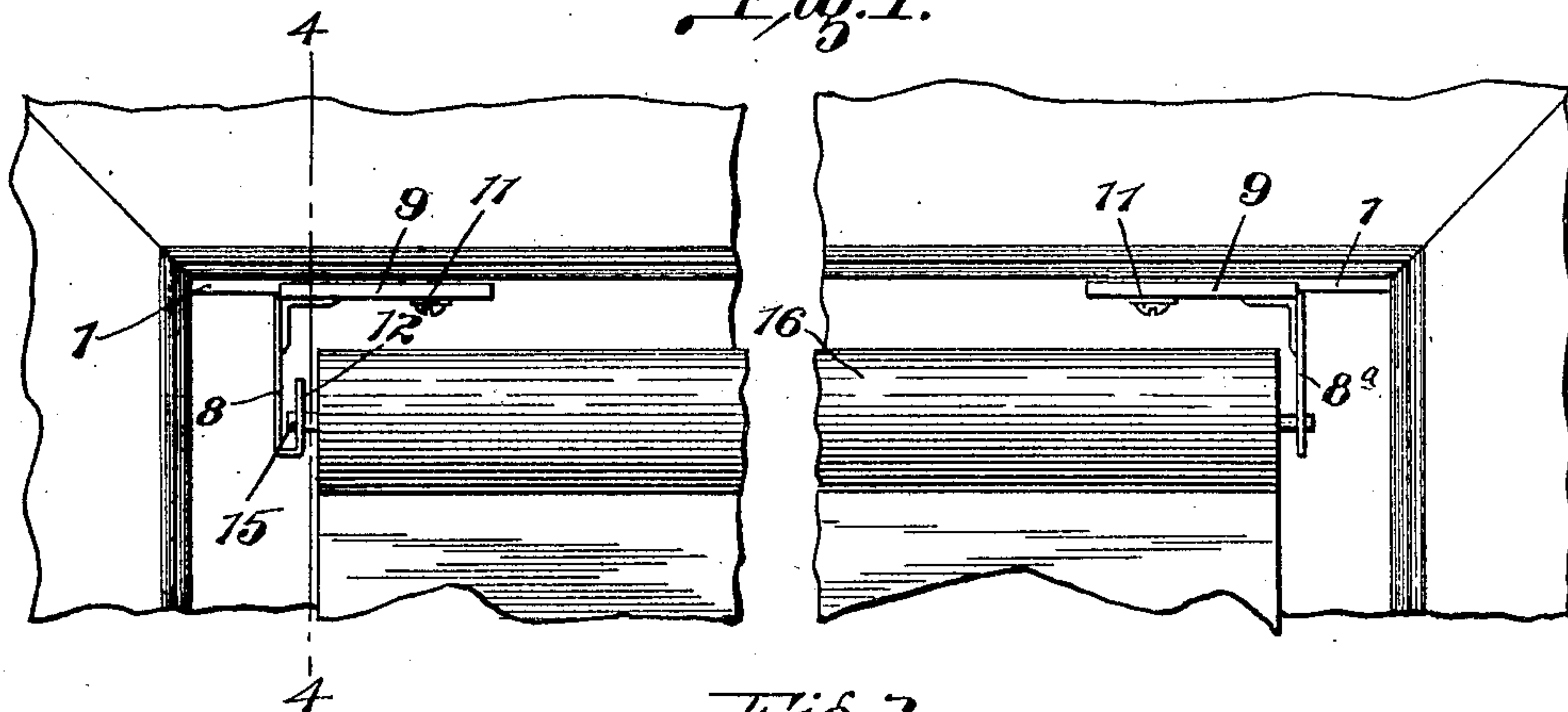


Fig. 2.

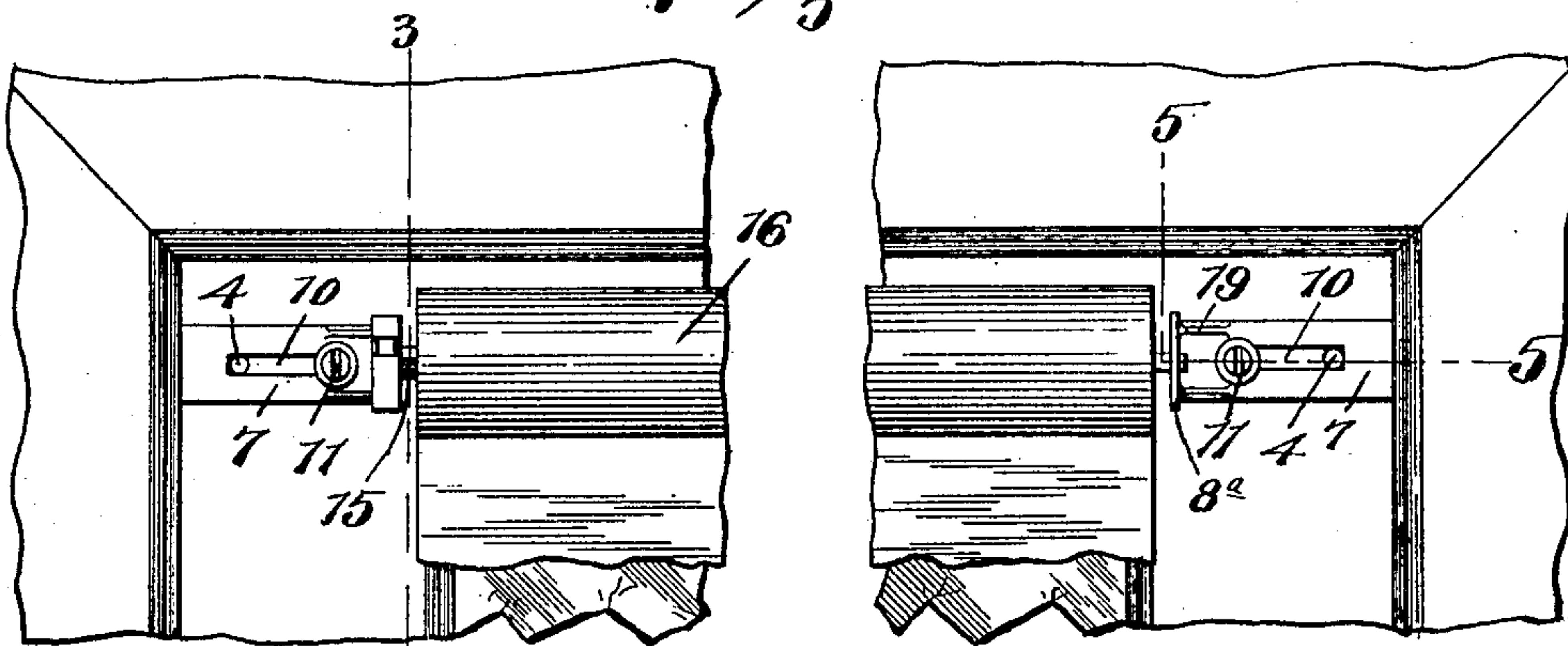


Fig. 3.

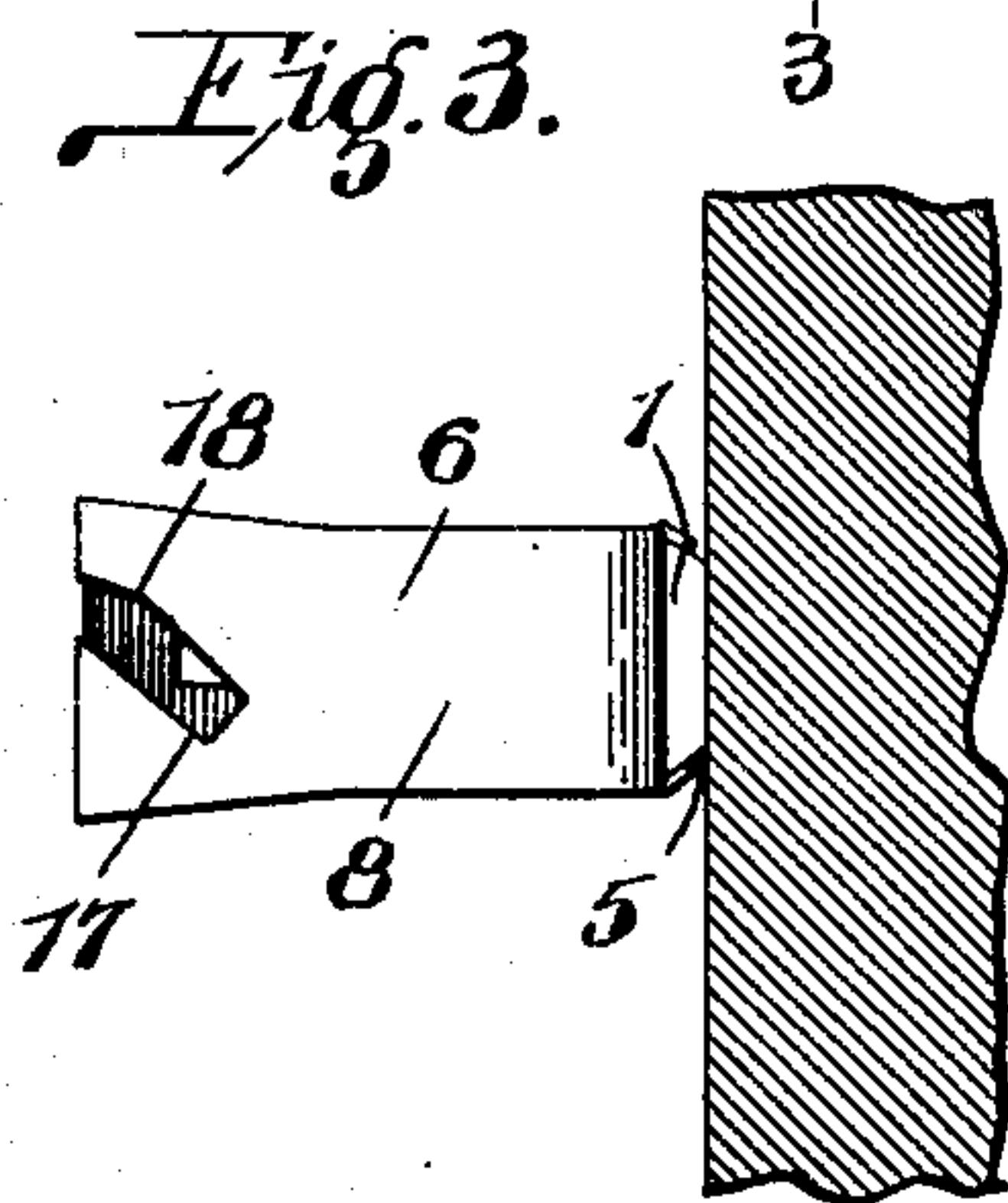


Fig. 4.

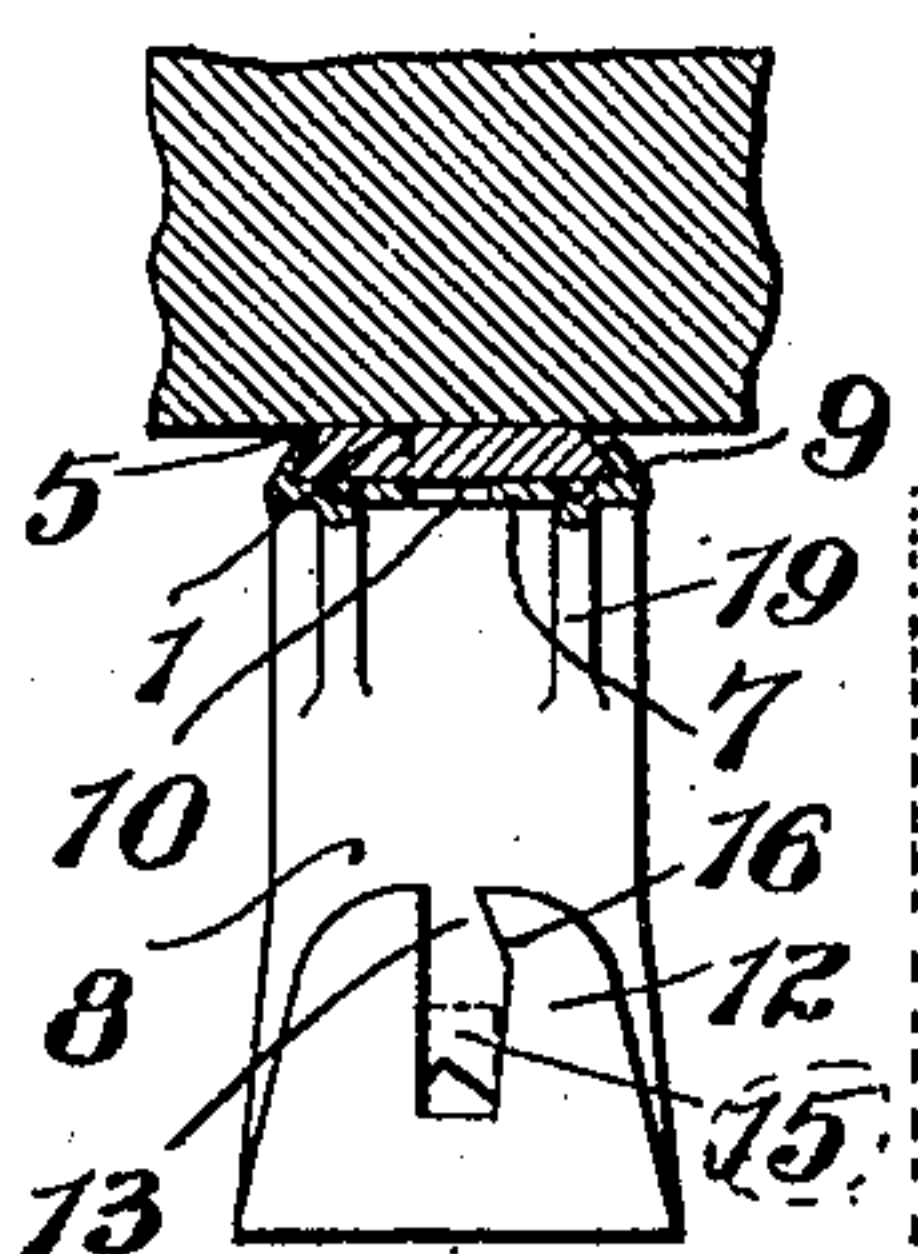
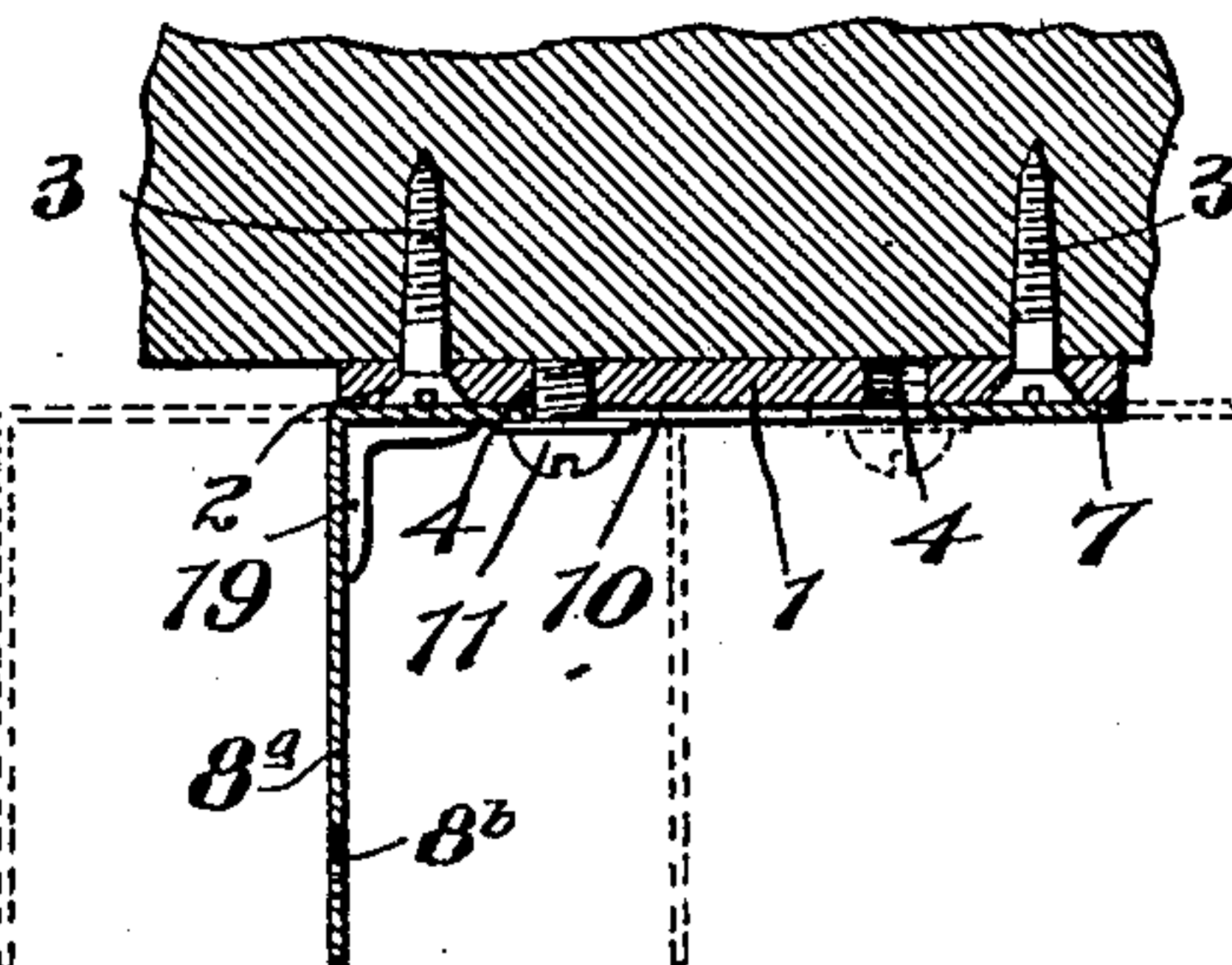


Fig. 5.



Attest.

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# UNITED STATES PATENT OFFICE.

CHARLES H. LUENING, OF ST. LOUIS, MISSOURI.

## EXTENSION SHADE-BRACKET.

No. 912,700.

Specification of Letters Patent.

Patented Feb. 16, 1909.

Application filed April 6, 1908. Serial No. 425,421.

*To all whom it may concern:*

Be it known that I, CHARLES H. LUENING, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Extension Shade-Brackets, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to improvements in extension shade brackets, and the object of my invention is to provide a shade bracket which may be adjusted to receive various lengths of shade rollers, and which may be applied to the casing or window sash, beneath the top of the casing, to the front face of the casing, or to the window sash.

A further object of my invention is to construct the openings which receive the pintles of the window shade roller in such a manner as to partially prevent the accidental displacement of the pintles when the device is in use, this object being accomplished by constructing one edge of the slot so as to give it an angular contour.

To the above purposes, my invention consists in certain novel features of construction and arrangement of parts which will be hereinafter more fully set forth, pointed out in the claims, and illustrated in the accompanying drawings, in which:

Figure 1 is a front elevation of a window casing and shade roller with parts broken away, showing my invention applied underneath the top of the window frame or casing; Fig. 2 is a similar view showing my invention applied to the front face of the top window sash; Fig. 3 is a section taken on the line 3—3 looking toward the left, of Fig. 2; Fig. 4 is a section taken on the line 4—4 of Fig. 1, with the pintle of the shade roller shown in dotted lines, and Fig. 5 is a section taken on the line 5—5 of Fig. 2.

Referring by numerals to the accompanying drawings: 1 indicates the base plate, by means of which the bracket may be secured to the casing or the sash. Said base plate is provided with counter sunk holes 2, by means of which the said plate may be secured to the sash or to the window casing by means of screws 3, and it is also provided with screw threaded holes 4, for the purpose more fully hereinafter set forth. The said plate is provided with beveled edges 5.

6 indicates the bracket, which may be in

rights and lefts. Said bracket is stamped from a piece of sheet metal, and may be defined as having two portions, 7 and 8, bent at right angles to each other. The portion 7 is provided with a dove-tailed recess 9, in which the base plate 1 is adapted to fit. This dove-tailed recess 9 is formed by bending over the edges of the portion 7. By reference to Fig. 4 it will be seen that the dove-tailed recess 9 is of shallower depth than the thickness of the plate 1, by reason of which the bent over edges of the portion 7 are held away from the woodwork to which the plate 1 is secured. The portion 7 is provided with an elongated opening 10.

11 indicates a screw, which is adapted to be passed through the opening 10 and inserted in the screw threaded openings 4 of the plate 1. By means of this screw, the bracket is held in its desired adjustment on the plate 1. It will be noticed in this connection that the said plate 1 is provided with two screw threaded openings 4, and the screw 11 may be inserted in either one of said openings, thus providing for a substantial adjustment of the brackets to receive shade rollers of various lengths.

The portion 8 of the brackets is bent at right angles to the portion 7, and the terminal portion 12 of the portion 8 is bent over and spaced apart and lies parallel with the body of the portion 8. This portion 12 is provided with a recess 13, in which is adapted to be seated the angular pintle 15 of the shade roller 16. By referring to Fig. 4, it will be seen that the recess 13 is provided with an over-hanging projection or wall 16<sup>a</sup>, which prevents, or has a tendency to prevent, the accidental displacement of the pintle 15 of the shade roller when in use.

The bent over portion 12, provided with the recess 13, is necessary if it is desired to fasten the bracket underneath the top of the window frame or casing. The portion 8 of the bracket is also provided with another recess 17, provided with an angular wall 18. This recess 17 is utilized when the bracket is secured either to the window sash or the front face of the window casing or frame, the angular wall 18 being provided to prevent the accidental displacement of the pintle of the roller.

The bracket may be provided with a straight arm 8<sup>a</sup>, provided with a round opening 8<sup>b</sup> for the reception of the round pintle of the shade roller.



Spanning the bend in the bracket are formed strengthening ribs 19. These strengthening ribs project across the bend and terminate in the portions 7 and 8. The function of these ribs is to strengthen the bracket.

In practice the plates 1 may be secured to the top of the window casing, to the front face of the window casing, or to the front face of the top sash, and when so secured may be left in place. The bracket portion may be entirely removed, if desired, or adjusted, if adjustment is required, by means of the screw 11.

I claim:

1. An extension shade bracket, comprising a plate provided with beveled edges and which plate is provided with a series of apertures to receive fastening devices, an angle bracket arranged on said plate, the edges of which angle bracket engage over the beveled edges of the plate, there being a slot formed in said angle bracket, a set screw passing through said slot and engaging in one of the apertures in the plate, reinforcing ribs formed integral with the angle bracket at the

point where the same is bent, and there being an aperture formed through the outer end of the angle bracket for receiving the pintle of the shade roller.

2. An extension shade bracket, comprising a plate provided with beveled edges, screw openings for fastening the plate wherever desired, and screw threaded openings, a bracket provided with a dove-tailed recess and an elongated slot mounted on said plate, a screw for securing said bracket in its desired adjustment on said plate, said bracket being provided with a bent over terminal portion, spaced apart from the body of the bracket, and said body portion of the bracket and the bent over portion each provided with an aperture having an angular wall adapted to receive the angular pintle of a shade roller.

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

CHARLES H. LUENING.

Witnesses:

M. P. SMITH,

E. L. WALLACE.