

898,788.

Patented Sept. 15, 1908.

Fig. 1.

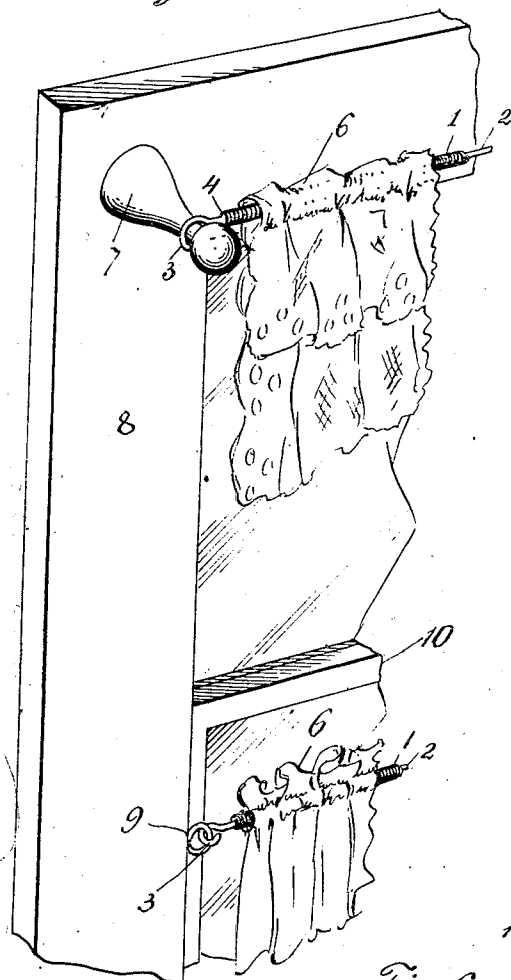


Fig. 2.

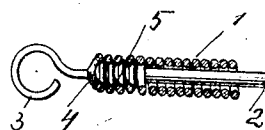


Fig. 3.

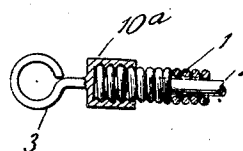


Fig. 4.

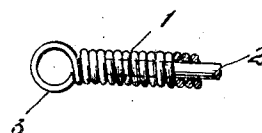


Fig. 5.

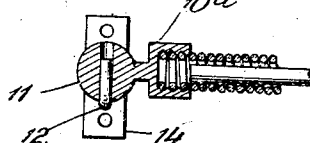


Fig. 6

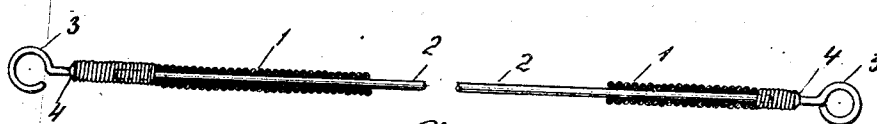
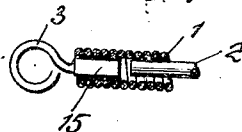


Fig. 2.



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UNITED STATES PATENT OFFICE.

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CURTAIN-FIXTURE.

No. 898,788.

Specification of Letters Patent.

Patented Sept. 15, 1908.

Application filed September 11, 1907. Serial No. 392,292.

To all whom it may concern:

Be it known that I, CHARLES A. SCHEIF, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Curtain-Fixtures, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to curtain fixtures, and more particularly to the support of window-sash curtains.

The invention has for its object to provide an extensible yielding support for sash curtains, that can be easily and quickly attached to the sash frame of a window, to support curtains of various widths and dimensions.

To this end, I have devised a simple and inexpensive yielding curtain rod, the rod being of sufficient rigidity to support curtains of various weights without permitting the same to sag. In designing the rod I have aimed to simplify its construction as much as possible, whereby the rod can be manufactured at a comparatively small cost, without impairing its durability and general usefulness.

The detail construction entering into my invention will be presently described, and then specifically pointed out in the appended claims.

In the drawings: Figure 1 is a perspective view of a portion of a window-frame illustrating the curtain support as used in connection with a window-frame or sash, Fig. 2 is a sectional view of one end of the curtain support or rod, Fig. 3 is a similar view of a modified form of fastening an eyelet to a rod. Fig. 4 is an elevation of a rod illustrating a further modification and simple form of the same, Fig. 5 is a sectional view of a modified form of fastening means employed for supporting one end of the rod upon a sash or window-frame, Fig. 6 is a longitudinal sectional view, partly in elevation of the preferred form of construction, and Fig. 7 is a detail sectional view of one end of the rod illustrating a further modification.

To put my invention into practice, I construct the curtain support or rod of a coil spring 1 capable of being extended or stretched. This coil spring constitutes a sleeve or outer section of the pole, and in the same I place a rod 2 for supporting the convolutions of the spring and adding rigidity to the same, when a weight is suspended from

said spring. The rod 2 also assists in placing the coil spring 1 in the hem or run-way of a curtain, otherwise the spring might buckle and require considerable time in being placed in the hem of the curtain.

Adapted to fit in the end convolutions of the spring 1 are eyelets or hooks 3, the shanks of said eyelets or hooks in the form of construction shown in Figs. 1, 2, and 6 being capped, as at 4, and provided with threads 5, whereby said eyelets or hooks can be screwed in the outer ends of the spring 1 and firmly held therein by the convolutions of said spring engaging the threads of the eyelet or hook.

In practice, the rod or spring is adapted to extend through a hem or run-way 6 of the curtain, and after the eyelets or hooks have been placed in engagement with the ends of the spring, these eyelets or hooks are fastened to supports 7 carried by a window-frame 8, or to eyelets 9 carried by a window-sash 10. It is therefore evident that I do not care to confine myself to the place in which the curtain rod or support is used.

In Fig. 3 of the drawings, I have illustrated a slight modification of my invention, wherein the eyelets or hooks 3 are provided with interiorly threaded caps 10 for screwing upon the ends of the spring 1.

Another and more simple form is illustrated in Fig. 4 of the drawings, wherein the ends of the spring 1 are bent to provide the eyelets or hooks 3, thus making the spring and eyelets or hooks integral parts. As this construction is more simple than the construction illustrated in Figs. 2 and 3 of the drawings, it may be preferred in some instances.

A still further modification of the invention is illustrated in Fig. 5 of the drawings, wherein the eyelet or hook is dispensed with and an apertured spherical body 11 carried by the threaded cap 10^a is employed, this apertured spherical body fitting upon a hook 12, carried by a plate 14 adapted to be secured to a window-frame sash.

In Fig. 7 of the drawings, I have illustrated a still further modification of my invention, wherein the eyelet or hook 3 is provided with a plain shank 15, adapted to be soldered, or otherwise secured in the outermost convolutions of the spring 1.

In connecting the rod or support of a spring or yielding element I am enabled to stretch the rod or support between two fixed

or separate points, thus permitting of the rod or support being used for curtains of various widths. It is not essential that the rod or support pass through the hem of a curtain, as a curtain can be draped over the same.

5 Having now described my invention what I claim as new, is:—

1. A curtain pole comprising a coil spring, a rod fitting within the spring and extending 10 approximately to the ends thereof, and fastening means carried by the ends of said coil spring.

2. A curtain pole comprising a coil spring, a rod fitting within the spring and extending 15 approximately the length thereof, and fastening means detachably-secured to the ends of said spring.

3. A curtain pole comprising a closely

wound coil of wire, a rod fitting neatly in the coil and extending approximately the length 20 thereof, and fastening means carried by the ends of said coil.

4. As a new article of manufacture, a curtain pole comprising an outer sleeve formed of a closely wound wire coil, a rod inclosed 25 thereby and on which the coils of the wire are free to expand and retract, the said rod extending approximately the length of the outer sleeve, and fastening means carried by the ends of said sleeve.

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

CHARLES A. SCHEIF.

Witnesses:

K. H. BUTLER,
MAX H. SROLOVITZ.