

No. 686,125.

Patented Nov. 5, 1901.

W. O. PERSON.
SHADE BRACKET.

(Application filed Feb. 14, 1901.)

(No Model.)

Fig. 1.

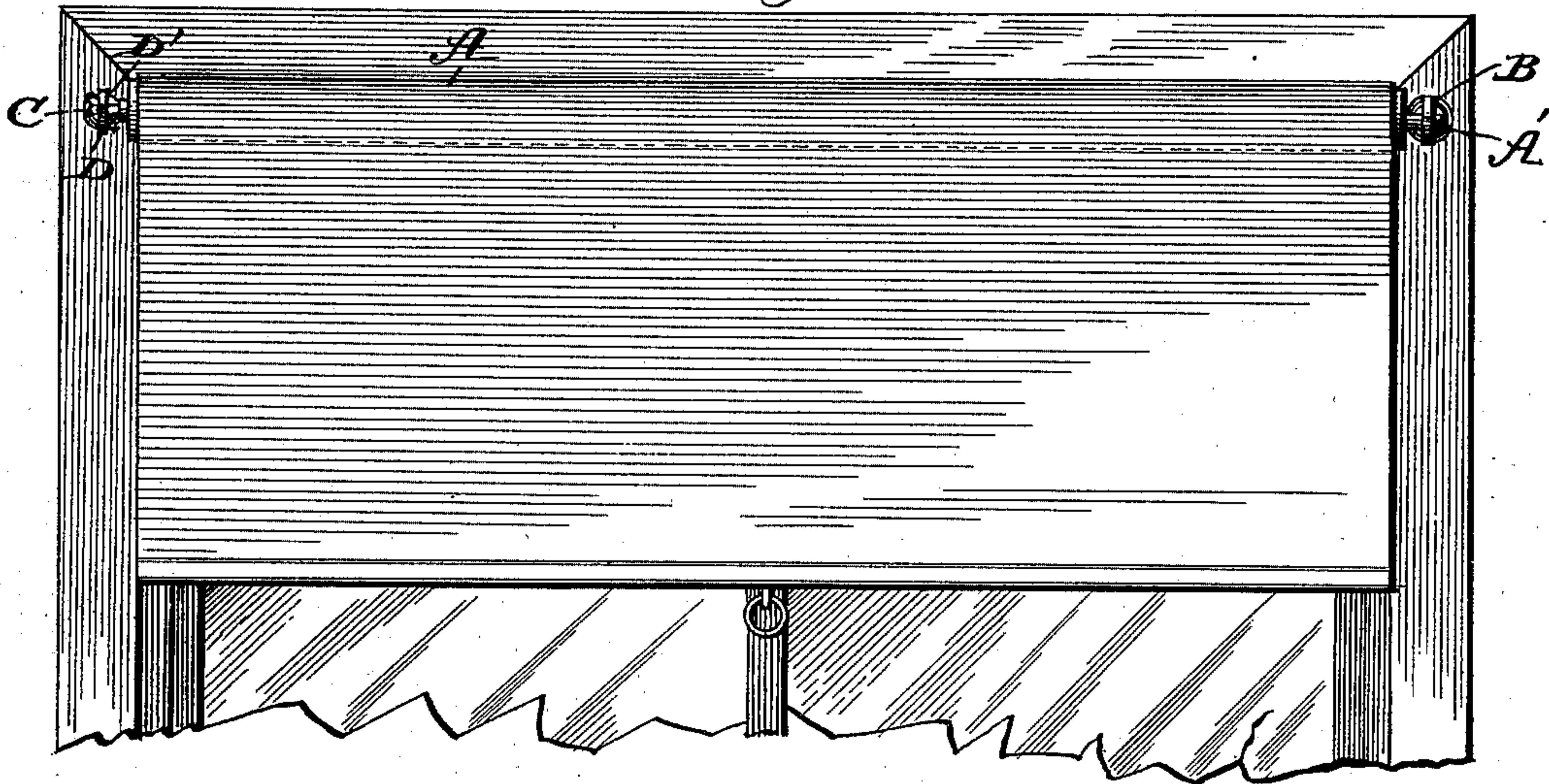


Fig. 2.

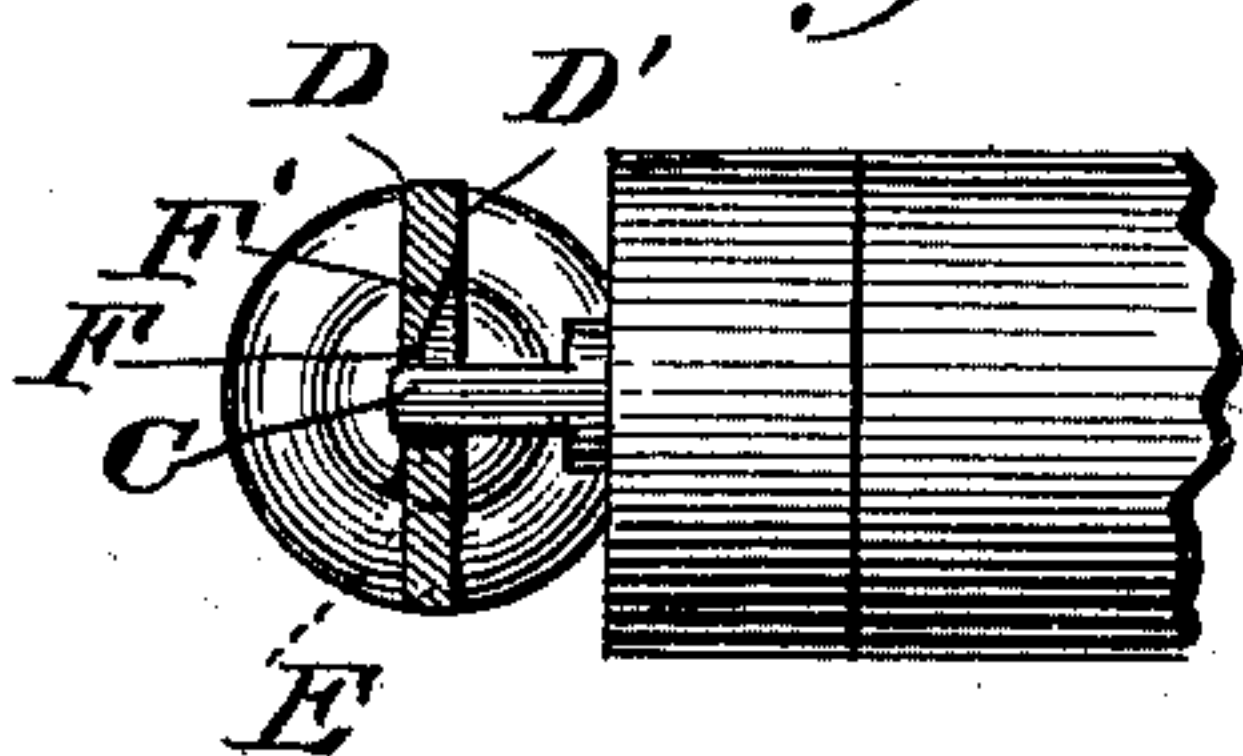


Fig. 3.

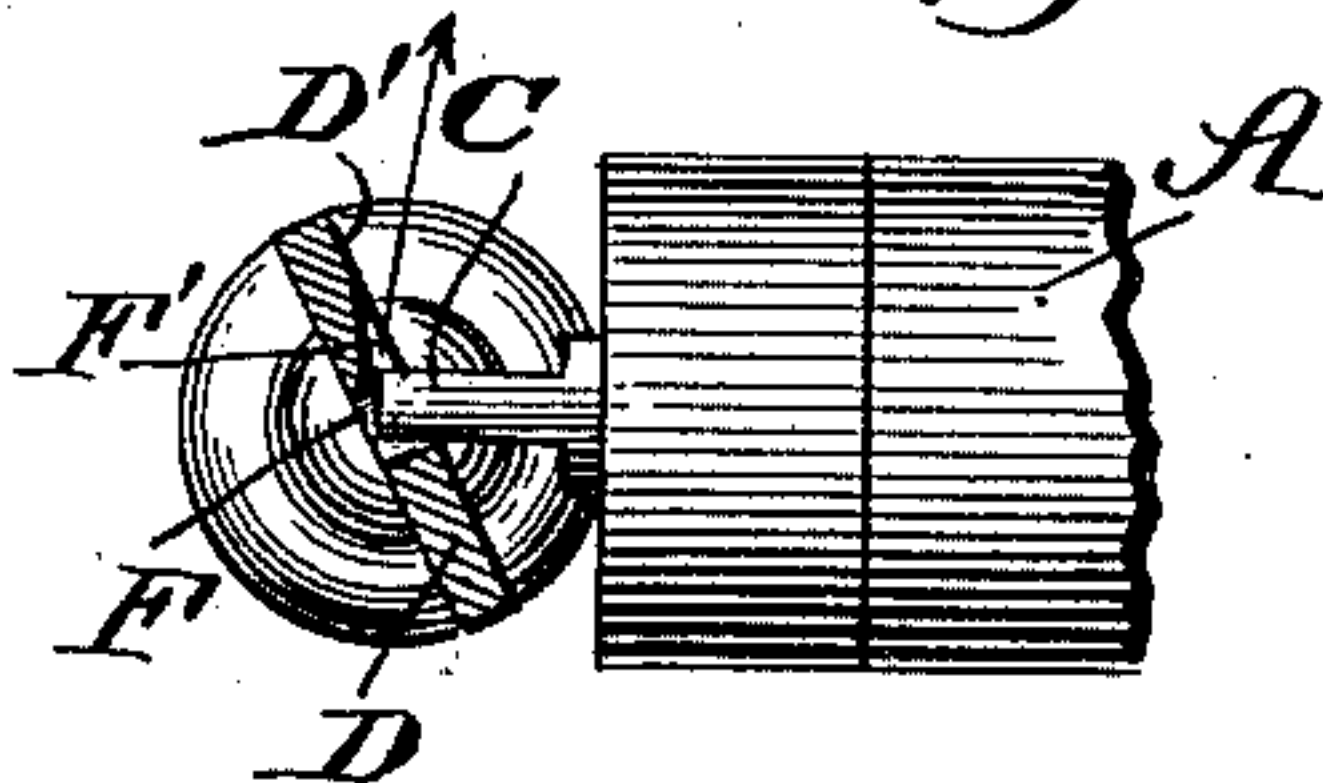


Fig. 4.

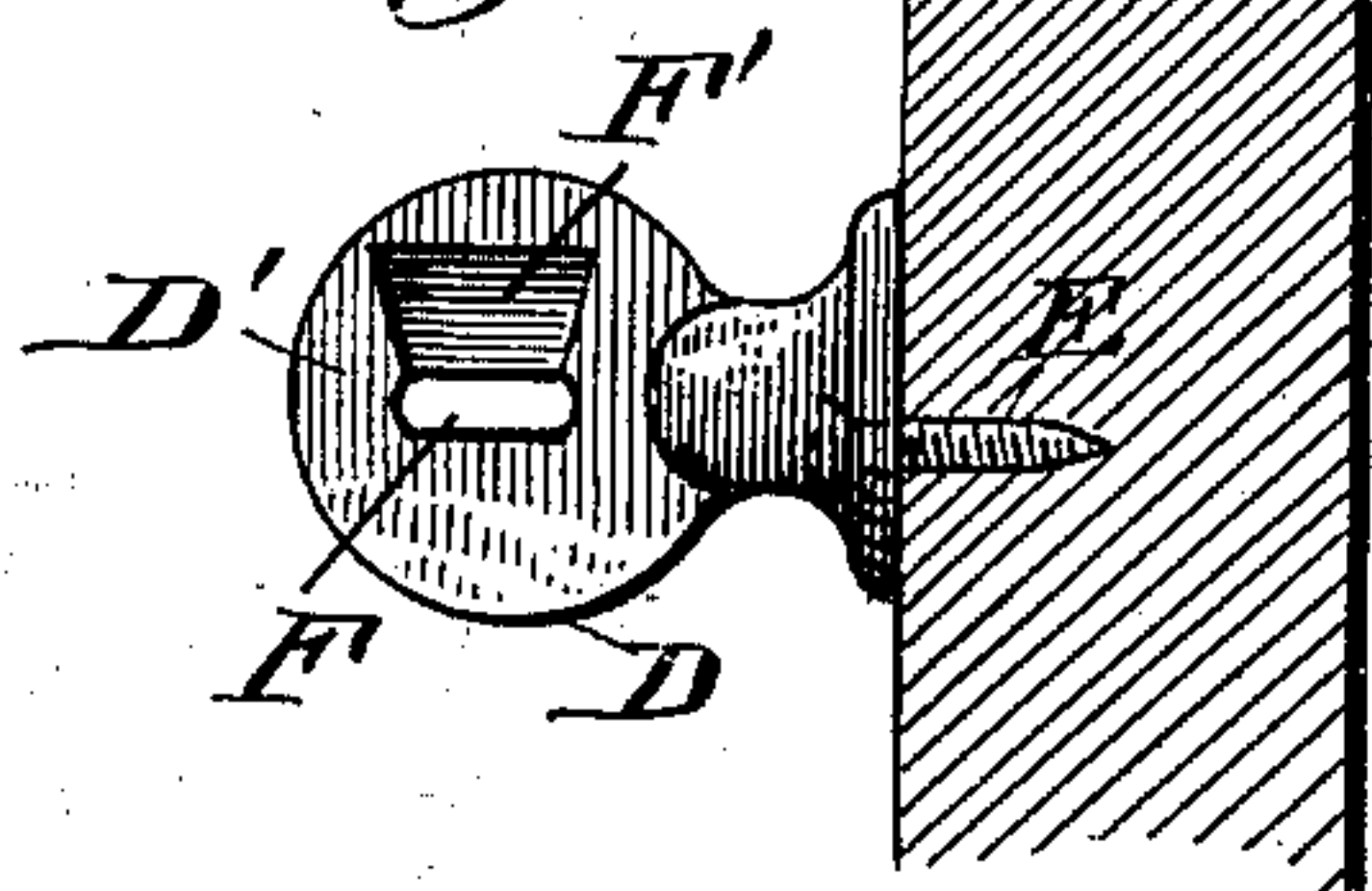
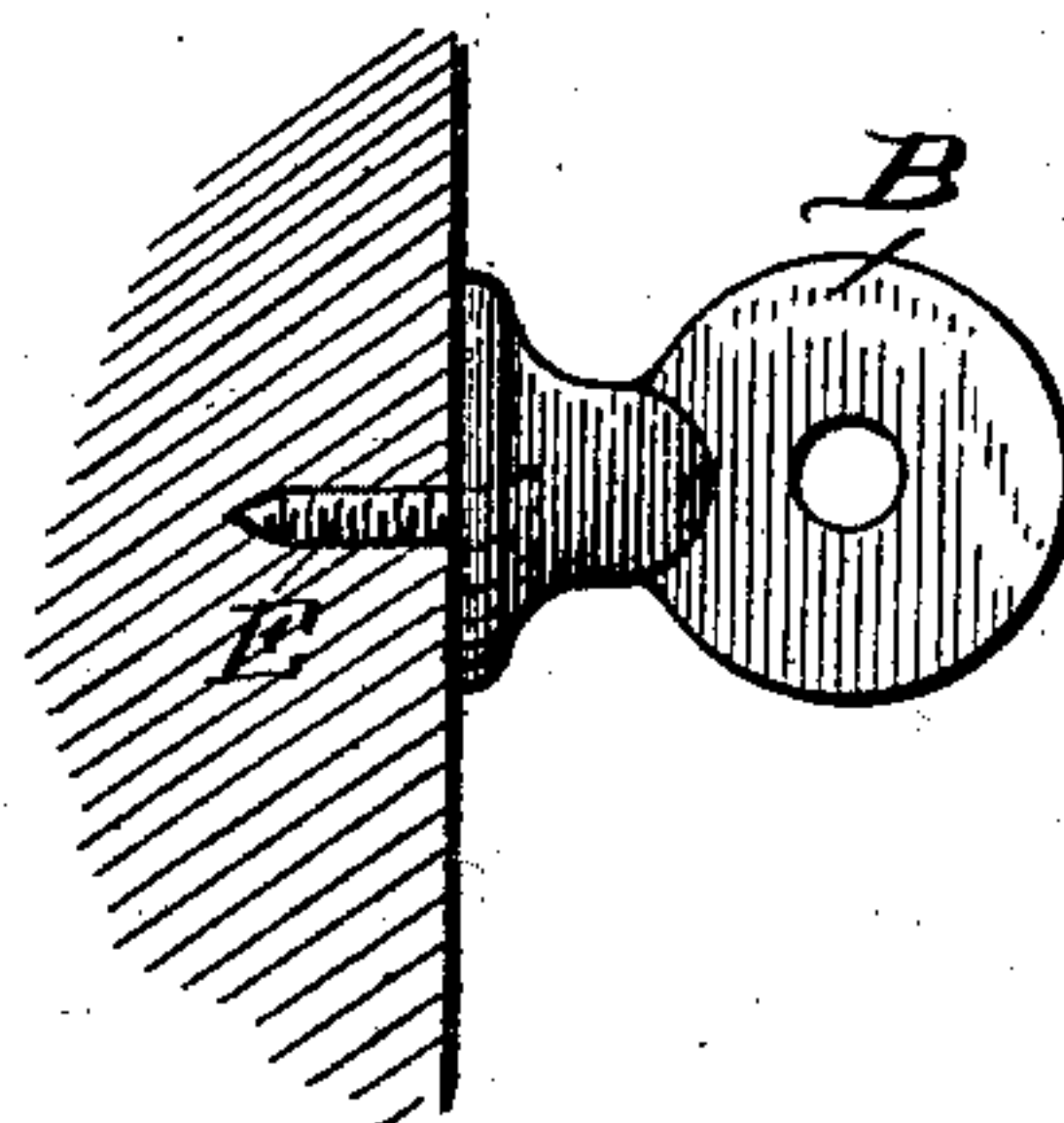


Fig. 5.



WITNESSES:

Jos. A. Ryan
Perry B. Swain

INVENTOR

Wilbert O. Person

BY *Munn & Co.*

ATTORNEYS

UNITED STATES PATENT OFFICE.

WILBERT O. PERSON, OF MARINETTE, WISCONSIN.

SHADE-BRACKET.

SPECIFICATION forming part of Letters Patent No. 686,125, dated November 5, 1901.

Application filed February 14, 1901. Serial No. 47,241. (No model.)

To all whom it may concern:

Be it known that I, WILBERT O. PERSON, a citizen of the United States, residing at Marinette, in the county of Marinette and State of Wisconsin, have made certain new and useful Improvements in Shade-Brackets, of which the following is a specification.

This invention is an improvement in curtain-fixtures, and particularly in the bracket for receiving the roller-stud; and the invention has for an object to so construct the opening for the roller-stud as to permit the ready insertion and removal of such stud when the bracket is tilted or slightly turned on its pivot. To this end the bracket is pivotally mounted and has its opening for the roller-stud formed on the face next to the roller with an inclined surface leading to the stud-opening and arranged to guide the stud into said opening and to furnish a path through which the stud may be removed when the bracket is tilted, as will be more fully described.

In the drawings, Figure 1 is a face view of a portion of a window provided with my improvement. Fig. 2 is an elevation, partly in section, showing the bracket and the roller with its stud supported therein. Fig. 3 is a similar view of the bracket adjusted to position in which the stud may be slipped into and out of the opening in the bracket. Fig. 4 is a face view of the inner side of the bracket or side next the roller, and Fig. 5 is a face view of the bracket for supporting the opposite end of the roller.

The roller A and the bracket B for receiving the round stud A' of the roller may be of ordinary construction. I prefer, however, in practice to secure this bracket B in place by means of an eccentrically-arranged screw-stud, as will be understood from Figs. 1 and 2. The rectangular stud C at the opposite end of the roller may likewise be of any ordinary construction and is held in practice in the bracket D. This bracket D is a flat plate or disk pivotally supported, preferably, by means of the screw-stud E, eccentrically arranged, as shown in Fig. 4, to increase the extent to which the opening F in the bracket swings toward and from the roller in adjusting the same between the positions shown in Figs. 2 and 3. The opening or hole F is fitted to receive the stud C, and the inner face D' of the bracket or face

next to the roller in practice is provided at F' with an inclined face which slopes gradually from the inner face D' of the bracket to the opening F, as shown in Figs. 2, 3, and 4, and forms a path or way for the stud C when the parts are adjusted as shown in Fig. 3, through which the stud may be introduced to and withdrawn from the opening F, as is best shown in Fig. 3. At the same time when the bracket D is in the position shown in Fig. 2 it operates to securely hold the stud C and prevent any displacement thereof. When the parts are in the adjustment shown in Fig. 3, it will be noticed the rectangular stud can be rotated in its bearing in the bracket D, which may be found useful in winding up the curtain-roller in increasing its tension, this operation not necessitating the removal of the roller from the bracket. It should be noticed that the inclined surface F' extends in a direction corresponding generally to that in which the bracket moves in swinging the same from the position shown in Fig. 2 to that shown in Fig. 3, and vice versa.

It will be understood that the bracket may be applied to the top, bottom, or side of the frame or casing of the window, as may be desirable; also, that the bracket may be ornamented in any suitable manner and requires no tool in placing and removing it in use. It will also be noticed that the invention is useful in connection with the ordinary type of roller in common use and may be applied in place of the bracket commonly employed in connection with such roller.

As is best shown in Fig. 4, the inclined surface F' gradually widens toward its outer end or in a direction away from the opening F, thus forming a flaring path or way which leads to the opening for the roller-stud and facilitates the introduction of the stud to the said opening F.

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

1. A curtain-bracket provided with means whereby it may be pivotally supported and having a flat plate or disk in the plane face of which is provided an angular opening for the roller-stud and a groove or recess leading to said angular opening, the base-wall of said groove being inclined toward the stud-open-

ing and the opposite side edges of the groove being flared away from said opening, such inclined flared groove operating to facilitate the introduction of the stud to its opening, and
5 the angular opening for the stud being extended laterally outward beyond the flared inclined introducing groove all substantially as and for the purposes set forth.

2. A bracket arranged to be pivotally
10 mounted and having an opening for the roller-stud, and provided in one face with an in-

clined surface leading to such opening, such surface flaring outwardly in a direction away from the opening at a right angle to the direction of the inclined surface whereby to aid in
15 directing the roller-stud into the said opening, substantially as set forth.

WILBERT O. PERSON.

Witnesses:

N. E. LINDQUIST,
C. W. SUNSTROM.