

C. E. SPRAGUE.
ADJUSTABLE SHADE ROLLER BRACKET.
APPLICATION FILED JAN. 27, 1909.

931,514.

Patented Aug. 17, 1909.

FIG. 1

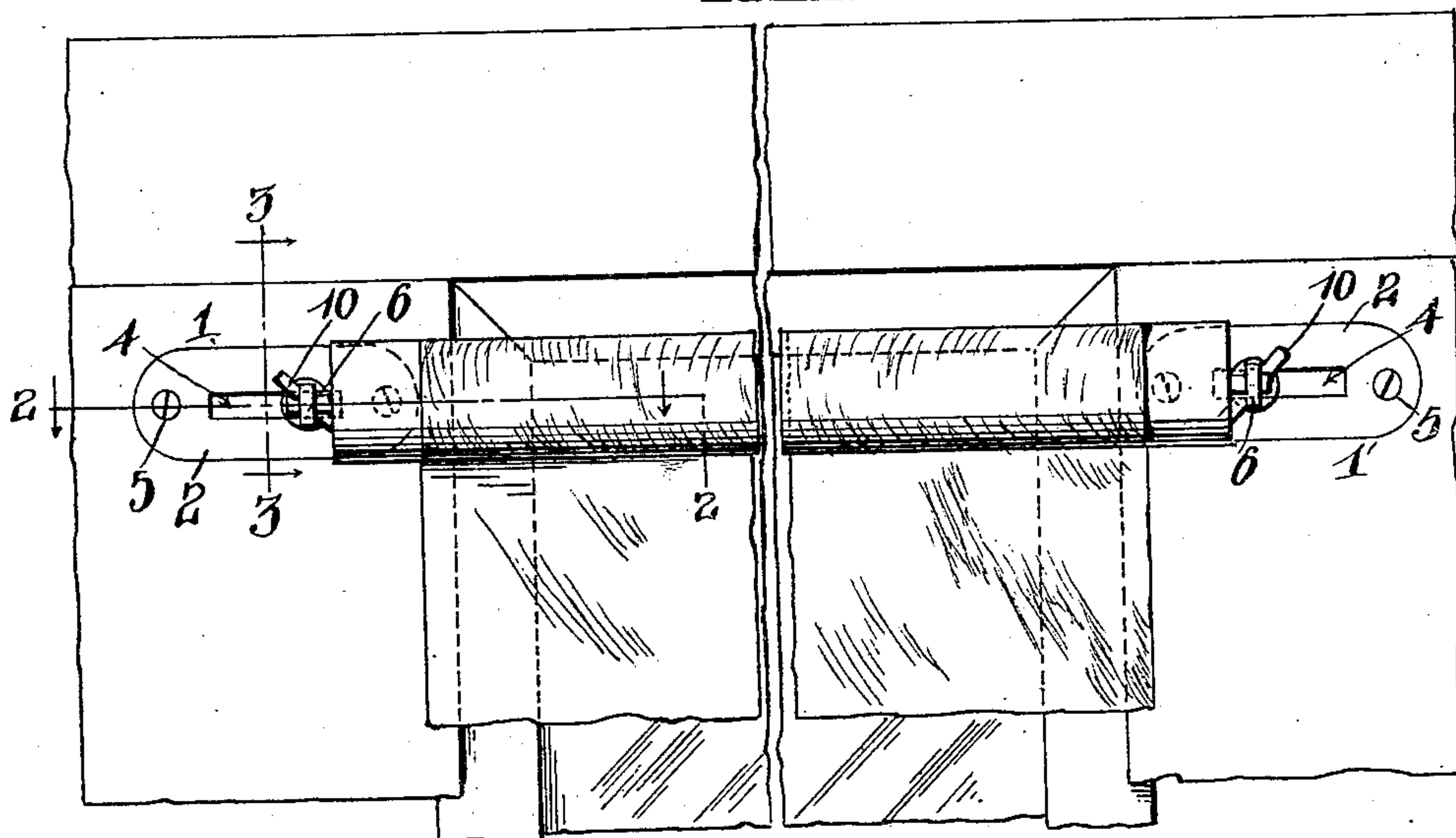


FIG. 2

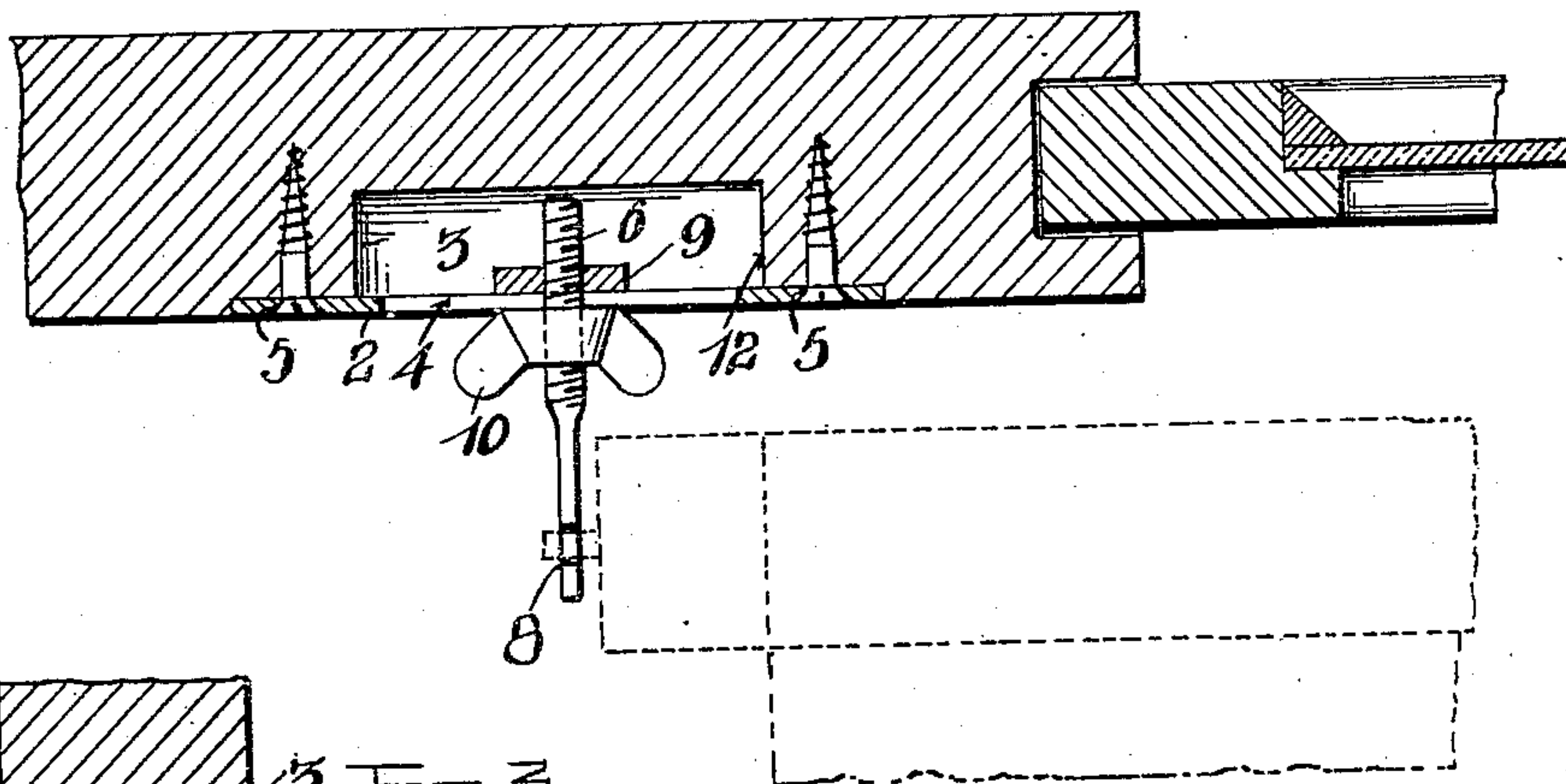


FIG. 3

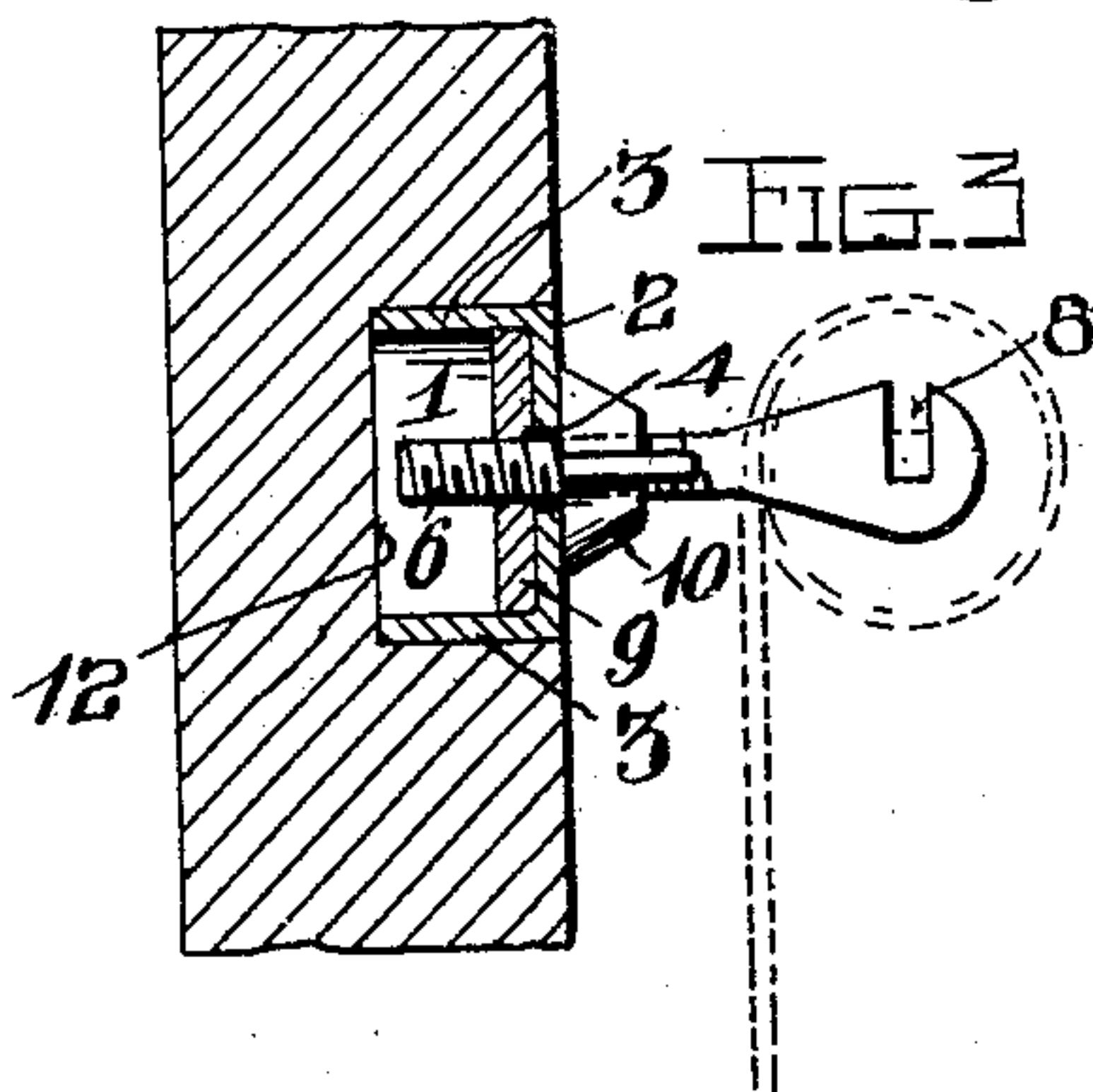
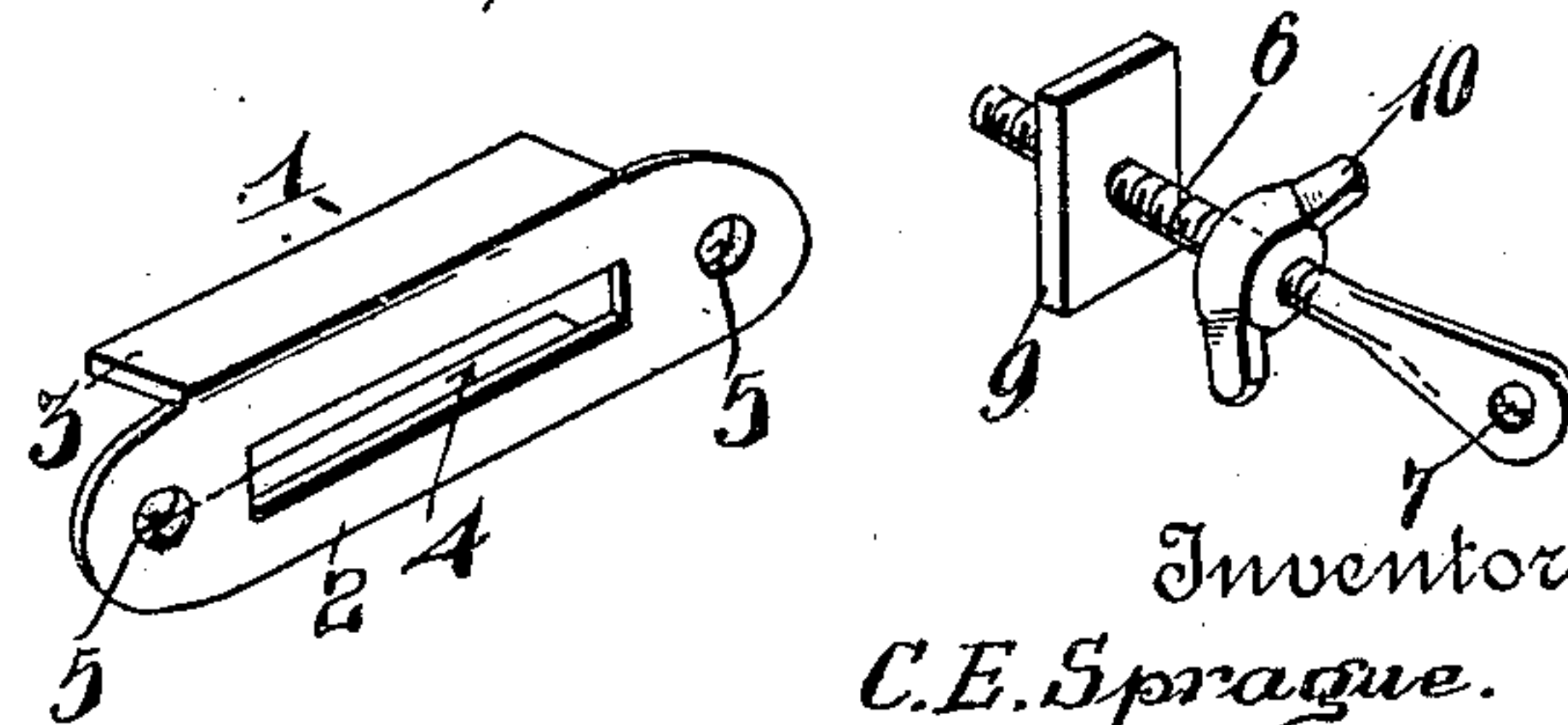


FIG. 4



Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES E. SPRAGUE, OF ANSON, MAINE.

ADJUSTABLE SHADE-ROLLER BRACKET.

No. 931,514.

Specification of Letters Patent.

Patented Aug. 17, 1909.

Application filed January 27, 1909. Serial No. 474,440.

To all whom it may concern:

Be it known that I, CHARLES E. SPRAGUE, a citizen of the United States, residing at Anson, in the county of Somerset and State of Maine, have invented certain new and useful Improvements in Adjustable Shade-Roller Brackets; and I do 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.

This invention relates to improvements in adjustable shade roller brackets.

The object of the invention is to provide a bracket of this character having means whereby the same may be adjustably secured to a window frame to receive shade rollers of different lengths.

A further object is to provide a device of this character which will be simple and inexpensive in construction, neat and attractive in appearance, and which may be quickly adjusted to receive the shade roller.

With the foregoing and other objects in view the invention consists of certain novel features of construction, combination and arrangement of parts as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a front view of the upper end of the window frame showing the application of the invention thereto; Fig. 2 is a horizontal sectional view through the side of the window frame, and one of the adjustable brackets, showing the manner of securing the latter in place; Fig. 3 is a vertical cross sectional view of the same; and Fig. 4 is a perspective view of one of the brackets removed from the window frame.

In the embodiment of the invention, I provide a casing 1 comprising a front plate 2, and upper and lower right angular rearwardly projecting plates 3. In the front plate 2 is formed a horizontal longitudinally disposed slot 4 and in the opposite ends of said front plate are formed screw holes 5.

Slidably engaged with the slot 4 in the plate 2 is the roller supporting bracket which is in the form of a bolt 6, the inner portion of which is threaded, while the outer portion is flattened and in said flattened portion is formed either a bearing aperture 7 or a squared notch 8. In the use of the brackets they are arranged in pairs, one of said brackets having a bearing aperture and the other

a notch whereby the pintles on the ends of the shade roller may be operatively engaged therewith, in the well known manner.

In the casing 1 and engaging the inner side of the front plate 2 is a clamping block 9, the opposite edges of which fit closely against the inner side of the right angular rearwardly projecting plates 3 thereby preventing said block from turning in the casing. In the block 9 is formed a threaded aperture adapted to receive the threaded inner end of the bracket member. On the threaded portion of each of the brackets is a thumb-nut 10, said nut being adapted to be screwed into tight engagement with the outer side of the casing thereby drawing the clamping block 9 against the inner side of the plate 2, thus rigidly clamping the bracket into engagement with the front plate. By means of the slot 4 in the front plate, the bracket may be adjusted to any desired position on the casing before being tightened up, thereby adapting the bracket for use in connection with shade rollers of various lengths.

In applying the devices the frame of the window is preferably mortised or recessed as shown at 12 to receive the casing 1 which is secured to the frame by means of screws or other fastening devices, as shown. After the casing has thus been secured to the window frame the brackets may be adjusted therein to the desired position to receive the shade roller which is engaged with the brackets in the usual manner. By use of a shade roller bracket constructed as herein shown and described, the necessity of taking down the brackets and changing the same for each different length of roller will be obviated and the marring of the window frame by the frequent changing of the bracket will be dispensed with.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined in the appended claims.

Having thus described and ascertained the nature of my invention, what I claim as new and desire to secure by Letters-Patent, is:—

1. In combination with a window frame

having sockets formed therein, of casings seated in said sockets flush with said frame and each comprising a longitudinally slotted plate and upper and lower plates formed at right angles thereto, brackets, each comprising a bolt having a threaded inner end adapted to be slidably engaged with the slots in said plates, a clamping block threaded onto the inner end of each bolt and a nut arranged on the threaded portion of each bracket adapted to be screwed up into engagement with said plates whereby said bracket will be held in adjusted position.

2. In combination with a window frame having sockets, casings seated in said sockets flush with the frame and each comprising a slotted plate and laterally projecting side plates integral therewith, adjustable clamping blocks arranged on the rear side of said front plates and between the side plates, said

blocks each having formed therein a threaded aperture, brackets each comprising a bolt having a threaded inner portion to engage the clamping blocks and a flattened outer portion with means therein to receive the pin-
tles of the shade roller, thumb nuts screwed on the outer threaded portion of the bolts and into engagement with the outer side of the front plates whereby the clamping blocks are drawn against the inner side of the plates and the brackets held securely clamped in their adjusted position.

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

CHARLES E. SPRAGUE.

Witnesses:

CHAS. O. SMALL,
ADELINE HANNAGAN.