

(No Model.)

E. K. WEST.
CURTAIN POLE.

No. 587,166.

Patented July 27, 1897.

FIG. I.

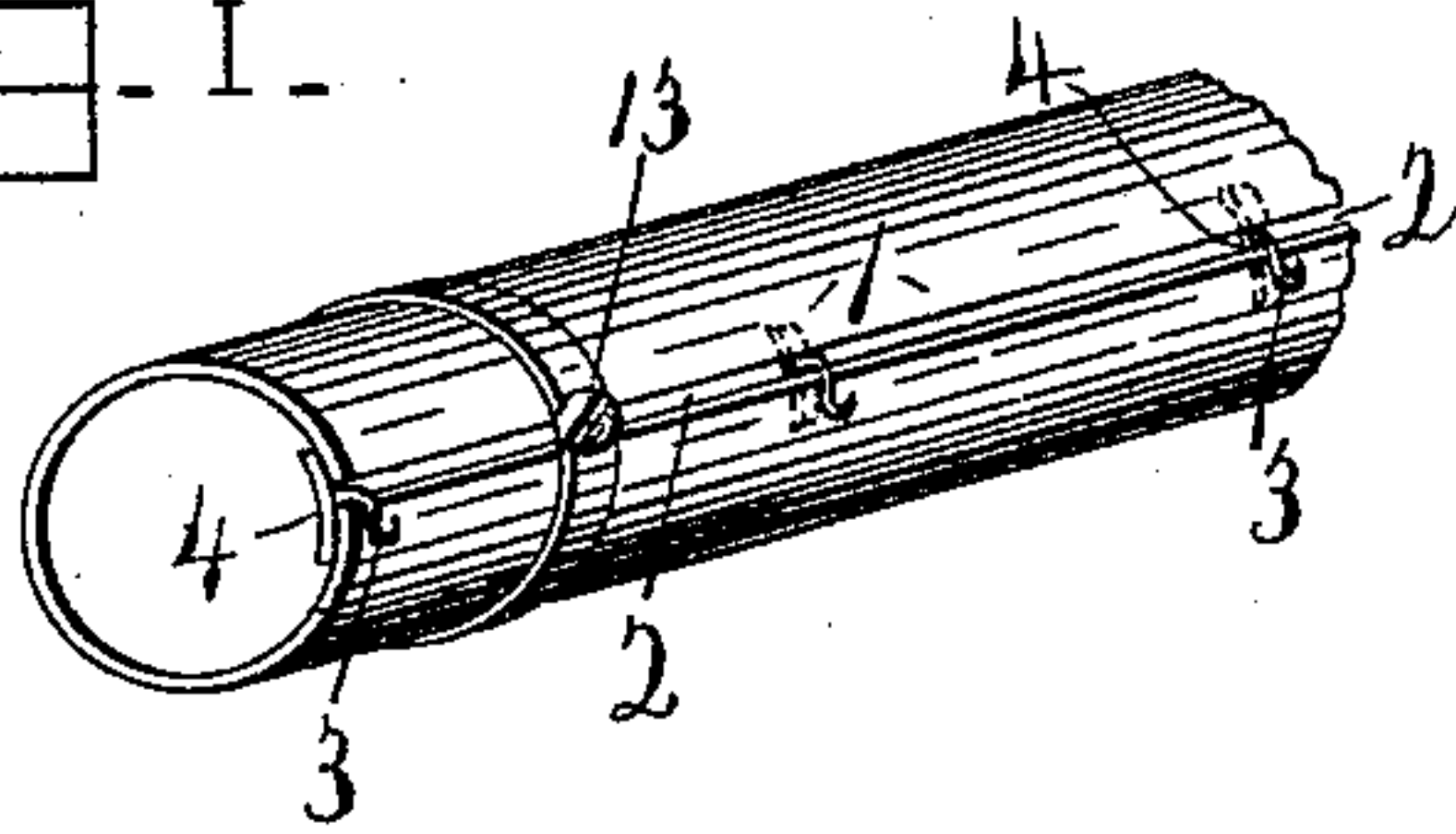


FIG. II.

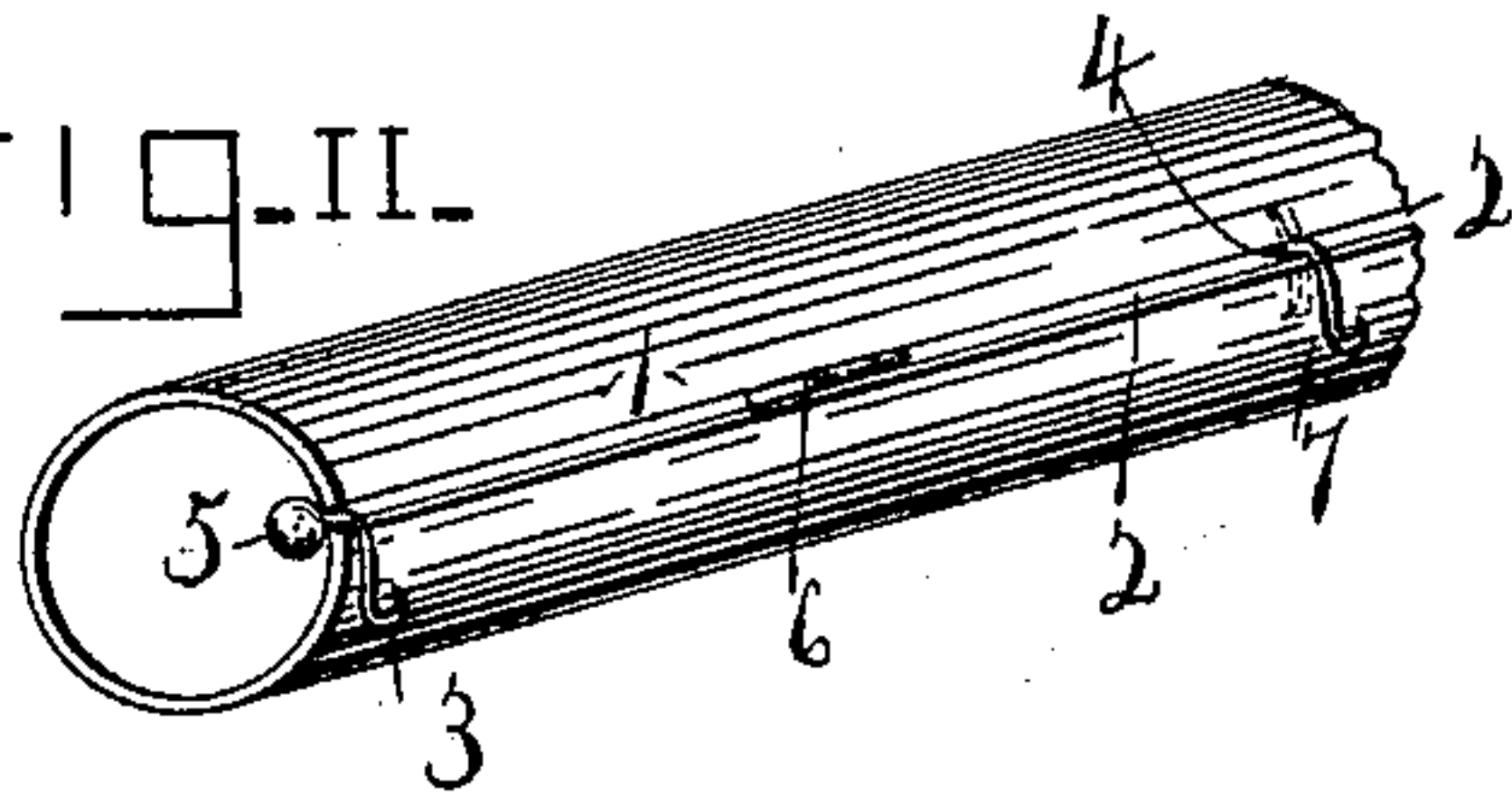


FIG. III.

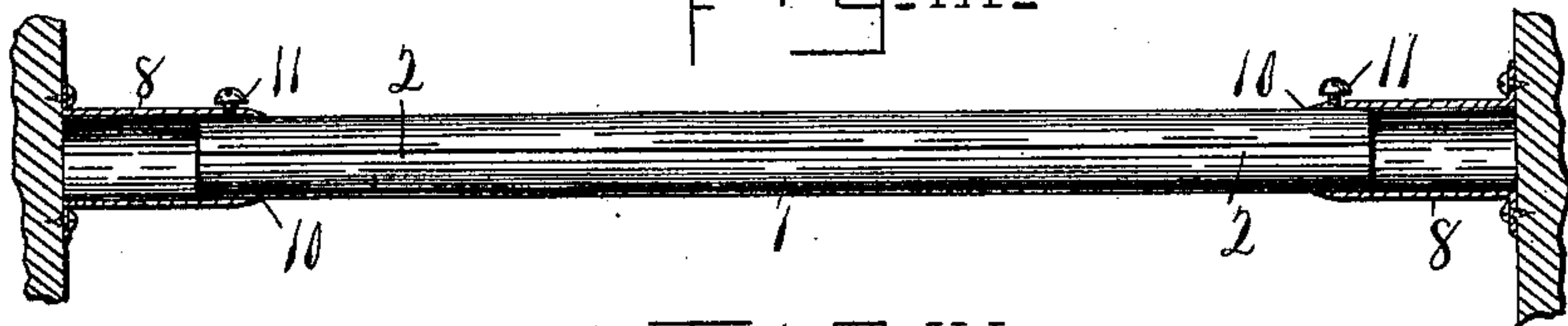


FIG. IV.

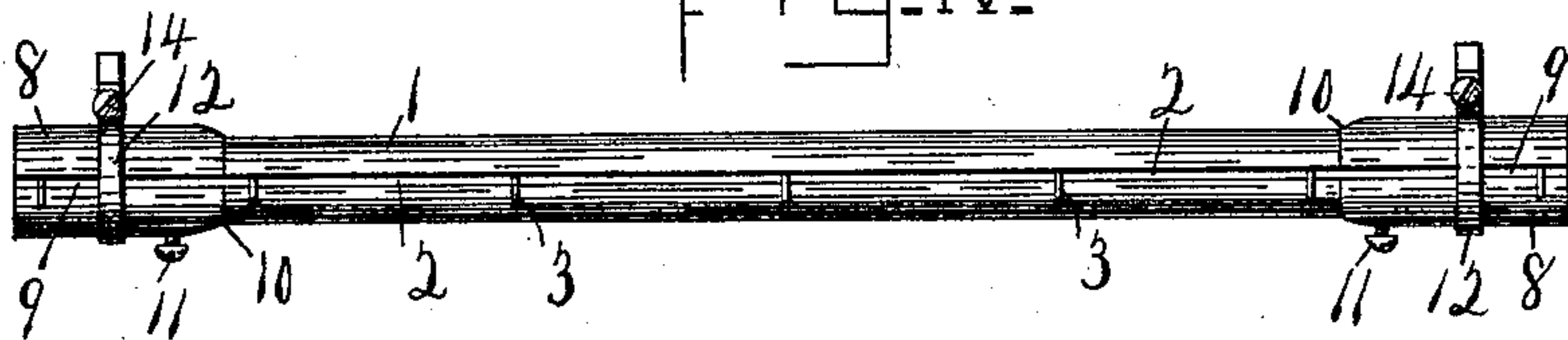


FIG. V.

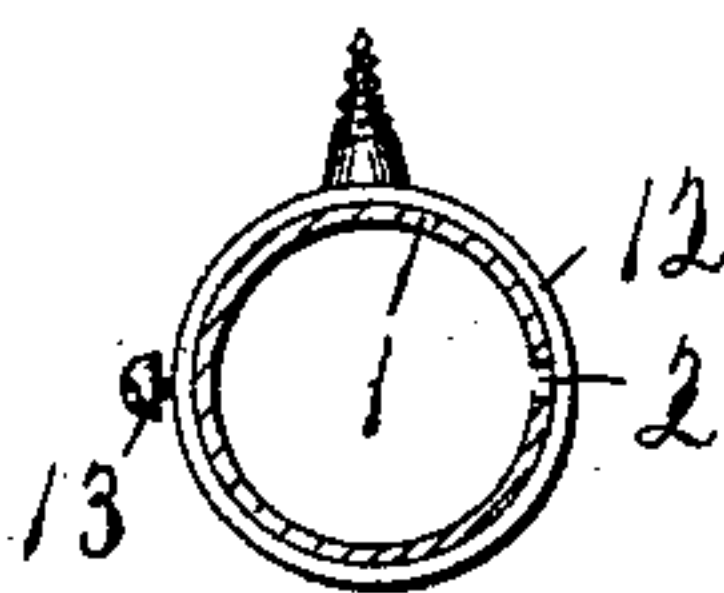


FIG. VI.



FIG. VII.

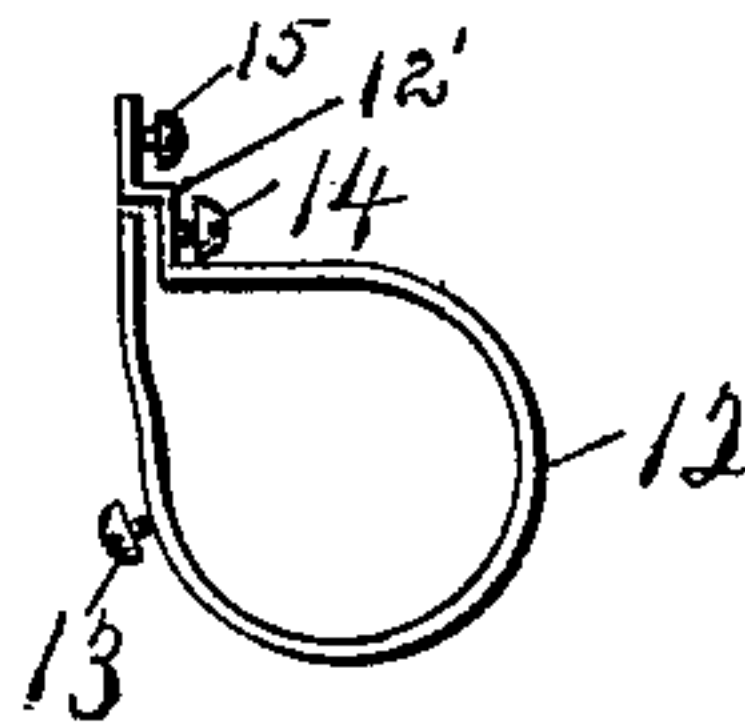


FIG. VIII.

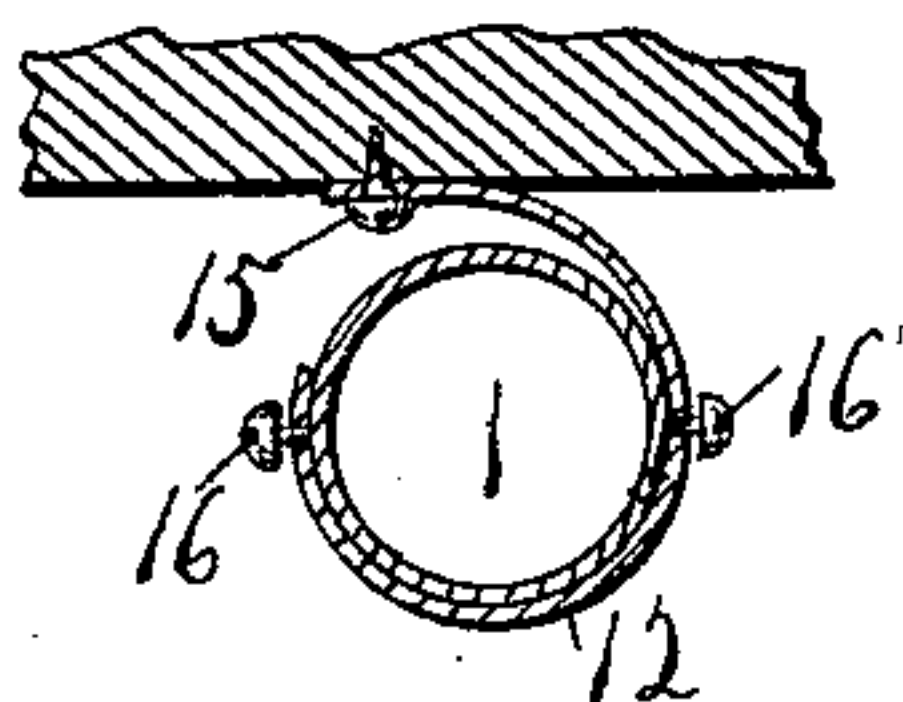
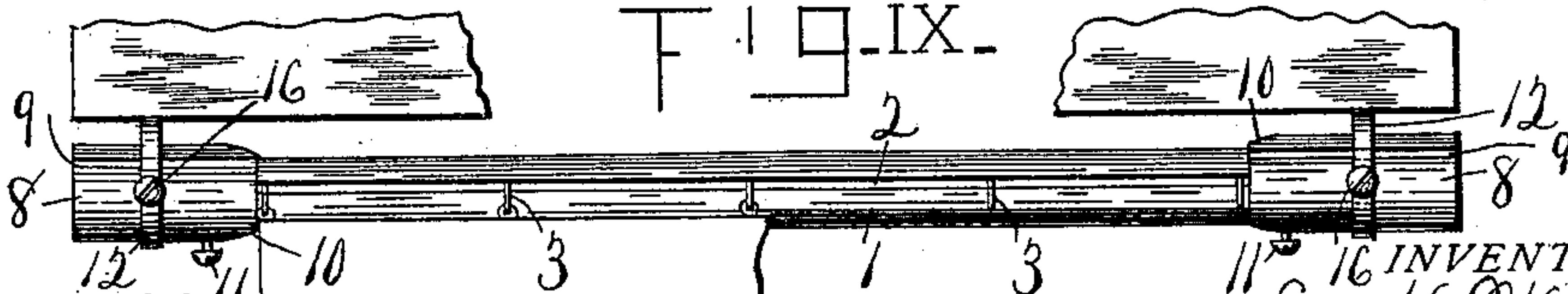


FIG. IX.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EPHRAIM KIRBY WEST, OF SYRACUSE, NEW YORK.

CURTAIN-POLE.

SPECIFICATION forming part of Letters Patent No. 587,166, dated July 27, 1897.

Application filed August 20, 1896. Serial No. 603,321. (No model.)

To all whom it may concern:

Be it known that I, EPHRAIM KIRBY WEST, a citizen of the United States, residing at Syracuse, in the county of Onondaga and State of New York, have invented a new and useful Curtain-Pole; and I do hereby declare that the following, in connection with the accompanying drawings, is a full, clear, and exact description of the invention.

10 What I have invented is a curtain-pole so constructed that it may be easily and firmly secured in position and that without rings the hooks may be easily attached to the pole and detached therefrom and will hold the
15 curtain against the side of the pole snugly, covering and concealing the pole when desired.

My pole is a simple metal tube provided with a single slot arranged along one side;
20 and slightly-larger tubes, also with slots where desired, are provided, into which the ends of the main pole fit snugly, so that by this telescoping arrangement the length of the pole may be changed to adapt it to various
25 locations. Metal straps are provided for sustaining the poles in various locations and set-screws for holding the poles firmly in the straps, also set-screws for securing the tubes in position after adjustment.

30 My invention will be better understood by reference to the accompanying drawings, in which the same numerals of reference refer to corresponding parts in all figures.

Figure I is a perspective view of the main
35 pole or tube with short hooks set in position. Fig. II is a similar view showing longer hooks and manner of setting them in place. Figs. III, IV, and IX show the use of the supplementary end tubes for varying the length of
40 the pole. Figs. V, VI, VII, and VIII show various forms of straps for holding the pole in position.

In the drawings, 1 indicates the main pole or tube, provided with a narrow slot 2, arranged along one side, just large enough to
45 admit the shanks of the hanging-hooks 3, having preferably integral back pieces 4. These are preferably elongated vertically in an arc shape to fit the interior of the tube, or in some cases they may be of any desired
50 form, as shown at 5 in Fig. II.

The hooks may be short, as shown in Fig.

I, drawing the curtain up snugly against the middle of the tube, substantially the whole of which may be thus covered by the curtain, or they may be elongated, as shown in
55 Fig. II, and shaped about as illustrated. In either case at points just beyond where their shanks pass through the slot their bodies are bent downward on the exterior of the tube
60 and the hooks proper at their lower ends receive the curtain. The weight of the latter on the hanging-hooks thus formed, in connection with the arc shape of the back pieces, holds the hooks very firmly in position and
65 prevents the rotation of the shanks automatically in the slot, even when the curtain is moved longitudinally, which might undesirably dislodge the back piece and disconnect the hook from the pole. In Fig. II is also
70 shown at 6 the manner of attaching the hooks to the pole after it has been secured permanently in position. The elongated and narrow back piece 4 is turned parallel to the slot, which is made large enough to permit
75 it to pass in that position, and when it has been inserted into the interior it is turned into its normal position, as shown at 7, where it holds the hook firmly in place against all danger of being withdrawn or shaken out ac-
80 cidentally.

In Figs. III and IV is shown the telescoping arrangement for varying the length of my pole. 8 8 are tubular end pieces into which the main tube 1 fits snugly. In Fig. III these end pieces are provided at their
85 outer ends with right-angle flanges, by means of which they are attached to walls on both sides, but I prefer to make these end pieces, as shown in Fig. IV, simple tubes provided
90 with slots 9 9, which may be arranged in continuation of the main slot 2, so that the curtain-hooks may be slipped along into the end pieces or tubes 8 8, in which case the ends
95 of the tubes 8 8 are preferably slightly beveled at their inner ends, so that there will be no corner to catch the sliding hooks.

It is evident that, where desired, the slots 9 9 may be arranged not to register with the slot 2, as shown in Fig. IX, in which case, of
100 course, the hooks cannot slip into those slots, but are retained in slot 2.

Set-screws 11 11 are preferably provided for fixing the relation of the main tube and

end tubes when they have been arranged at the desired length; also straps 12 12, variously formed, as shown in Figs. IV, V, VI, and VII, for sustaining the pole in various
 5 locations, which may be provided with set-screws 13 13 for holding the pole firmly in the strap. These set-screws are preferably arranged to enter the slot, as shown in Fig. I, so as to positively prevent the rotation of the
 10 pole under the weight of the curtain, or may simply bear against the back of the tube out of sight, as shown in Fig. V.

The preferred form of strap shown in Fig. VII is provided below its supporting-screw
 15 15 with a right-angular shoulder 12', behind which is formed an opening of sufficient size to receive the free end of the strap. The latter is passed around under the pole, its end inserted in this opening and drawn upward
 20 therein until the strap has been tightened around the pole, and then the set-screw 14 through the shoulder 12' is tightened, so that it clamps the end of the strap back against the support. Hence this form of strap per-
 25 mits a nice adjustment thereof to fit varying sizes of poles.

In Fig. VIII is shown a simple form of strap, somewhat elastic and adjustable to different sizes of tubes. One end is provided with
 30 screw 15 for securing it in position on wall or cornice, and opposite set-screws 16 16 are arranged for pinching the tube and entering its slot to hold it securely.

Having thus fully described my invention, what I claim, and desire to protect by Letters
 35 Patent, is—

1. The combination with a cylindrical curtain-pole having a longitudinal slot in one side, and curtain-hooks mounted in said slot;
 40 of holding-straps surrounding the pole and attached to a suitable support, and set-screws passing through the straps and into said slot, as and for the purpose described.

2. The combination with a curtain-pole; of
 45 a holding-strap 12 therefor, a screw 15 through one end thereof for supporting it, the body

of the strap just below said screw having an outwardly-bent shoulder 12' behind which the other end of the strap is passed, and a set-screw 14 through this shoulder against
 50 the last-mentioned end, as and for the purpose set forth.

3. The combination with a cylindrical tubular curtain-pole having a longitudinal slot in one side, and means for supporting the
 55 pole and holding it against rotation; of hanging curtain-hooks, each having a back piece within the pole and larger in one direction than the width of its slot, a shank leading thence outward through the slot, a down-
 60 wardly-bent body, and a hook proper at the lower end of the latter, as and for the purpose set forth.

4. The combination with a tubular curtain-pole having a slot in one side, and means for
 65 supporting the pole and holding it against rotation; of curtain-hooks each having a back piece within the pole larger in one direction but narrower in the other than the width of its slot, a shank leading thence outward
 70 through the slot to a body, and a hook proper on the latter, as and for the purpose set forth.

5. The combination with a tubular curtain-pole having a slot along one side, and supports therefor; of hanging curtain-hooks,
 75 each having a back piece within the pole larger in one direction but narrower in the other than the width of said slot, a shank fixed thereto and leading thence outward through the slot, a downwardly-bent body,
 80 and a hook proper at the lower extremity of the latter, as and for the purpose set forth.

In witness whereof I have hereunto set my hand, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 12th day
 85 of August, 1896.

EPHRAIM KIRBY WEST.

Witnesses:

C. SCHOENECK,
 A. P. FOWLER.