

S. SOBOCIENSKI.

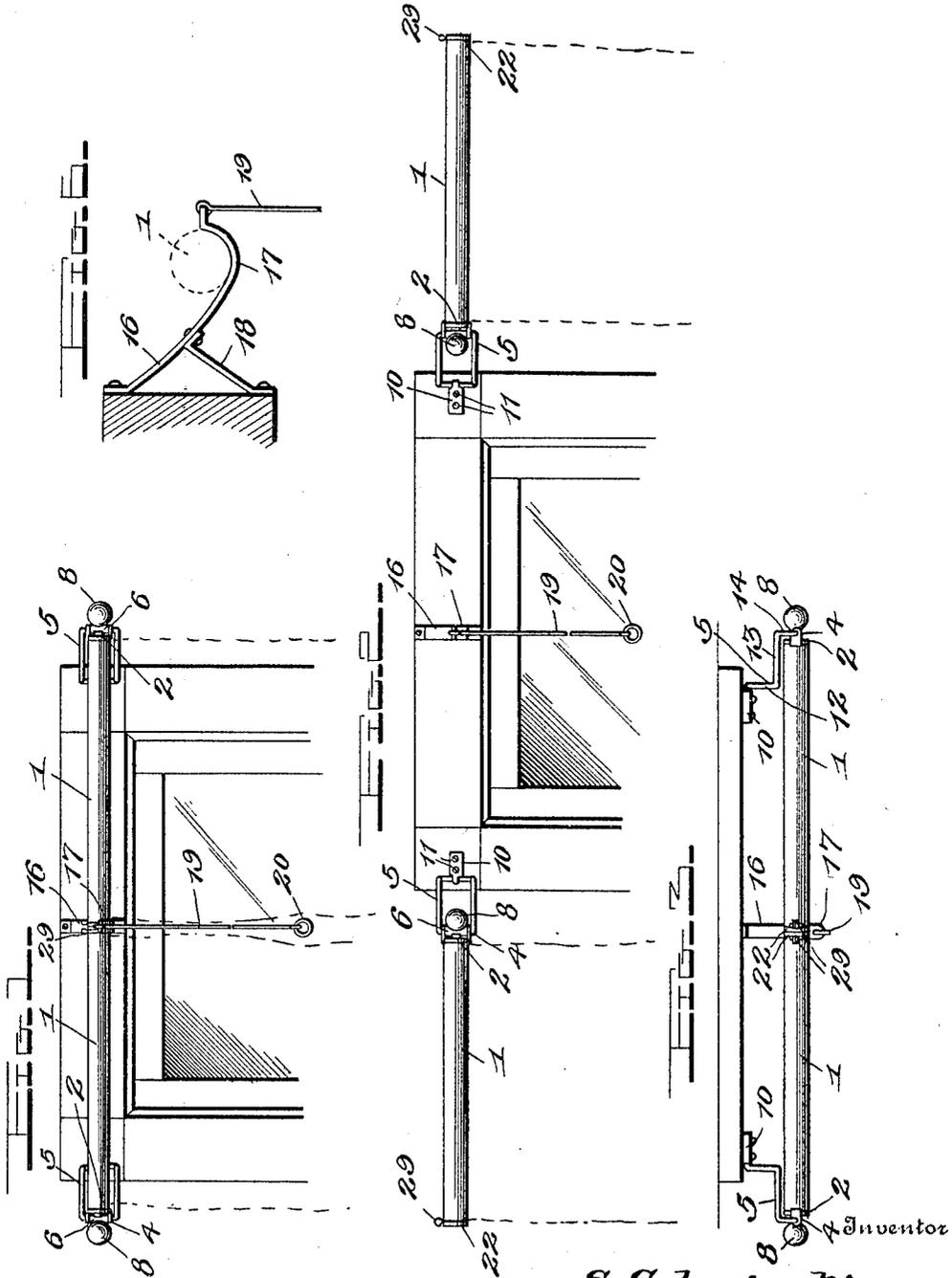
CURTAIN POLE.

APPLICATION FILED MAR. 13, 1913.

1,073,938.

Patented Sept. 23, 1913.

2 SHEETS-SHEET 1.



Witnesses

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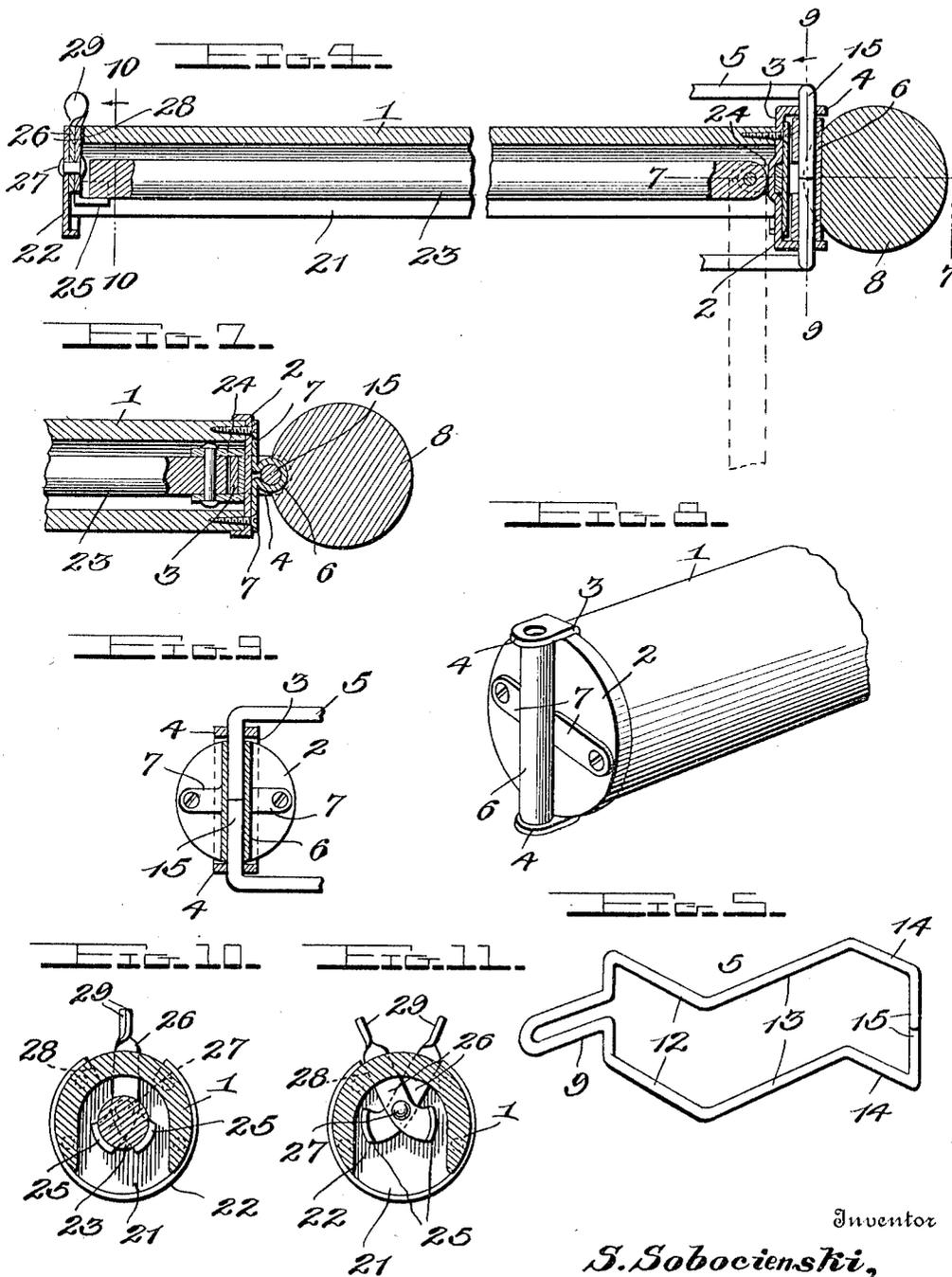
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UNITED STATES PATENT OFFICE.

STANISLAUS SOBOCIENSKI, OF NEWARK, NEW JERSEY.

CURTAIN-POLE.

1,073,938.

Specification of Letters Patent. Patented Sept. 23, 1913.

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To all whom it may concern:

Be it known that I, STANISLAUS SOBOCIENSKI, a citizen of Prussia, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Curtain-Poles; 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 poles for hanging curtains, portières and the like.

One object of the invention is to provide a curtain pole constructed in hingedly supported sections adapted to swing inwardly and outwardly to support the curtains in front or to one side of a window.

Another object is to provide a curtain pole of this character having an improved means for holding the sections of the pole in closed position for supporting the curtains over or in front of the window.

A further object is to provide an improved means for attaching the curtains to the pole.

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 a window frame showing my improved construction of pole applied thereto and in position to support the curtains in front of or over the window; Fig. 2 is a similar view with the curtain pole and curtains swung back away from the window; Fig. 3 is a top plan view with the parts as shown in Fig. 1; Fig. 4 is an enlarged vertical section through one of the sections of the pole showing in dotted lines the curtain fastening rod swung down in position for releasing the curtains; Fig. 5 is a perspective view of one of the frame or stationary hinge members of the pole; Fig. 6 is a cross sectional view through the top of the window frame showing a side view of the catch for holding and supporting the inner ends of the sections of the pole when in closed position; Fig. 7 is a horizontal sectional view of the outer end of one section of the pole; Fig. 8 is an enlarged perspective view of the outer end

of one section of the pole and the hinge member thereof with the ornamental ball or knob of the pole removed; Fig. 9 is a cross sectional view of one section of the pole taken on the line 9—9 of Fig. 4; Fig. 10 is a similar view taken on the line 10—10 of Fig. 4 showing the fastening devices for the curtain attaching rod in an operative position; Fig. 11 is a similar view showing the fastening devices of the curtain attaching rod in open position for releasing said rod to permit the curtain to be removed.

My improved curtain pole comprises two sections 1 which may be of any desired size and length and constructed of any suitable material. On the outer end of each section 1 of the pole is a cap plate 2 which may be secured to the end of the section in any suitable manner. The cap plates 2 are provided on their outer edges with annular pole engaging flanges which are notched at diametrically opposite points at the top and bottom of the pole. Secured to the inner sides of the cap plates 2 are the pole or movable members of pole supporting hinges by means of which the sections of the pole are hingedly secured to the sides of the window frame as will be hereinafter more fully described. The pole members of the hinges comprise narrow metal plates 3 which are suitably secured to the inner sides of the cap plates 2 and engage the notches in the flanges of the caps as shown. The ends of the plates 3 are turned outwardly and project in parallel relation one above the other beyond the outer side of the cap plate and form bearing lugs 4 which are provided with bearing apertures to receive the pintle or engaging portion of the stationary hinge members 5 secured to the window frame. Also secured to the outer side of the cap plates 2 are bearing sleeves 6 having secured to their inner sides attaching lugs 7 which are adapted to be fastened to the outer sides of the cap plates 2 in any suitable manner, said lugs being here shown as being secured by the fastening devices which secure the cap plates 2 to the end of the pole. The sleeves 6 when thus secured to the cap plates are disposed in line with the apertures in the bearing lugs 4 and also receive the pintle or engaging portions of the hinged member 5. If desired the sections of the pole may be provided on their outer end with ornamental knobs or balls

8, said balls being here shown and are preferably secured to the outer sides of the sleeves 6.

5 The stationary or frame members of the hinges for the sections of the pole are each preferably formed from single wire rods and bent midway between their ends to form an attaching loop 9 which is covered by a sheet metal casing 10 having therein between the sides of the loop, screw holes 11 adapted to receive fastening screws which are driven into the window frame and thereby securely fasten the stationary or frame members of the hinge in position. 15 The ends of the wire rods after forming the loop 9 are bent upwardly and downwardly in opposite directions and then outwardly at right angles as at 12. After being bent outwardly or offset from the loop 9 which is engaged with the window frame the ends of the rod are bent inwardly at right angles or toward the center of the window for a suitable distance as at 13 after which the ends of the rod are again bent outwardly at right angles for a short distance as at 25 at 14 and have their extremities turned inwardly toward each other to form the pin- 20 tles 15 of the stationary hinge members which engage the apertured bearing lugs 4 and the sleeves 6 on the caps 2 of the sections of the pole. The hinge members 5 when thus constructed form an open frame which is offset a sufficient distance from the side of the window frame to permit the ornamental knobs on the ends of the sections of the pole to swing in between the side bars of the hinge frames and to permit the sections of the rods to swing back alongside or parallel with the walls of the room at the opposite sides of the window frame. 40

In order to form a firm support for the inner ends of the sections of the pole and the curtain suspended therefrom when said sections are swung inwardly to bring the curtains in front of the window, I provide a supporting bracket 16 which preferably comprises a curved spring metal plate 17 the inner end of which extends upwardly and is secured in any suitable manner to the front of the upper cross piece of the window frame at the center thereof and has its outer end projecting a suitable distance and turned up to form a seat for the inner engaging ends of the sections of the pole which when swung inwardly to a closed position are engaged with the plate which is of sufficient width to receive the ends of both sections of the pole as shown. The inner portion of the plate 17 is further supported and held in position by an inclined brace bar 18 which is secured at its outer end to the lower side of the plate 17 and is adapted to be secured at its outer end in any suitable manner to the upper cross 65

piece of the window frame. As hereinbefore stated the plate 17 is formed of spring metal and when the ends of the sections of the pole are to be engaged with or disengaged from this bracket 16 the upwardly curved outer end of the plate is sprung downwardly a sufficient distance to permit the ends of the pole to pass or to be swung into engagement with the bracket after which the end of the plate is released and the resiliency of the metal will again spring said end back into position to engage and support the ends of the sections of the pole. In order to permit the outer end of the bracket or plate 17 to be sprung downwardly, I preferably provide a cord or other flexible connection 19 having its upper ends secured to the end of the plate and which extends downwardly to within convenient reach and is provided on its lower end with a ring or handle 20. 85

The sections 1 of the pole are preferably hollow and are provided in their lower sides with longitudinal slots 21 extending throughout the entire length of the sections as shown. On the free ends of the sections are secured cap plates 22 which cover this end of the sections and close the ends of the slots. The cap plates 22 may be secured to the ends of the sections of the pole in any suitable manner and said plates are preferably provided with inwardly turned edges or annular flanges which fit around the sides of the sections as shown. Arranged in the hollow sections of the pole are curtain attaching rods 23 the outer ends of which are hingedly attached to the caps 2 on the outer ends of the sections of the pole by U-shaped clips 24 which are secured between the cap plates 2 and the plates 3 forming the pole members of the hinges as shown. The outer ends of the rods 23 are pivotally secured between the ends of the clips 24 while the inner or free ends of the rods are held in position for clamping the upper ends of the curtains between the rods and the inner walls of the hollow sections of the pole by means of pairs of segmental rod gripping plates 25 which are formed on and project laterally from the lower ends of short operating levers 26. The levers 26 are curved inwardly and upwardly from the inner sides and ends of the segmental plates 25 and cross each other on the inner sides of the cap plates 22 to which said levers are pivotally connected at their point of crossing as shown at 27. The ends of the levers extend upwardly through a notch 28 in the inwardly turned edges or flanges of the cap plates 22 and have their upper ends twisted and shaped to form handles 29 by means of which the segmental rod engaging and supporting plates 25 may be swung toward each other to engage the ends of the at- 130

taching rods when the latter are swung upwardly through the slots 21 and into the hollow sections of the pole whereby said ends of the rods are supported or by means
 5 of which the plates 25 may be swung apart or separated to permit the disengagement of the end of the rods from the plates to permit the rods to swing downwardly on their pivotal connection with the clips 24
 10 and as shown in dotted lines in Fig. 4 of the drawing in which position the curtains may be readily disengaged from the rods and thus removed from the poles.

From the foregoing description taken in
 15 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
 20 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
 25 I claim is;

1. The combination with a window frame, of a hollow curtain pole formed in sections and having in the underside thereof longitudinally extending slots, means to hingedly connect the outer ends of said sections
 30 to the window frame, curtain attaching rods arranged in said sections, means to pivotally secure the outer end of said rod therein, cap plates hingedly secured to the inner ends of
 35 said sections, cross levers pivotally mounted on the inner side of said caps, segmental plates secured to the lower ends of said levers whereby the free end of said curtain rod may be held in an adjusted position or
 40 released to attach a curtain thereto, and means on said window frame whereby the meeting ends of said curtain pole may be held in a fixed position.

2. A curtain pole formed in sections each
 45 having on its outer end the movable member of a hinge connection comprising a cap plate, a bearing plate secured thereto and having its ends turned outwardly above and below the cap plate and apertured to form
 50 bearing lugs, a bearing sleeve secured to the outer side of said cap plate in line with the apertured lugs thereof, a stationary hinge member comprising an open right angular offset frame adapted to be secured at one
 55 end to the window frame, pintles formed on the opposite end of said frame to engage the

apertured bearing lugs and the bearing sleeve on the cap plate of the pole section whereby said section is adapted to be swung
 60 inwardly and outwardly to support a curtain in front of or to one side of a window.

3. A curtain pole formed in sections hingedly connected at their outer ends to a window frame and offset therefrom, a bracket secured to the window frame opposite the
 65 meeting inner ends of the sections of the pole when the latter are swung inwardly to an operative position for supporting the curtains in front of the window, said bracket comprising a spring metal plate secured at
 70 its inner end to the window frame and having its outer end projecting downwardly and turned upwardly to form a seat for the inner ends of the pole sections and a flexible element whereby the curved outer end of
 75 the bracket is sprung downwardly to permit the ends of the pole sections to be engaged with and disengaged therefrom.

4. A curtain pole comprising hollow sections hingedly connected to and offset at
 80 their inner ends from a window frame and having in their under sides longitudinal slots, cap plates secured to the inner ends of said sections, a curtain attaching rod arranged in each of said hollow sections, means
 85 to hingedly connect the outer ends of said rods to the outer ends of the sections of the pole, pairs of crossed levers pivotally connected to the inner side of the cap plates on the inner ends of said sections and extending
 90 upwardly above the sections, segmental plates arranged on the inner ends of said levers and adapted to be swung inwardly by said levers to engage and support the free ends of said attaching rods whereby
 95 the latter are held in position in the hollow sections of the pole to attach a curtain thereto and whereby when said segmental plates are swung outwardly by said levers the free end of the attaching rods are released to permit
 100 the rods to swing out through the slot in the bottom of the sections of the pole whereby the curtains may be removed from said attaching rods.

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

STANISLAUS SOBOCIENSKI.

Witnesses:

GEORGE E. CLYMER,
 CLARA L. MURWEIS.