

No. 667,299.

Patented Feb. 5, 1901.

J. DERUS.

BRACKET FOR WINDOW SHADES, CURTAINS, &c.

(Application filed Oct. 30, 1900.)

(No Model.)

Fig. 1.  $\times 2$

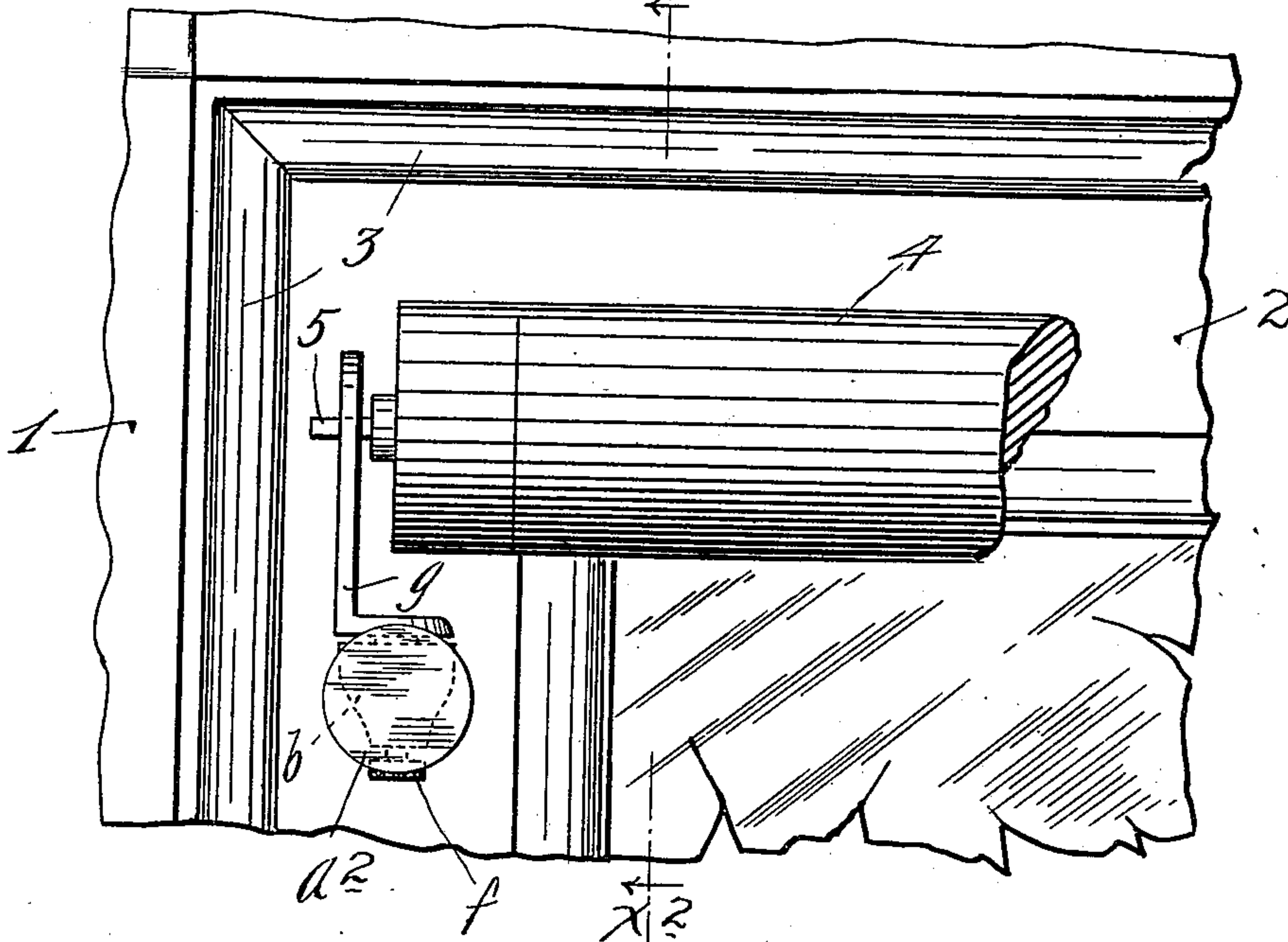


Fig. 2.

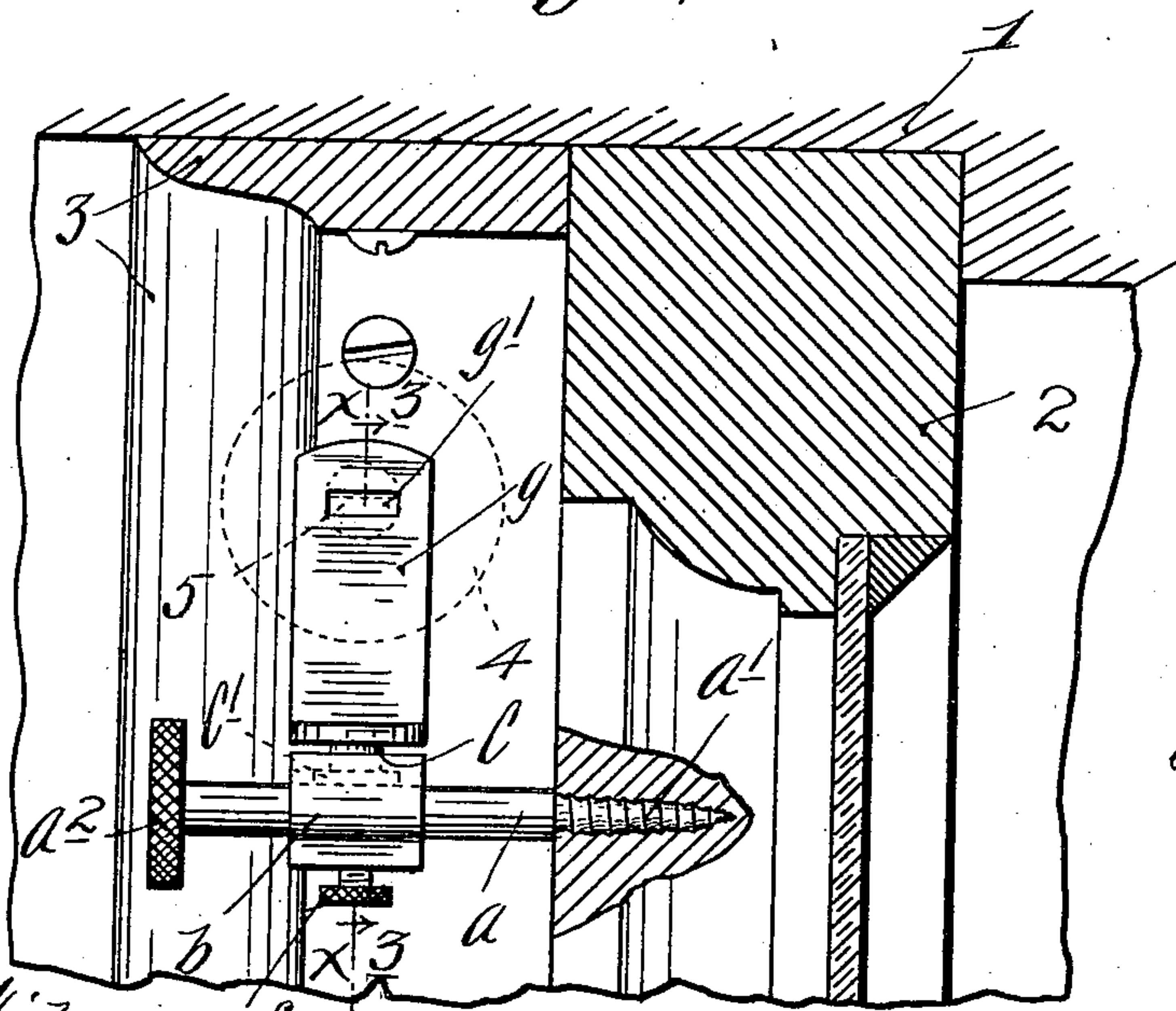
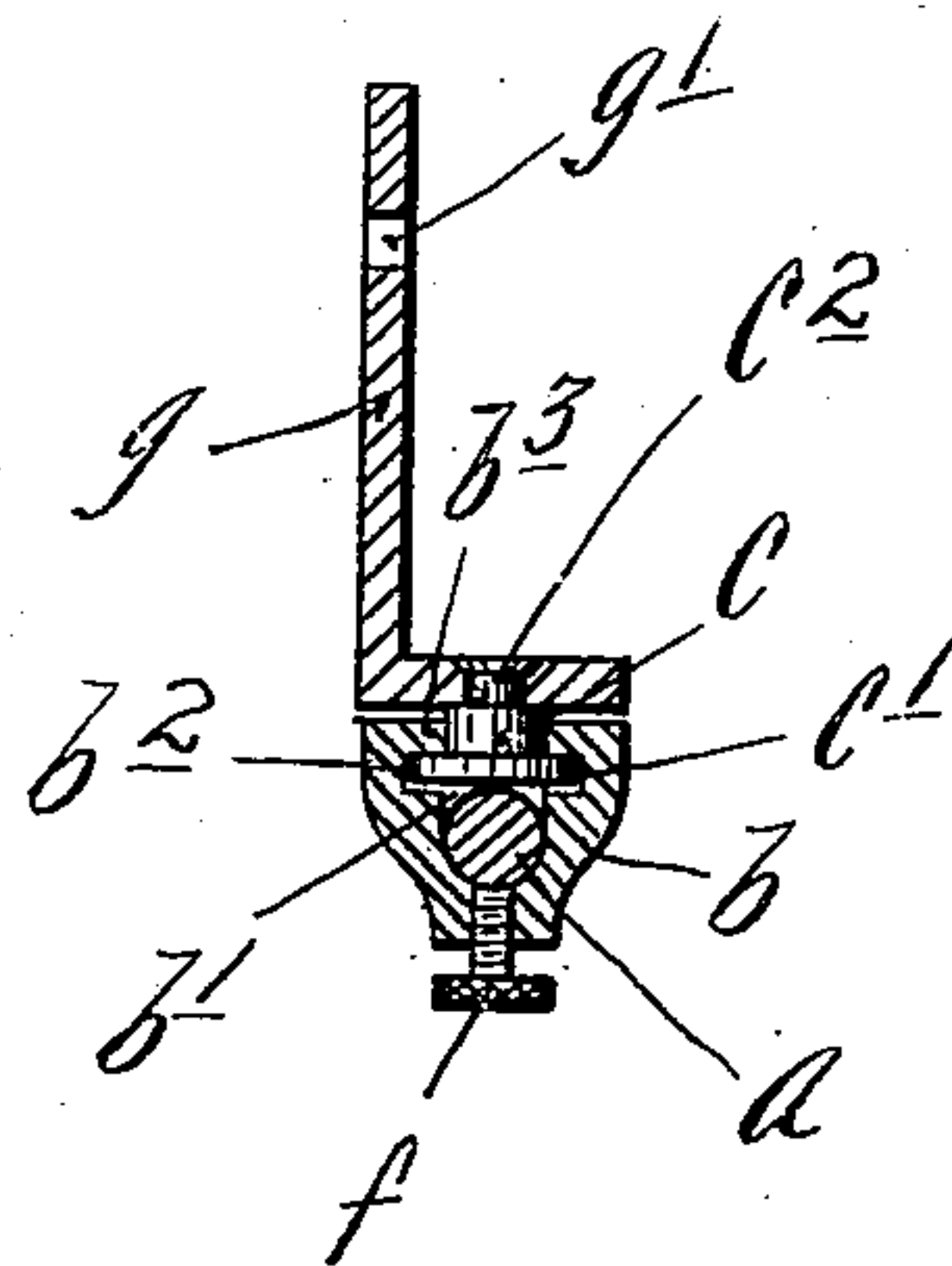


Fig. 3.



Witnesses  
Harry Hilgord  
Mabel M. McGraw

Inventor:  
John Derus.  
By his Attorneys.

Williamson & Merchant



# UNITED STATES PATENT OFFICE.

JOHN DERUS, OF MINNEAPOLIS, MINNESOTA.

## BRACKET FOR WINDOW SHADES, CURTAINS, &c.

SPECIFICATION forming part of Letters Patent No. 667,299, dated February 5, 1901.

Application filed October 30, 1900. Serial No. 34,884. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN DERUS, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Brackets for Window Shades, Curtains, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My present invention has for its object to provide an adjustable bracket for window shades, curtains, &c.; and to this end it consists of the novel devices and combinations of devices hereinafter described, and defined in the claims.

The invention is illustrated in the accompanying drawings, wherein like characters indicate like parts throughout the several views.

Figure 1 is a view in elevation showing a portion of a window-frame having a fixed window-sash with a shade-roller secured at one end by one of my improved brackets. Fig. 2 is a transverse section on the line  $x^2 x^2$  of Fig. 1, and Fig. 3 is a section on the line  $x^3 x^3$  of Fig. 2.

The numeral 1 indicates the window-frame, and the numeral 2 a fixed sash held therein by a stop-strip 3. The numeral 4 indicates an ordinary spring-mounted shade-roller having at the end shown a flattened spring-stem 5 of ordinary construction.

My improved bracket involves a supporting-bolt  $a$ , provided at one end with screw-threads  $a'$ , constituting a lag-screw, and provided at its other end with means for turning it, preferably in the form of a knurled head  $a^2$ .

The character  $b$  indicates a head or block, which is perforated at  $b'$  to receive the bolt  $a$  and permit the same a slight lateral movement.

The character  $c$  indicates a short stud provided with a head or inner end flange  $c'$ , which works in a suitable seat  $b^2$ , formed in the block  $b$ , just inward of an annular shoulder  $b^3$ . In practice it is proposed to cast the block  $b$  around the previously-formed stud  $c$  and head  $c'$ . A set-screw  $f$ , preferably having a knurled head, works through the outer

side of the block  $b$  and impinges on the bolt  $a$ , so that when the said set-screw is tightened said block  $b$  is held against both rotary and sliding movements on the bolt  $a$ , and the head  $c'$  of the stud  $c$  is in turn pressed against the shoulder  $b^3$  of said block and is frictionally held against rotation.

The letter  $g$  indicates an angle-piece the foot portion of which is perforated to pass the reduced outer end  $c^2$  of the stud  $c$ , which reduced end is then riveted to rigidly secure said stud to said angle-piece. Near its outer end the angle-piece  $g$  is provided with an elongated perforation  $g'$ , adapted to receive the flattened spring-stem 5 of the roller 4, as in the case of ordinary brackets. It will of course be understood that to support the other end of the roller another bracket of the character above described will be employed; but for this latter purpose the angle-piece  $g$  would have a round perforation in lieu of the elongated perforation  $g'$  to receive the round trunnion or pin which is projected from that end of the roller. This device is also adapted for use to support window curtains, draperies, &c., and for such purposes it will of course be understood that the perforations in the angle-pieces  $g$  may be either round or of any other suitable form.

In the illustration given in the drawings the supporting-bolt  $a$  is shown as screwed into a fixed sash, and the block  $b$  is adjusted outward on the said bolt, so as to bring the shade-roller 4 a proper distance from the window-sash. This adjustment may of course be varied under different conditions. The angle-piece  $g$  may be adjusted to any one of four positions with respect to the bolt  $a$  by a pivotal movement on the axis of the stud  $c$ . These adjustments adapt the bracket to be supported by screwing the threaded end of the bolt  $a$  either upward into the top of the window-frame or outward into the side of the frame. The several adjustments make it possible, in fact, to secure the bracket from the most convenient portion of the framework or of the window-sash. At the same time by a single manipulation of the screw  $f$  the various parts of the bracket are secured against all of their possible adjustments.

This device has the further advantage that

it may be quickly applied and removed and may be removed without injury, so that it may be used over and over again.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. A bracket for window shades, curtains, &c., comprising a bolt having a screw-threaded end, a block slidable on said bolt, a headed stud swiveled in said block, an angle-bracket  
10 secured to the outer end of said stud, and a common lock device for locking said block on said bolt and said stud to said block, substantially as described.

2. A bracket for window shades, curtains,  
15 &c., comprising the bolt *a* with threaded end

*a'*, the block *b* slidable on said bolt *a* and having the seat *b*<sup>2</sup>, the stud *c* with head *c'* swiveled in said seat *b*<sup>2</sup> and engageable with said bolt *a*, the angle-piece *g* secured to the outer end of said stud *c*, and the screw *f* working  
20 through said block *b* and impinging on said bolt *a*, to lock said block on said bolt and said stud in respect to said block, substantially as described.

In testimony whereof I affix my signature  
25 in presence of two witnesses.

JOHN DERUS.

Witnesses:

M. M. MCGRORY,

F. D. MERCHANT.