

F. A. FAGAN.
SHADE ROLLER SUPPORT AND SHADE GUIDE.
APPLICATION FILED NOV. 7, 1908.

934,661.

Patented Sept. 21, 1909.

2 SHEETS—SHEET 1.

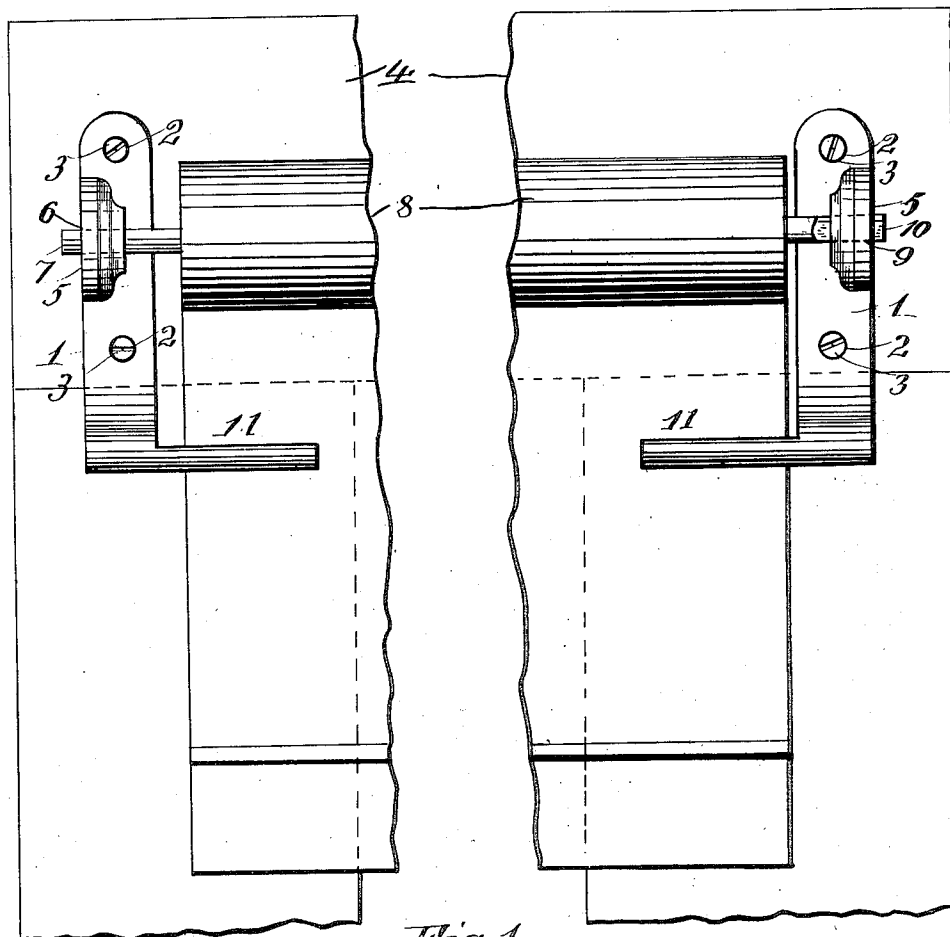


Fig. 1

WITNESSES

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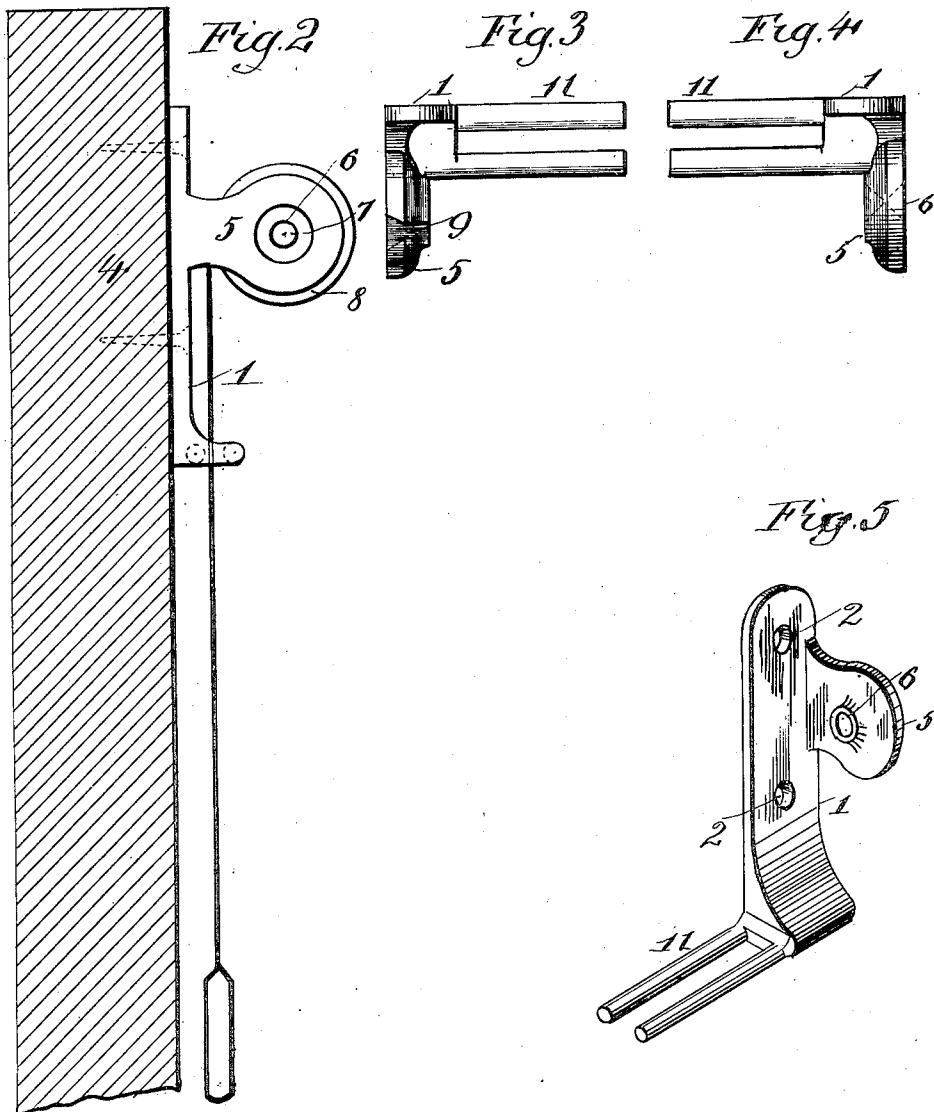
INVENTOR

Francis Arthur Fagan
by James B. Bess Attorneys

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WITNESSES
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INVENTOR
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UNITED STATES PATENT OFFICE.

FRANCIS ARTHUR FAGAN, OF HERKIMER, NEW YORK.

SHADE-ROLLER SUPPORT AND SHADE-GUIDE.

934,661.

Specification of Letters Patent. Patented Sept. 21, 1909.

Application filed November 7, 1908. Serial No. 461,502.

To all whom it may concern:

Be it known that I, FRANCIS ARTHUR FAGAN, a citizen of the United States, residing at Herkimer, in the county of Herkimer and State of New York, have invented certain new and useful Improvements in Shade-Roller Supports and Shade-Guides, of which the following is a specification.

This invention has relation to shade roller supports and shade guides and has for its object the provision of a novel shade roller support and shade guide which will not only support a shade roller but will sustain and guide the edges of the shade so as to cause the shade to always roll up evenly and smoothly on the roller and will hold the edges of the shade, adjacent to the roller, out of contact with the window frame, thereby preventing injury to and uneven wear of the shade.

In carrying my invention into effect, I provide a combined shade roller support and shade guide arranged at each end of the shade roller composed of a single piece of metal preferably a casting, having the usual pierced or slotted lug for the reception of the shade roller spindle and having a laterally extending forked arm that embraces the edge of the shade and guides and supports the same.

My invention is illustrated in the accompanying drawing wherein:

Figure 1 is a front elevation of a portion of a window frame having a shade roller and shade supported thereon by my improvement. Fig. 2 is a vertical sectional view through the window frame and showing the shade, the shade roller and one of the combined supports and guides in end elevation. Fig. 3 is a plan view of one of the combined supports and guides. Fig. 4 is a similar view of the other combined support and guide. Fig. 5 is a perspective view of the combined support and guide shown in Fig. 4.

The two parts of the combined shade roller support and shade guide, one of which is arranged at each end of the shade roller, are almost identical in construction, the only difference being that one is provided with a

round hole to receive the round spindle at one end of the shade roller and the other is provided with an inclined slot to receive the squared spindle at the other end of the shade roller and that the forked arm of one support projects in opposite direction to the forked arm of the other support.

Each combined support and guide consists of a back piece or plate 1 which is pierced at 2, for the reception of screws 3, or other suitable fastenings by means of which it is attached to the window frame 4. The back piece 1 is formed with an integral lug 5, at one edge and near its top, the lug of one support having a round hole 6 to receive the round spindle 7, at one end of the shade roller 8, and the lug of the other support being provided with a slot 9 to receive the squared end of the spindle 10, at the other end of the roller.

The back piece or plate 1 is thickened at the lower end and an integral forked arm 11 extends laterally from the said lower end, the prongs of the arm being rounded to prevent abrasion of the shade which passes between the prongs and is guided thereby, a slight frictional resistance to the movement of the shade being exercised by the prongs so as to keep the curtain slightly taut and cause it to roll up smoothly and evenly on the roller.

I claim:

A combined shade roller support and shade guide consisting of a one-piece casting comprising a lug having a bearing for the shade roller spindle, a laterally forked arm to receive the edge of the shade and a vertically disposed flat back plate integral with the lug and forked arm and pierced above and below the said bearing for the reception of fastenings whereby the lug and forked arm may be simultaneously adjusted on and rigidly fixed to side bars of the window frame at any desired position.

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

FRANCIS ARTHUR FAGAN.

Witnesses:

ALBERTUS L. FAGAN,
JAMES H. FAGAN.