

(No Model.)

O. B. STARKWATHER.
ADJUSTABLE SHADE HOLDER.

No. 505,681.

Patented Sept. 26, 1893.

Fig. 1.

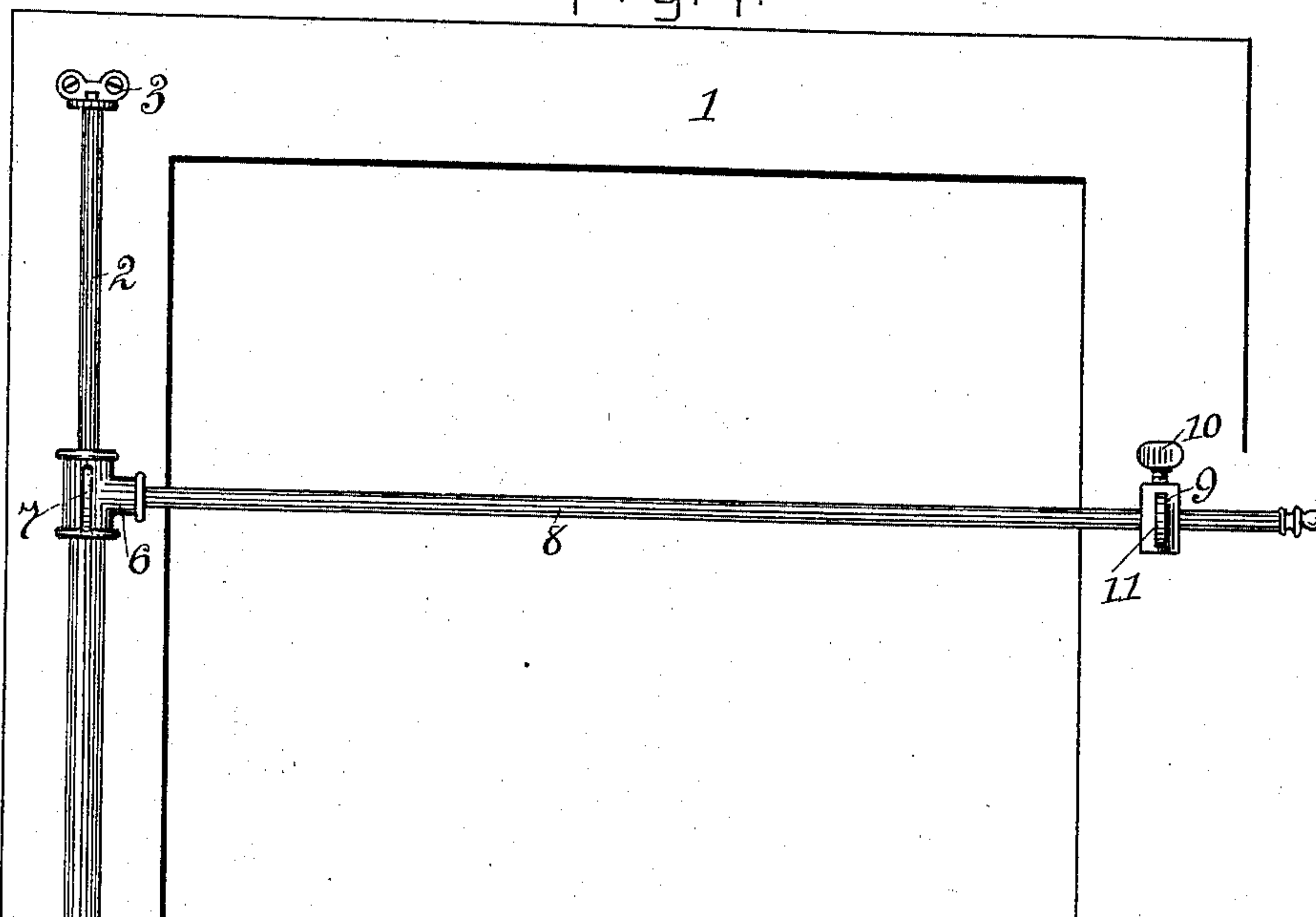
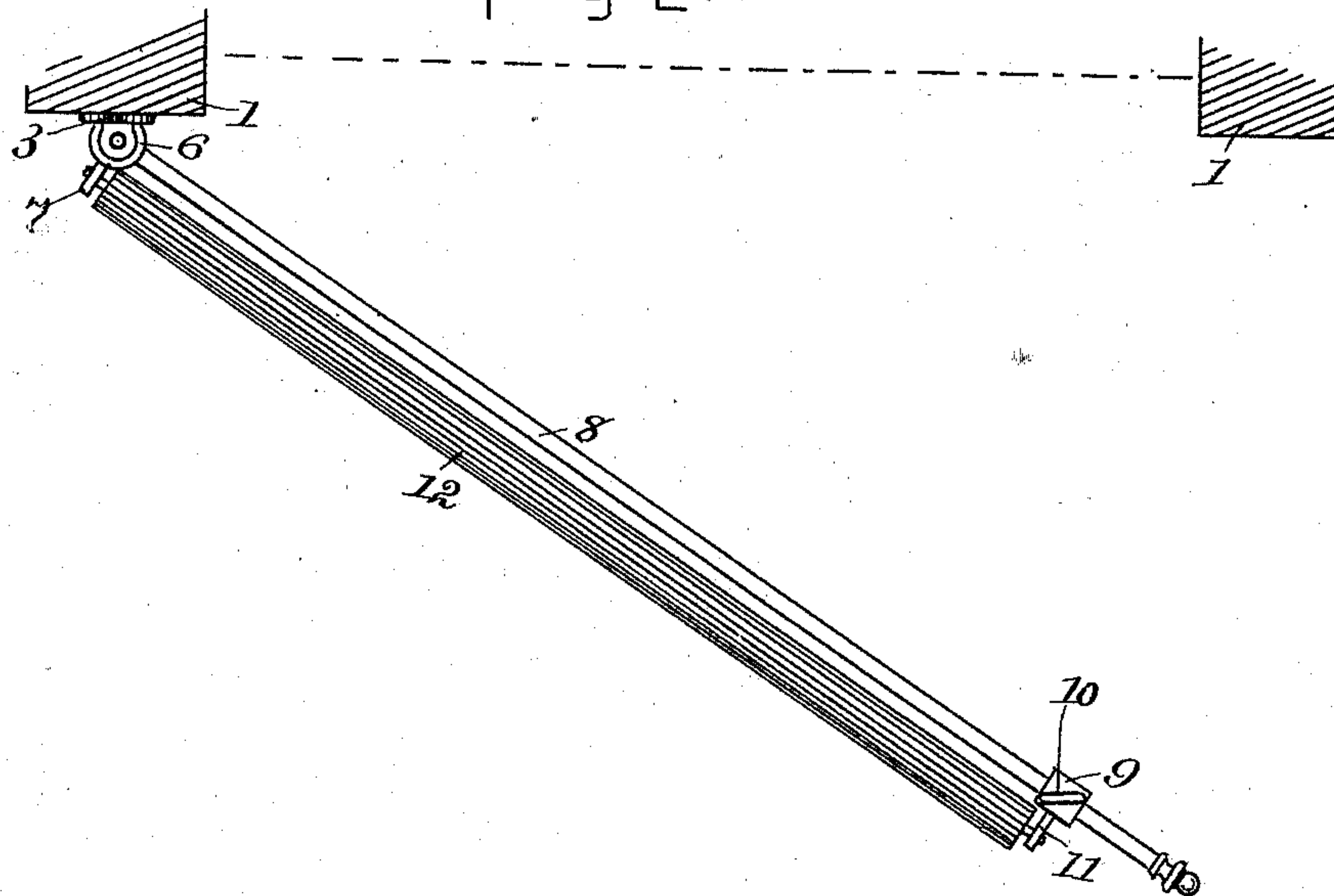


Fig. 2.



ATTEST

Helen Graham

William Graham

INVENTOR
O. B. STARKWATHER.
by his attorney
L. P. Graham

UNITED STATES PATENT OFFICE.

OAKLEY B. STARKWATHER, OF DECATUR, ILLINOIS.

ADJUSTABLE SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 505,681, dated September 26, 1893.

Application filed May 20, 1892. Serial No. 433,703. (No model.)

To all whom it may concern:

Be it known that I, OAKLEY B. STARKWATHER, of Decatur, in the county of Macon and State of Illinois, have invented certain new and useful Improvements in Adjustable Shade-Holders, of which the following is a specification.

This invention relates to adjustable window shade holders, and the object is to produce a cheap, effective and easily operated device that will not deface or obstruct the window, and that may be swung horizontally to shade parts of the room without otherwise excluding the light.

In the drawings forming part of this specification Figure 1 is an elevation of a fragment of a window frame with my holder attached thereto, and Fig. 2 is a plan of the holder and a shade roll, showing the window frame in section and the holder swung to one side.

The brackets 3 are fixed on a side of the frame by screws or otherwise, and they provide bearings or supports, or bearings and supports for the vertical guide rod 2. Sleeve 4 is adapted to slide on the rod 2. It has a set screw 5 at its lower end and it also has at its upper end the L or T head 6 which carries horizontal rod 8 and is provided with a bearing 7 for the shade roller. Block 9 is slidably adjustable on the horizontal rod, in order to adapt the holder for use on windows of different widths. It is provided with set screw 10 by means of which its different positions are securely maintained, and it has a bearing 11 for the shade roller. The sleeve 4 is sufficiently long to furnish substantial support to the horizontal rod while at the same time reinforcing the guide rod and enabling the use of lighter material in that position than would otherwise be possible. It slides freely on the vertical rod without tendency to cramp, and it acts as a lift or handle by which the shade is vertically adjusted. The shade is carried by bearings 7 and 11 in the customary manner, the block 9 being adjusted on rod 8 to suit the length of the roller,

which of course corresponds to the width of the window; and more or less light may be admitted above the shade by raising or lowering the sleeve on the vertical rod. The vertical adjustment of the shade is effected by the simple expedient of loosening the set screw 5, shifting the sleeve, and re-tightening the set screw.

The radial or horizontal adjustment of the shade, by means of which some particular object or portion of the room may be shaded while the light is otherwise unobstructed, may be effected either by turning the vertical rod in bearings 3, or by turning the sleeve on the rod.

It is not essential that set screws be used to secure the sleeve and the block in different positions of adjustment, as obvious mechanical equivalents will effect the same result.

The device as a whole is simple, compact and well appearing, and it may be cheaply produced and easily applied. The superior effect is largely attributable to the sleeve which provides in compact form a reinforcement for the vertical guide rod, a strong support and a pivot bearing for the shade rod, and a simple and effective lift handle for the same.

I claim—

In a shade or curtain roller support, the combination of the vertical guide rod 2, bearings 3 at each end of said rod, the long tubular sleeve 4 mounted on the guide rod, a set screw 5 on its lower end, and on its upper end a T-head 6 carrying a shade bearing 7, the horizontal shade-carrying rod 8 unsupported at one end and secured at its other end to the T head on the upper end of the sleeve, and the bearing block 9 adjustable on the rod 8 substantially as set forth.

In testimony whereof I sign my name in the presence of two subscribing witnesses.

OAKLEY B. STARKWATHER.

Attest:

I. D. WALKER,
L. P. GRAHAM.