No. 785,858. PATENTED MAR. 28, 1905.

E. O. CASTNER.

CURTAIN POLE.

APPLICATION FILED APR. 30, 1904.

Fig. 1.

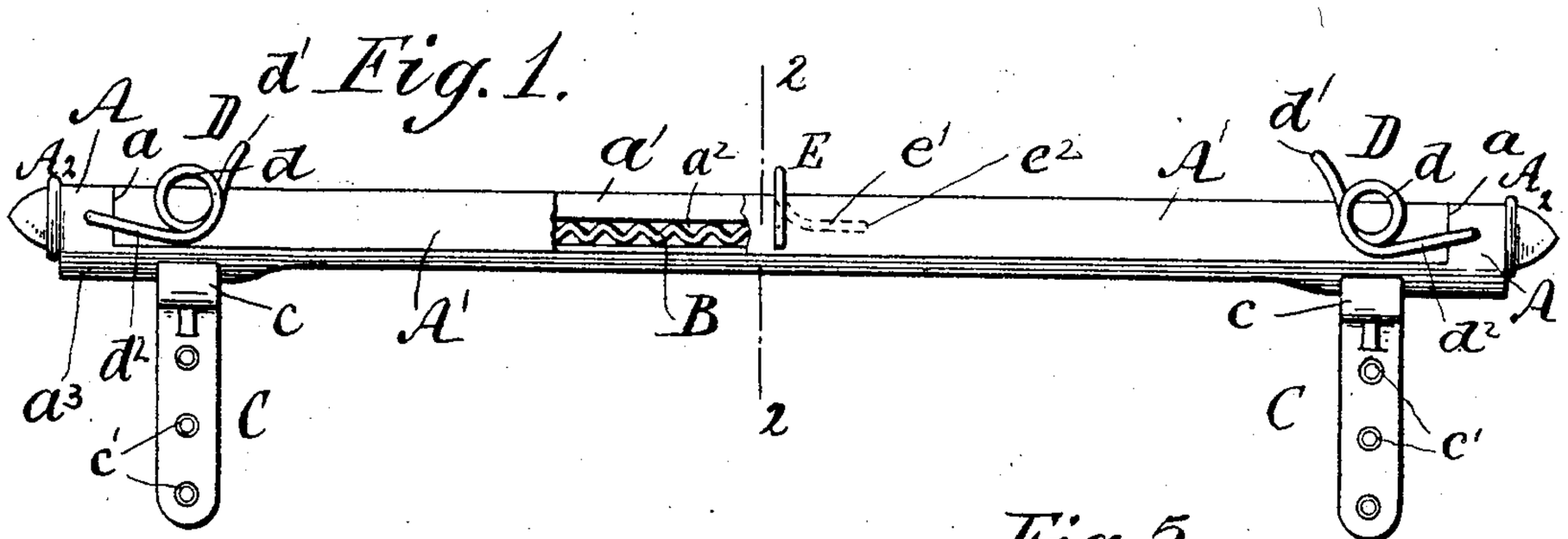


Fig. 2.

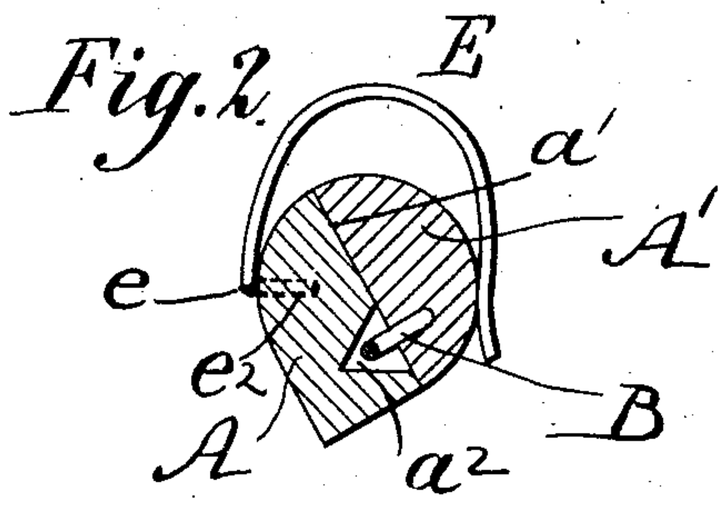


Fig. 3.

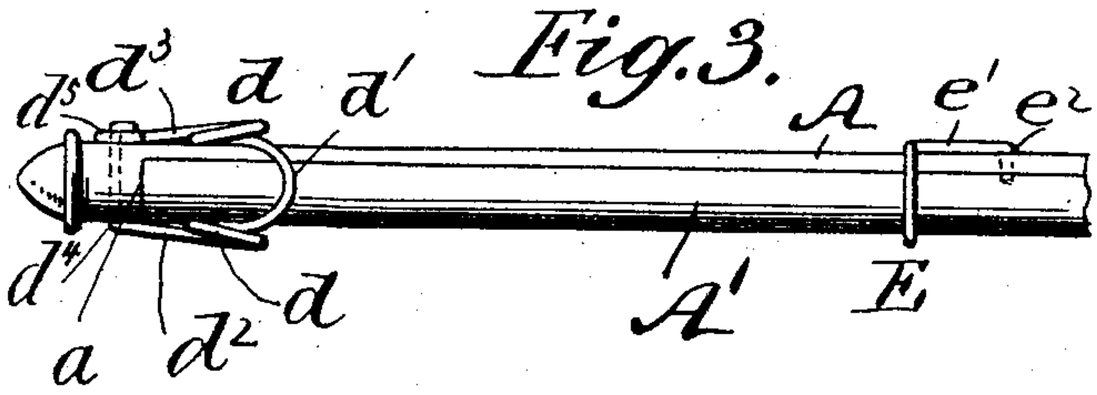


Fig. 5.

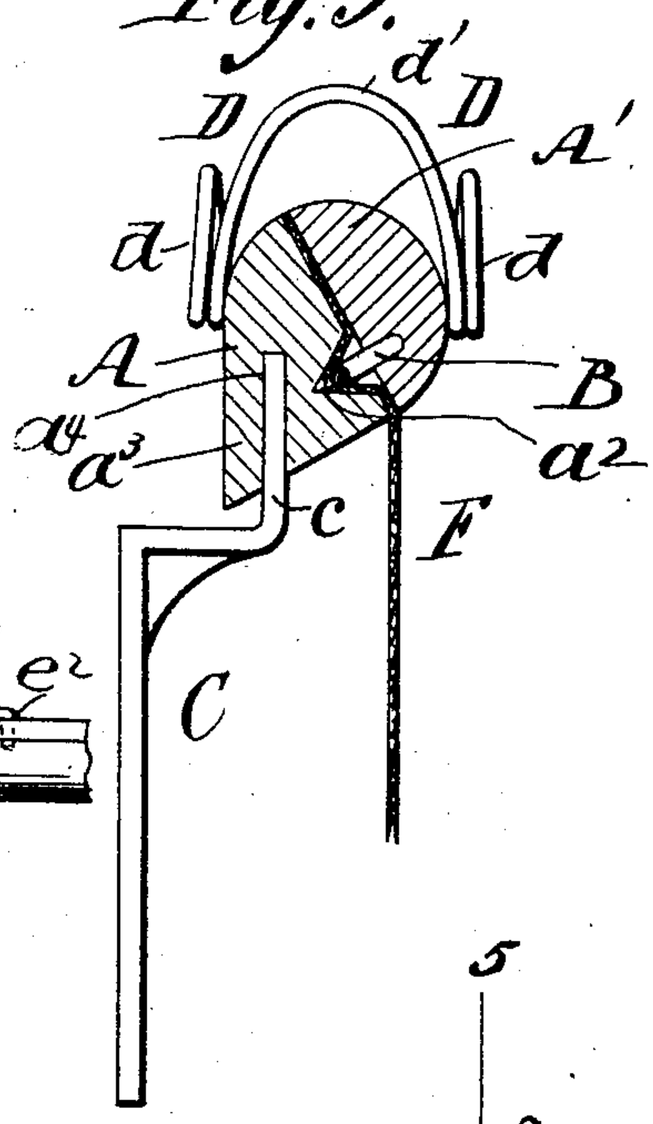
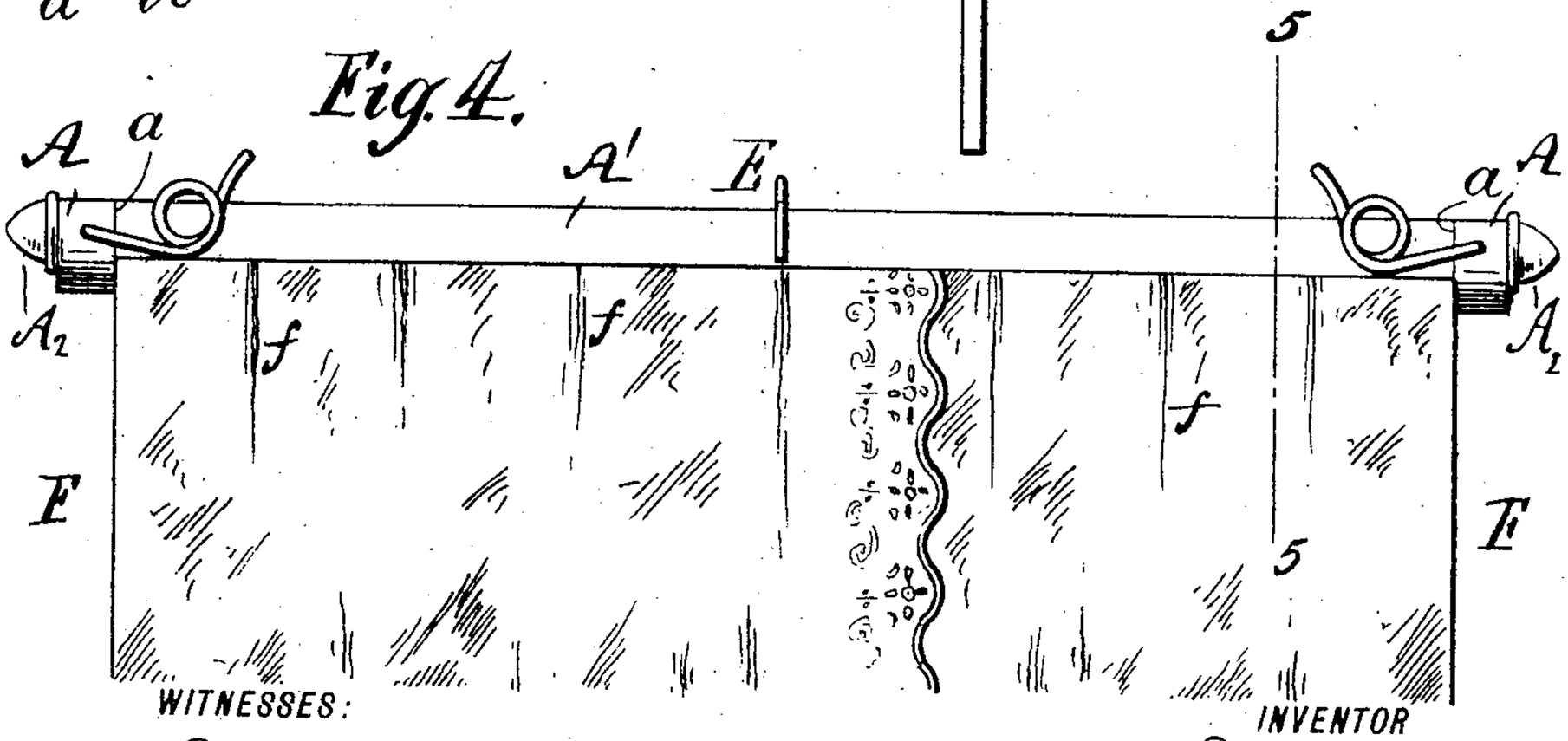


Fig. 4.



WITNESSES:

B. Patterson.

Wm. Shipley

INVENTOR

E. O. Castner

BY Clark, Deemer & Co

ATTORNEYS.

No. 785,858. Patented March 28, 1905.

UNITED STATES PATENT OFFICE.

EMORY OSCAR CASTNER, OF SPRUCECREEK, PENNSYLVANIA.

CURTAIN-POLE.

SPECIFICATION forming part of Letters Patent No. 785,858, dated March 28, 1905.

Application filed April 30, 1904. Serial No. 205,687.

To all whom it may concern:

Be it known that I, EMORY OSCAR CASTNER, a citizen of the United States, and a resident of Sprucecreek, county of Huntingdon, and State of Pennsylvania, have invented certain new and useful Improvements in Curtain-Poles, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to curtain-poles, the object thereof being to provide a device of this character which is adaptable for suspending curtains without the necessity of employing either rings, pins, or tacks, whereby the curtain is not susceptible of injury by tearing.

The invention embodies two elongated sections for clamping the upper ends of the curtains, also other novel features, which will be hereinafter fully described, and specifically set forth in the annexed claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a front elevation of my improved curtain-pole, showing one of its sections partly broken away; Fig. 2, an enlarged cross-sectional elevation taken on the line 2 2 of Fig. 1; Fig. 3, a plan view of part of the pole; Fig. 4, a front elevation showing a pair of curtains attached to the pole, and Fig. 5 is an enlarged cross-sectional elevation taken on the line 5 5 of Fig. 4.

In the practice of my invention I employ primarily a pole or rod A, having an elongated recess a, having the face a' at an angle to a vertical central line in cross-section. Extended the full length of this recess is a groove a^2. Fitted within the recess a is the front section A′ of the pole. This section has embedded in its inner face a corrugated tongue B, composed of wire, which extends within the groove a^2 of the section A to act as a clamping means for the curtain. Said tongue extends through the entire length of the section A′.

At each end of the section A is an extension a^3, having a socket a^4 for engagement with the upper end part of a bracket C for supporting the pole. These brackets are located one at each end of the pole, and they are supplied with screw-holes c', whereby they may be fastened to the woodwork of a window or door frame.

Pivotally secured to each end of the pole-section A is a spring-clamp D, embodying the resilient coils d, loop d', and extensions d^2 d^3. The extension d^2 has a bend d^4, which extends through the pole-section A and is looped into an eye d^5 of the section d^3, whereby the clamp is in pivotal but non-removable connection with the pole. Two of the said clamps are sufficient for medium or short poles; but when a very long pole is used an auxiliary clamp is employed. This clamp is connected near the center of the pole, and it embodies the spring-loop E, longitudinal extension e', and lateral bend e^2, which is driven into the pole-section A and acts as a fulcrum or pivot for swinging the clamp out of engagement when it is desired to separate the pole-sections. Each end of the pole may have ornamental end knobs A^2, and the pole may be of any suitable cross-sectional shape or contour.

In the operation and use of the device after the sections of the pole are detached and the spring-clamps turned out of engagement the upper end parts of the curtains, as F, Fig. 4 of the drawings, are placed on the face a' of the section A. Then the section A′ is pressed into place, and its tongue B bends a transverse crease in the curtain and holds the same securely in place within the groove a^2, as shown by Fig. 5 of the drawings. The clamps are then swung into operative position and retained by spring contact with the two pole-sections, keeping the curtain ends securely held in place.

By use of this invention it is obvious that the curtain is not injured by the process of connecting it with the pole, and folds, as f, Fig. 5 of the drawings, may be made and retained without the necessity of tacking or sewing, and the depending or lower parts of the curtains may be moved or draped in any desirable shape without liability of disengaging the top parts.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. As a curtain-pole, the combination, with the pole-section having the front recess and

elongated groove, and extensions having sockets therein for engaging brackets, of the front section fitting within the recess of the rear section and having a corrugated tongue extended within the said groove, and the spring-tongues for clamping the two sections together, substantially as shown and described.

2. As a means for suspending curtains, the combination with the rear pole-section having the end extensions and sockets, and the front recess and longitudinal groove, and the front section having the corrugated tongue fitted within the said groove of the rear section, and the spring-clamps in pivotal connection with the rear pole-section, of the supporting-brackets engaging the said sockets of the rear pole-section, substantially as shown and described.

3. In a curtain-pole, the combination with the pole-section A, having a face comprising recess a', and groove a^2, of the pole-section A′, fitting into said recess and having a face registering with the face of said pole-section A, through the entire length of said recess, the tongue B, on the said pole-section A′, and extending into the said groove a^2, a resilient clamp detachably holding said pole-sections together, and means for mounting said pole.

4. In a curtain-pole, the combination with the pole-section A, having a face comprising the recess a, and groove a^2, of the pole-section A′, fitting into said recess, and having a face registering with the face of said pole-section A, through the entire length of said recess, the tongue B, on the said pole-section A, and extending into the groove a^2, clamps comprising loops, and coils, of resilient material pivotally attached to said pole and detachably holding said pole-sections together, and means for mounting said pole.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 18th day of April, A. D. 1904.

EMORY OSCAR CASTNER.

Witnesses:
EARL MILLER,
MARY MILLER.