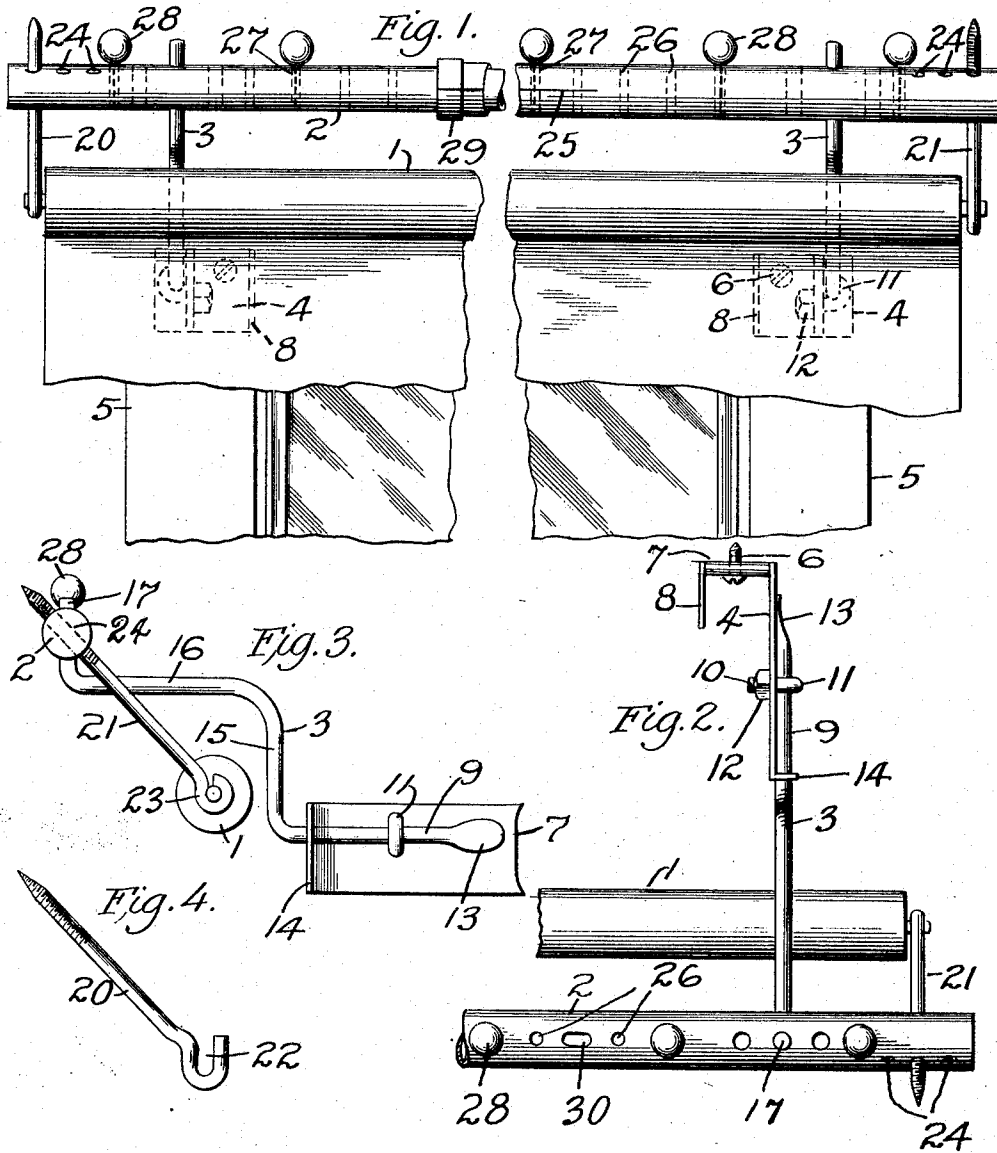


E. GERBER.
 COMBINED SHADE ROLLER AND CURTAIN HANGER.
 APPLICATION FILED NOV. 27, 1909.

1,015,309.

Patented Jan. 23, 1912.



WITNESSES:
 Geo. A. Senior
 R. H. Bois

INVENTOR
 Emanuel Gerber,
 BY
 Fred Wacker.
 ATTORNEY

UNITED STATES PATENT OFFICE.

EMANUEL GERBER, OF KANSAS CITY, MISSOURI.

COMBINED SHADE-ROLLER AND CURTAIN-HANGER.

1,015,309.

Specification of Letters Patent.

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Application filed November 27, 1909. Serial No. 530,080.

To all whom it may concern:

Be it known that I, EMANUEL GERBER, a citizen of the United States of America, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Combined Shade-Rollers and Curtain-Hangers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to those shade and curtain fixtures adapted to be fastened to and movable up and down with a window sash, particularly the upper sash.

My object is to provide a fixture which can be more easily applied, used and adjusted whereby a superior article may be available for the purposes intended. And to this end my invention consists in the peculiar features and combinations of parts to be more fully described hereinafter and pointed out in the claims.

In the accompanying drawings, Figure 1 represents a front elevation; Fig. 2, a top view, and Fig. 3, a side elevation, and Fig. 4, a detail view of a hook roller hanger.

The curtain pole 2 together with a shade roller 1 are supported upon two arms 3 secured to brackets 4 attachable to the front face of a sash 5 by screws 6. These brackets 4 are L-shaped in general outline. The base 7 of each bracket is concaved horizontally in order to more securely grip the window sash when the screws 6 which pass through the center of each are driven home. A rectangular stop 8 extends outward from the end of the base 7 of the bracket in a direction substantially parallel with the longer arm of the latter, and it serves as a stop to receive the contact of the top of the lower sash (not shown) and prevents the force of the sash from turning and loosening the bracket on the screw 6. This is an important feature of my invention because it gives greater stability to the bracket and prevents vexatious attention and repairs which would occur much more frequently without it.

The shade roller and curtain pole supporting arms 3 are each attached to the sash brackets in the following manner: These arms 3 are preferably made of heavy round brass wire, or they may be made of round steel wire suitably brass-plated, nicked or bronzed, and are formed with a horizontal portion 9 which is clamped against the out-

side flat surface of the longer arm of the bracket by a bolt 10 passing through the latter and having a hook 11 which takes over the portion 9 and clamps it tightly against the bracket through the medium of nut 12. The inner end 13 of the horizontal portion 9 is flattened so that it will lie against the flat side of the bracket and prevent the arm from turning on its longitudinal axis. The arms 3 rest on lugs or projections 14 at the outer ends of the bracket arms 4 to hold the arms rigidly against tilting on bolts 10. It is desirable to make the bracket arms extend outward far enough to clear the window casing. Each supporting arm 3 extends from its horizontal portion 9 upwardly and thence outwardly, forming a reversely curved part 15 and a substantially horizontal part 16, finally terminating in an upturned end 17 which passes through a hole in the curtain pole 2.

The shade roller 1 is suspended from the curtain pole by hangers 20 and 21 which screw into the pole diagonally and extend inward and downward at an angle of approximately 45°, terminating in a square-throated hook 22 at the end of one, and a round eye 23 at the end of the other; whereby the necessary bearings for an ordinary Hartshorn spring shade roller are provided. This peculiar arrangement of these shade roller hangers results in positioning the roller back out of the way of the curtain and under the overhanging parts 16 of the supporting arms 3, and the shape of the latter also serves to hold the roller and the pole up in front of the window casing to cover the latter from view when the window sash is raised in closed position as it would in the case of a common style of curtain pole which is hung in stationary brackets on the casing. To accommodate the difference in length between the shade roller and the curtain pole, the latter is provided with a series of diagonal holes 24 for the hangers, 20 and 21 to screw into. The pole is made in two telescoping sections so that it can be applied to various widths of windows. The left hand section telescopes into the end of the tubular right-hand section which is split at 25 and reinforced by a split steel ring 29 to give a spring grip on the inside member. Vertical pin holes 26 receive pins 27 which constitute a simple and convenient form of fastening for the curtain. These pin holes are placed at frequent intervals apart

throughout the length of the pole so that they will register with one another, and permit the pins to enter with facility through the telescoped part of the pole as well as through the other part. Good sized spherical heads 28 on the pins should be provided to facilitate their application and removal in hanging the curtain. It may be desirable to use oblong slots 30 instead of the round pin holes.

Among the many advantages of my construction might be mentioned the facility with which it can be applied to various widths of window sashes, the easy adjustment of the supporting arms either toward or away from the window, and the stability of such adjustments when once made, the simplicity and cheapness of the parts, the manner of separating the shade roller from the curtain, whereby either or both can be worked with greater facility without clashing, and the ease and simplicity with which the curtain can be attached and detached from the pole. A still further advantage of this style of shade and pole hanger is that the curtain and shade may be lowered bodily to leave the upper half of the window free from obstruction to the air, whereby better ventilation is obtained in the room.

Although I have shown the preferred form of my construction and arrangement, it is manifestly plain that numerous slight changes, such as would naturally suggest themselves to a skilled mechanic, might be made without escaping the gist and scope of my device.

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

1. In a combined shade roller and curtain pole hanger, a pair of L-shaped brackets adapted to be secured to a window sash and the base of each bracket being concaved horizontally and each bracket being also provided with a rectangular stop, in combination with a curtain pole, and shade roller brackets suspended directly from the pole so as to extend downward and inwardly at an angle of substantially 45°.

2. In a combined shade roller and curtain pole hanger, the combination of a pair of L-shaped brackets adapted to be fastened to a window sash, said brackets being provided with a concaved base having projecting and

biting edges, a curtain pole, a shade roller, and supporting arms for the shade roller and curtain pole, said arms being formed with a horizontal portion which is secured against the outside surface of the bracket, and hangers which are fastened to the pole and extend inwardly and downwardly at an angle of substantially 45°.

3. In a combined shade roller and curtain pole support, the combination with a pair of L-shaped supporting brackets adapted to be secured directly to a window sash and provided with rectangular stops, supporting arms for carrying the shade roller and curtain pole, each supporting arm having a reversely bent form providing a horizontal portion, a telescopic curtain pole on said arms, a shade roller, and shade roller hangers suspended directly from the pole and which are fastened to the pole diagonally so as to extend inwardly and downwardly at an angle of substantially 45°, terminating at the lower end so as to provide bearings for the shade roller.

4. In a combined shade and curtain pole hanger, the combination with the roller and the pole, of a pair of supporting L-shaped brackets adapted to be directly attached to a window sash, supporting arms secured thereto, said arms being reversely bent, and hangers which screw into the pole diagonally and which extend inwardly and downwardly, terminating in a square throated hook at the end of one and a round eye at the end of the other, whereby the necessary bearings for the shade roller are provided.

5. In a combined curtain pole and shade roller support, the combination of a pair of brackets adapted to be secured to the window sash, a shade roller, an extensible curtain pole containing a series of receiving perforations, outwardly and upwardly extending supporting arms adjustably secured to the brackets, hangers that are fastened to the pole diagonally and terminate in bearings for carrying the shade roller, and a series of transverse curtain pins adapted to enter the perforations in the pole.

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

EMANUEL GERBER.

Witnesses:

F. J. O'LOUGHLIN,
R. B. WOODARD.