

ANTHONY ROELOFS.

Improvement in Curtain Fixtures.

No. 120,538.

Patented Oct. 31, 1871.

Fig. 1.

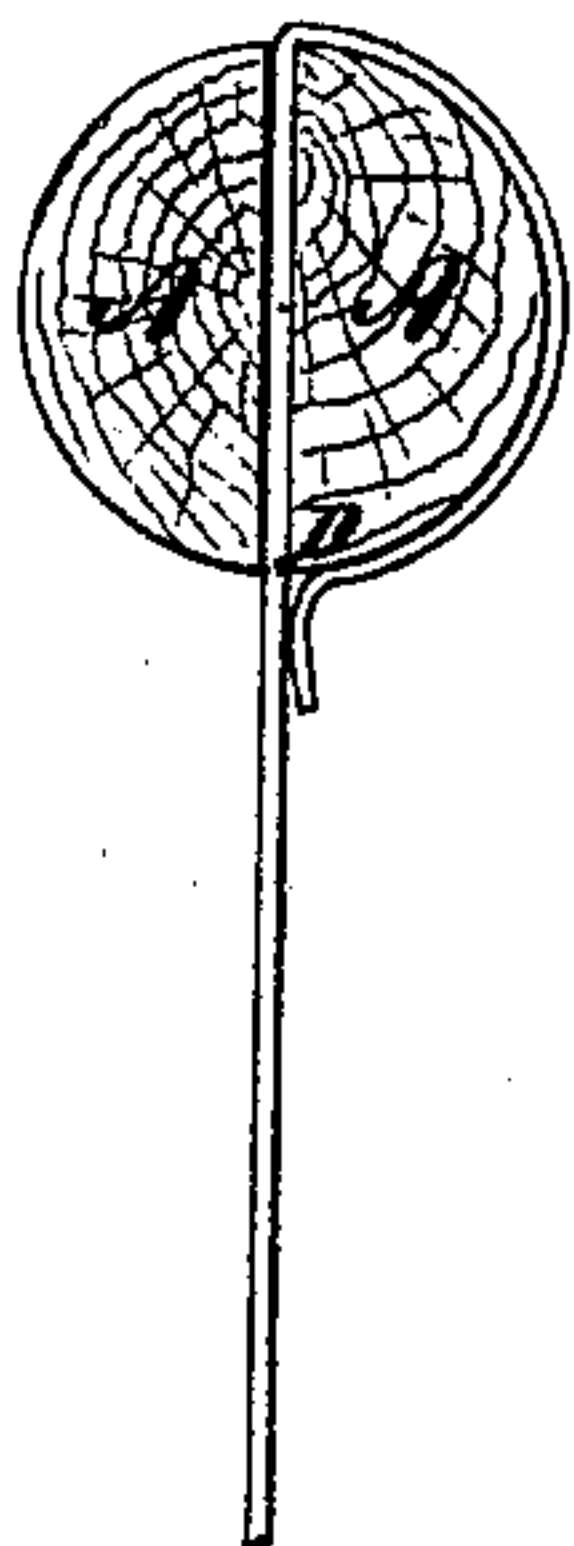


Fig. 2.

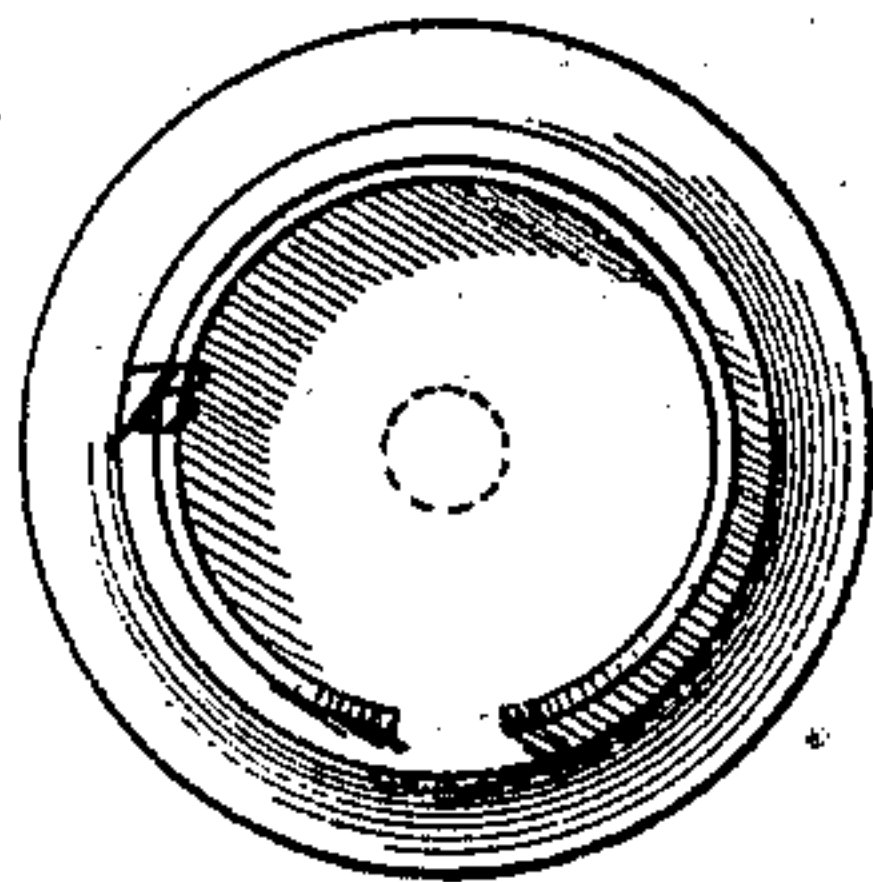


Fig. 3.

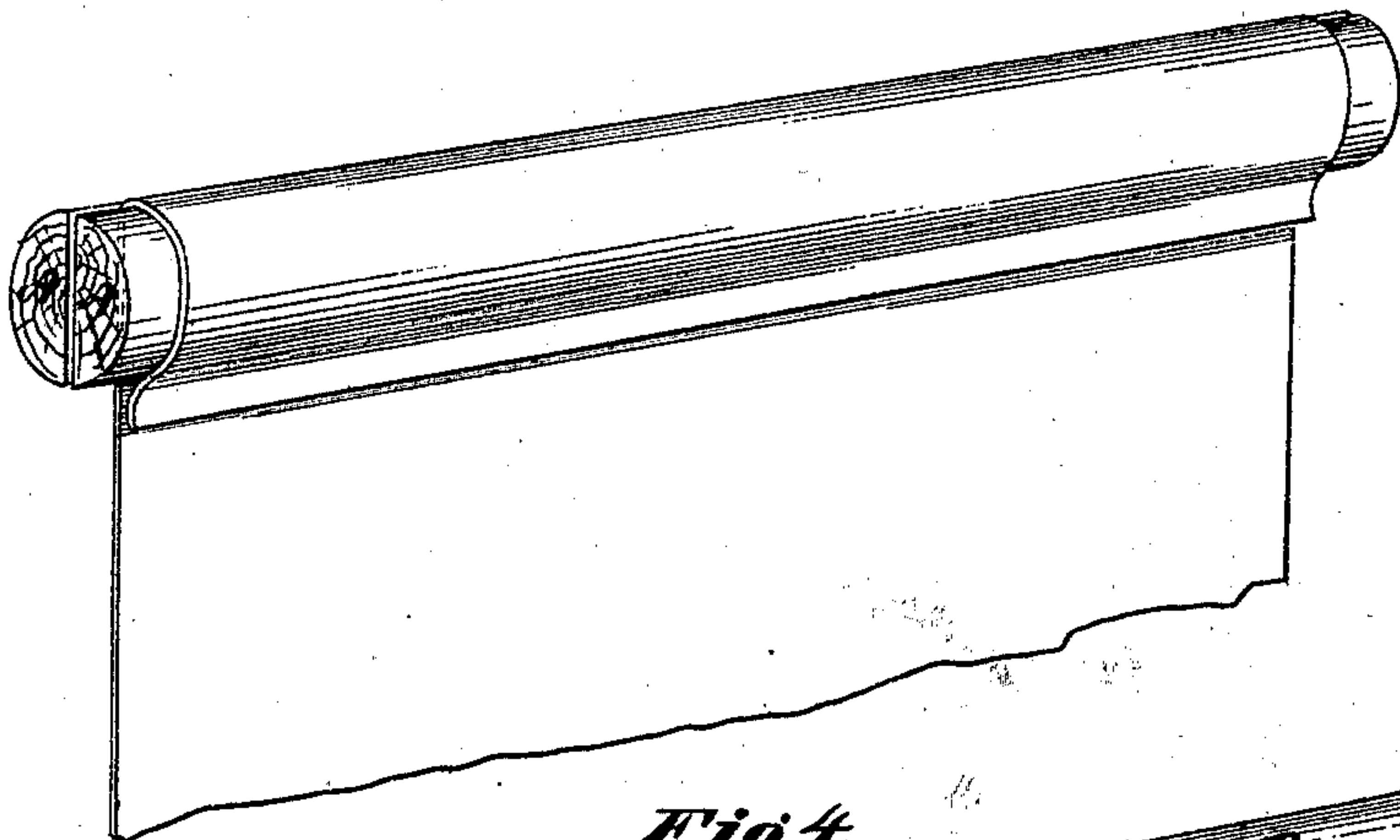
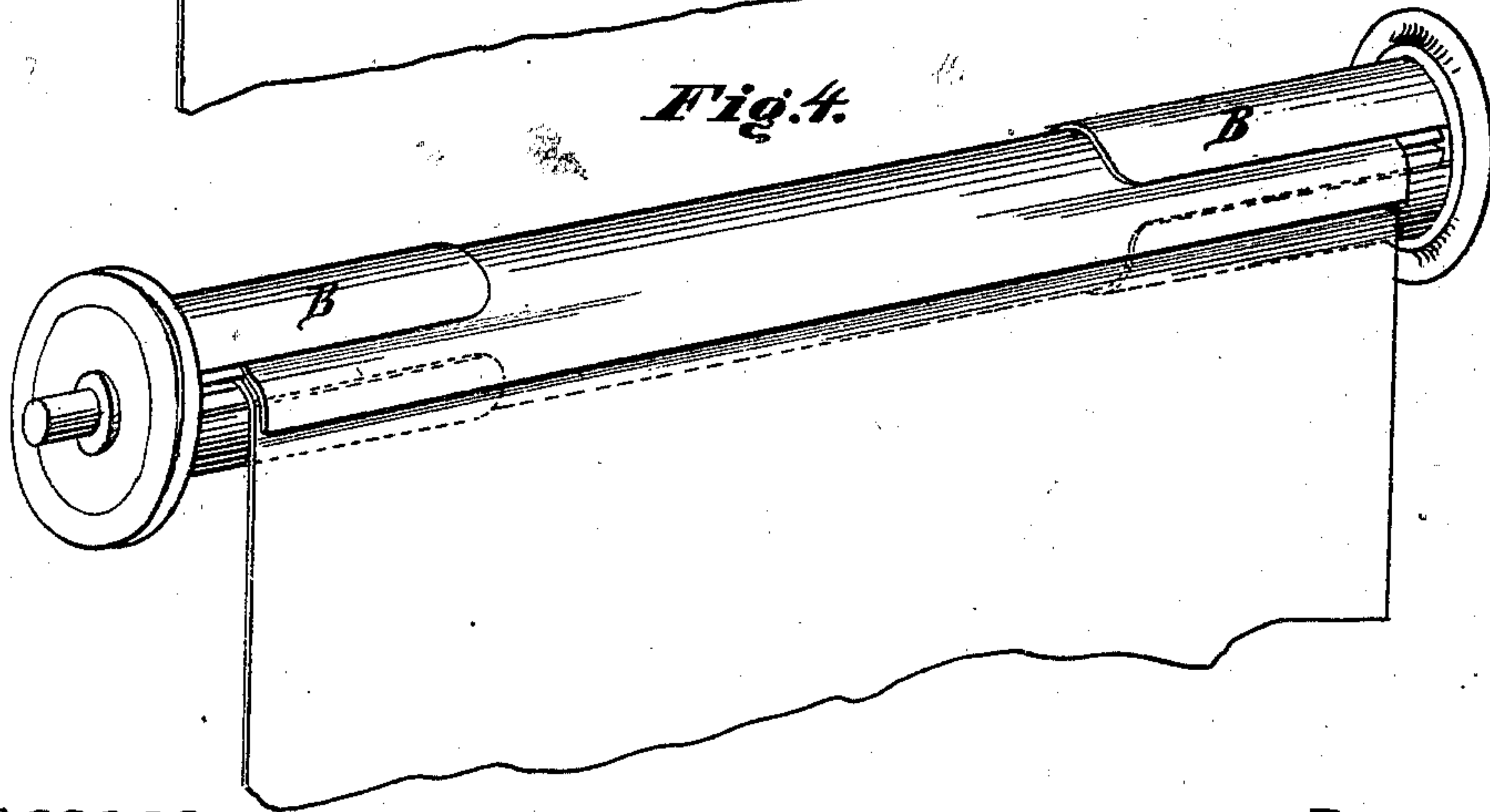


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

ANTHONY ROELOFS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. 120,538, dated October 31, 1871.

To all whom it may concern:

Be it known that I, ANTHONY ROELOFS, of Philadelphia, Philadelphia county, State of Pennsylvania, have invented an Improved Mode of Attaching Window-Shade to Roller, of which the following is a specification:

My invention relates to an improvement in attaching window-shades to split rollers or sticks, the improvement, which is fully described hereafter, being such as to enable the shade to be more readily and securely attached to the stick than by ordinary methods, and also such that the shade can be adjusted so as to hang properly and be wound evenly without removing either the said shade or the roller from the window-frame.

Figure 1 is a transverse sectional view of the shade and split roller; Fig. 2, also, a transverse section, showing the tubular clamp for holding the two sections of the split roller together and attaching the shade to the same; Fig. 3, a perspective view, showing the method of passing the edge of the shade between the sections of the roller and of afterward folding it around one of the said sections; and Fig. 4, a perspective view of the shade and roller and tubular clamp for binding the same together.

The usual method of attaching a window-shade to a split roller or stick is to simply insert the edge of the shade between the two sections, which are in some instances hinged together, and to then secure the whole by means of clamps adapted to the ends of the roller. The objection to this plan is that the shade, when entirely unwound, can be readily pulled out from between the two sections of the stick, to obviate which it has been customary to either provide one of the said sections with pins to be passed through the shade and into holes in the opposite section, or else to form a rib on one section adapted to a recess in the other, into which recess the edge of the shade is forced. Neither of these plans, however, prevent the tearing out or disengaging of the shade from the roller, owing to the limited hold which the latter has upon the said shade; nor can the shade be shifted upon or inclined to the roller sufficiently to enable it to be hung and wound prop-

erly, as, in so adjusting it, the shade has to be partially withdrawn from between the sections at one end, which renders it still more liable than usual to be pulled out.

My invention has been designed with the view of overcoming these objections, and is as follows: The roller is split longitudinally from end to end into two equal and separate sections, A, A, and these sections are forced tightly together by means of tubular clamps B, having longitudinal slots, so as not to interfere with the shade. In attaching the shade it is passed between the two sections of the roller, as shown in Figs. 1 and 3, with its edge projecting sufficiently to enable it to be folded around one of the sections to the point of entry D. The clamps B are then passed over the ends of the stick and over this outside fold of the shade, which, when thus held by the pressure upon it of the two sections and of the clamps upon one of the said sections, cannot possibly be pulled out or be disengaged from the roller without tearing it from the latter.

Another advantage of my invention is that the shade can be readily adjusted upon the roller so as to be wound properly upon the same, and hang evenly as regards the window-frame, without requiring to be taken down from the latter, all that is necessary in such case being to hold the roller with one hand and to withdraw one of the clamps with the other, when the shade can be drawn between the two sections until the required adjustment is effected, after which the clamp can be replaced and its journal again fitted to the fixture on the window-frame.

I do not claim, broadly, a shade secured between the two parts of a sectional roller; but

I claim—

The combination, with the sectional roller, constructed as described, of a shade which is clamped between the flat surfaces of the sections, folded round the outside of one section, and secured by means of the clamps, as set forth.

ANTHONY ROELOFS.

Witnesses:

E. O'LEARY,
H. H. ROELOFS.

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