

Oct. 23, 1923.

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G. H. RYDBERG

SHADE SHIELD

Filed Oct. 13, 1921

Fig. 1

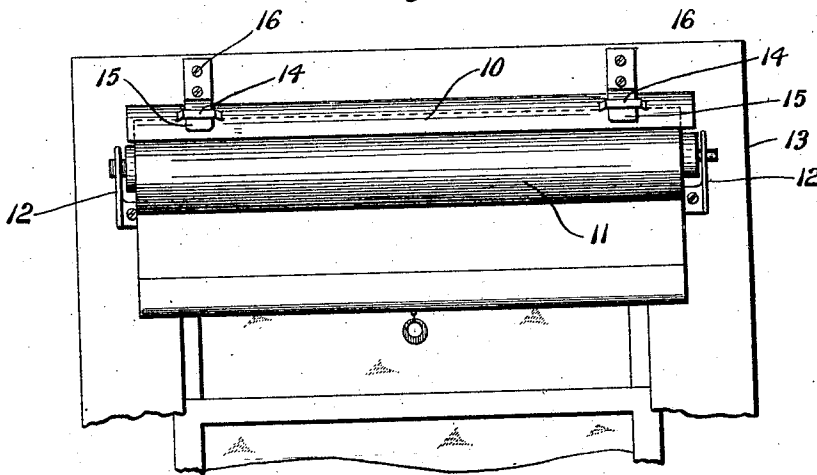


Fig. 2

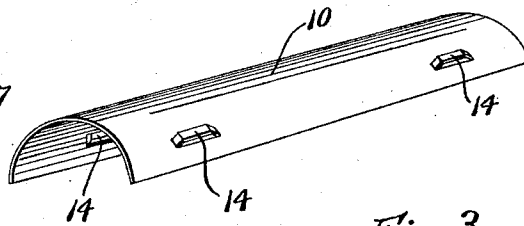
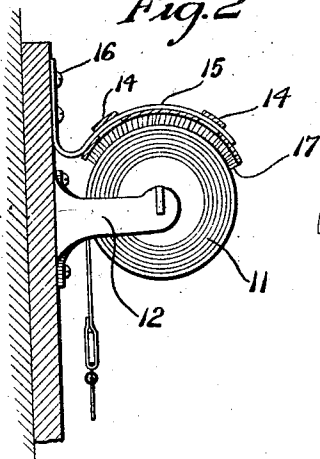


Fig. 3

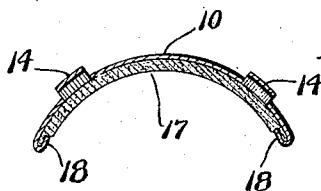


Fig. 4

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UNITED STATES PATENT OFFICE.

GUNNAR H. RYDBERG, OF AUBURN, RHODE ISLAND.

SHADE SHIELD.

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To all whom it may concern:

Be it known that I, GUNNAR H. RYDBERG, a citizen of the United States, residing at Auburn, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Shade Shields, of which the following is a specification.

This invention relates to improvements in a shade curtain-roller cover and cleaner adapted to be positioned above the usual shade-curtain roller, and the object of this invention is to support a suitable hood or cover over a shade curtain roll to prevent dust from accumulating thereon, and to provide a lining for the hood adapted to engage the outer surface of the curtain on the roller to wipe off or remove any dust or dirt which may have collected on the curtain when in extended position.

A further object of the invention is to provide suitable yielding means for supporting the hood whereby the cleaning lining may be caused to rest upon the surface of the curtain and to follow the changing diameter of the roller as the curtain is wound upon and unwound therefrom.

A still further object of the invention is to provide means whereby the cover or hood may be readily removed to renew or clean its dust-wiping lining.

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

In the accompanying drawings.

Figure 1 is a front view showing a curtain roller mounted upon a window frame and my protecting and cleaning device positioned over the roller.

Figure 2 is an end view of the curtain roller showing my device mounted thereover.

Figure 3 is a perspective view of the protecting hood.

Figure 4 is an enlarged view of the hood showing the arm-engaging loops raised from the plane of the surface also showing the edges of the stock as rolled inwardly over the edges of the lining to retain the latter in position.

It is found in practice that ordinarily dust raised by sweeping and cleaning a room accumulates on the surface of a curtain roll to such an extent that after a time the cur-

tain becomes discolored and so becomes unsightly and has to be replaced by fresh ones.

To overcome this objectionable feature I have invented a hood or cover adapted to set closely over a curtain roller to prevent dust from settling on the curtain roll and in addition I have lined this hood or cover with a material which is adapted to engage the surface of the curtain on the roller and wipe off or remove any dust which may have accumulated thereon as the curtain is being rolled up or unrolled, and the following is a detailed description of one means by which this result may be accomplished.

With reference to the drawings, 10 designates the hood or cover member of my device which may be made of any suitable material but which is preferably formed of thin sheet metal bent into substantially semi-circular form and is of a length to fit over and cover the usual shade curtain roller 11 which is operatively mounted in brackets 12 upon the window casing 13.

This hood 10 is preferably provided with ears or loops 14 cut and raised from the outer surface of the hood forming eyes through which the free ends of the arms 15 of the brackets may be slid, the opposite ends of these arms being secured by screws or otherwise to the window hood 13.

By this construction this cover 13 may be supported directly above the roller and so effectually prevent the dust in the room from settling upon the curtain roller and soiling it. In some instances I provide a lining 17 covering the inner face of this hood or cover which lining may be constructed of felt, wool, bristles or any other suitable material, to brush, wipe or remove from the surface of the curtain any dust which may have accumulated thereon, and in some cases when the cover is formed of sheet metal, I roll its edges 18 inwardly over the edges 19 of the lining so as to firmly secure these edges against any possibility of being pulled away during the cleaning action on the roller. In addition I may cement the body surface of the lining to the inner surface of the casing.

By forming the eyes or loops 14 on the dust cover or hood and threading the arms 15 therethrough it will be seen that the hood may be readily slipped off of the ends of the arms and its lining renewed or cleaned and quickly replaced over the roll as often as

desired. Then again these arms may be, and preferably are, formed of a flexible or resilient material so shaped as to press the cleaning lining on to the outer face of the curtain and cause it to contact with the outer surface of the curtain as the diameter of the roller changes by the curtain being wound upon or unwound therefrom. There is always, even when the curtain is fully unwound, a line of contact of sufficient area between the lining of the hood and the roller to cause the surface of the curtain to be effectively cleaned.

By the use of my improved device a shade-curtain may be kept clean and so does not become unsightly and thus its practical wearing life is materially prolonged.

The foregoing description is directed solely towards the construction illustrated, but I desire it to be understood that I reserve the privilege of resorting to all the mechanical changes to which the device is susceptible, the invention being defined and limited only by the terms of the appended claims.

I claim:

1. A curtain roller cover and cleaner comprising a hood adapted to extend along the length of and cover the roll, said hood being provided with a lining to contact with the roll to wipe a surface of the curtain on the roller, and yieldable members for supporting said hood over the roller and maintaining said hood in contact with the shade on the roller during the winding and unwinding of the shade on the roller and pressing

the lining into contact with the surface of the curtain.

2. A curtain roller cover and cleaner comprising a hood adapted to extend along the length of and cover the roller, said hood being provided with a lining adapted to engage and wipe the surface of the curtain on the roller, and a pair of supporting arms detachably connected to said hood for pressing the lining into contact with the curtain and following its changing diameter.

3. A curtain roller cover and cleaner comprising a hood adapted to extend along the length of and cover the roller, said hood being provided with a lining adapted to engage and wipe the surface of the curtain on the roller the edges of said hood being rolled inwardly over those of the lining to bind the latter therein, and a pair of yieldable arms for supporting said hood on its roller and maintaining said lines in contact with said hood.

4. A curtain roller cover comprising a hood of a size to extend around and over the upper portion of a curtain roller, portions of the stock of the casing being raised above its normal plane providing loop members on the surface of said hood, and a pair of arms each having one end adapted to be connected to a window casing, and its free end adapted to engage the respective loop members on said hood to removably support the latter in operating position over the curtain roll.

In testimony whereof I affix my signature.

GUNNAR H. RYDBERG.