M. HOVAGIMIAN.

CURTAIN ROD.

APPLICATION FILED DEC. 11, 1911.

1,023,650.

Patented Apr. 16, 1912.

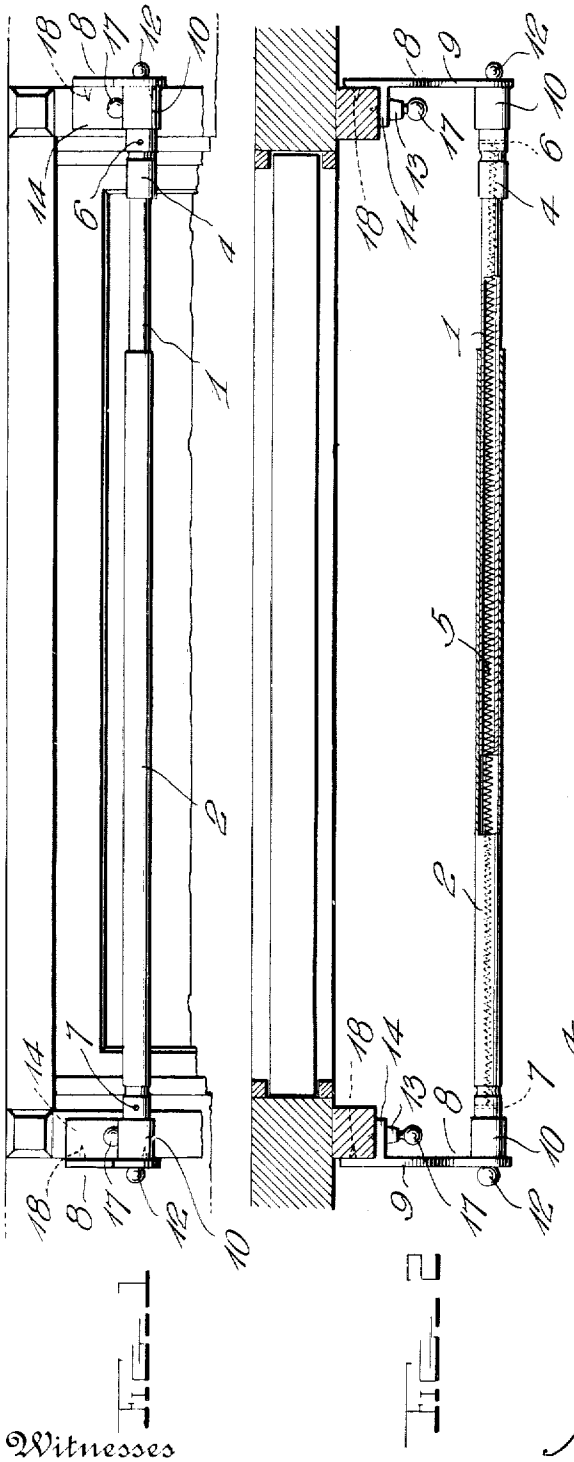

FIG. 2.

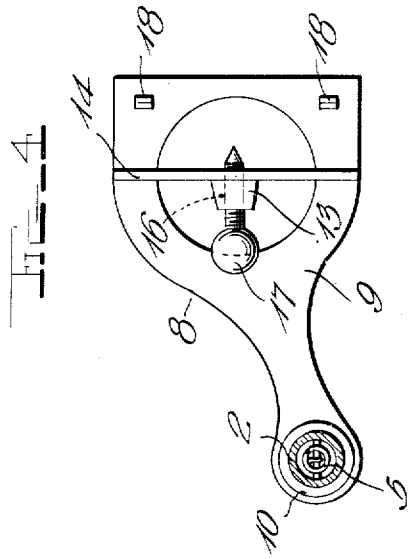

FIG. 4.

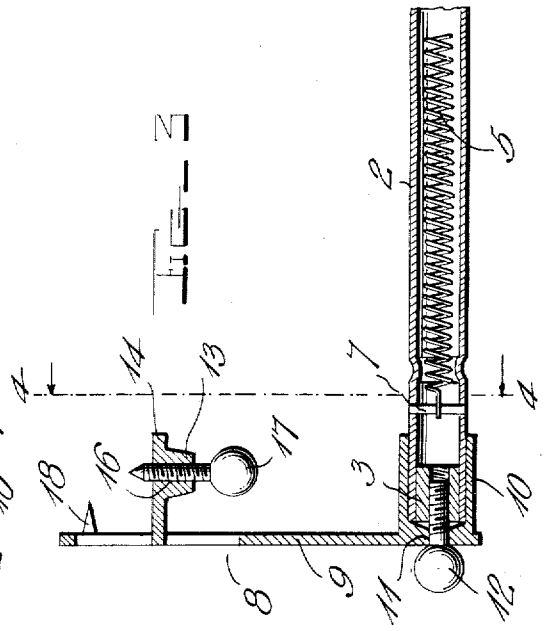

FIG. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

MANUEL HOVAGIMIAN, OF WORCESTER, MASSACHUSETTS.

CURTAIN-ROD.

1,023,650. Specification of Letters Patent. Patented Apr. 16, 1912.

Application filed December 11, 1911. Serial No. 665,179.

To all whom it may concern:

Be it known that I, MANUEL HOVAGIMIAN, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Curtain-Rods; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in curtain rods.

One object of the invention is to provide a curtain rod having an improved construction and arrangement of attaching devices whereby the rods may be detachably secured to a window frame without the use of nails, screws or similar fastening devices.

Another object is to provide a curtain rod formed in adjustably connected sections which are yieldingly secured together whereby the length of the rod may be varied to fit windows of different widths.

With these and other objects in view, the invention consists of certain novel features of construction, and the combination and arrangement of parts as will be more fully described and claimed.

In the accompanying drawings; Figure 1 is a front view of the upper portion of a window frame showing my improved curtain rod applied thereto; Fig. 2 is a horizontal sectional view of the same; Fig. 3 is an enlarged detail horizontal section through one end of the rod and the adjacent supporting bracket; Fig. 4 is a vertical section on the line 4—4 of Fig. 3 looking in the direction of the arrow.

My improved curtain rod comprises inner and outer tubular telescoping sections 1 and 2 in the outer ends of which are rigidly secured plugs 3 having longitudinally disposed threaded bores the purpose of which will be hereinafter described. On the outer end of the inner section 1 of the rod is fixed a sleeve 4 whereby said end of the inner section is increased in size to correspond with the diameter of the outer section. Arranged in the sections of the rod is a coiled spring 5 one end of which is secured to a transverse pin 6 in the outer end of the inner section, while the opposite end is secured to a similar pin 7 in the outer section. The spring 5 when thus arranged and secured holds the sections of the rod in yielding engagement with each other and permits said sections to be drawn apart to increase the length of the rod, thus permitting the latter to be employed in connection with windows of different widths.

The rod is detachably secured to the frame of a window or door by means of supporting brackets 8 each of which comprises a plate 9 which may be of any suitable shape or design and on the outer end of which is formed a cylindrical socket 10 adapted to receive the end of the rod, said end of the plate having therein a hole or passage 11 which opens through the center of the inner end of the socket and is adapted to receive a fastening screw 12, said screw being here shown and is preferably provided with an ornamental head whereby the same may be screwed into the threaded bore of the plug 3 in the end of the rod, thus securely fastening the bracket in position on the latter.

Formed on or otherwise rigidly secured to the inner side of the inner portion of the plate 9 of the brackets are right angularly disposed flanges 14, having on their outer sides bosses 13, in which and through the adjacent portion of the flanges are formed threaded screw holes 16 in which are arranged frame engaging screws 17, said screws having pointed inner ends whereby the same may be readily forced into the window frame when screwed inwardly through the flanges 14. Also formed on the inner sides of the inner portion of the plates 9 are frame engaging spurs 18 which are adapted to be driven or forced into the outer edges of the sides of the window frame, said spurs together with the screws 17 firmly securing the brackets to the sides of the window frame whereby the curtain rod is supported. By thus attaching the brackets to the window frame it will be seen that the brackets may be readily removed when desired and engaged with another window frame and it will also be seen that by constructing and arranging the attaching devices as herein shown and described that the window frame will not be marred or disfigured to any appreciable extent.

The yielding connection between the sections of the rod permits the latter to be adjusted to fit window frames of different widths and also serves to hold the brackets in temporary engagement with the window

frame while the rod is being adjusted or leveled prior to permanently fastening the same to the window frame.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as claimed.

Having thus described my invention, what I claim is;

1. A curtain rod formed in tubular telescoping sections, a spring arranged in said sections and adapted to yieldingly connect the same together, supporting brackets having sockets to receive the ends of said rod, fastening screws adapted to secure the brackets onto the ends of the rod, frame engaging flanges formed on the inner sides of said brackets, frame engaging screws having a threaded engagement with said flanges, and frame engaging spurs formed on said brackets and adapted to be forced into the edges of the window frame.

2. A curtain rod comprising yieldingly connected tubular sections, plugs arranged in the outer ends of said sections, said plugs having threaded bores, supporting brackets having on their outer ends inwardly extending sockets adapted to receive the outer ends of the sections of the rod, fastening screws arranged through said brackets and sockets and adapted to be screwed into the threaded bores of said plugs whereby the brackets are secured to the ends of the rod sections, heads formed on said screws and attaching devices formed on said brackets and adapted to be engaged with the window frame whereby the brackets are secured in position to support the rod.

3. In a curtain rod, a supporting bracket, means to detachably secure the brackets to the ends of the rod, frame engaging flanges formed on the inner sides of the brackets, said flanges having threaded apertures, frame engaging screws arranged in said threaded ends whereby the same are forced into the window frame; and frame engaging spurs formed on said brackets and adapted to be forced into the edges of the window frame.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

MANUEL HOVAGIMIAN.

Witnesses:
JAMES W. BURKE,
GEO. J. LANE.