

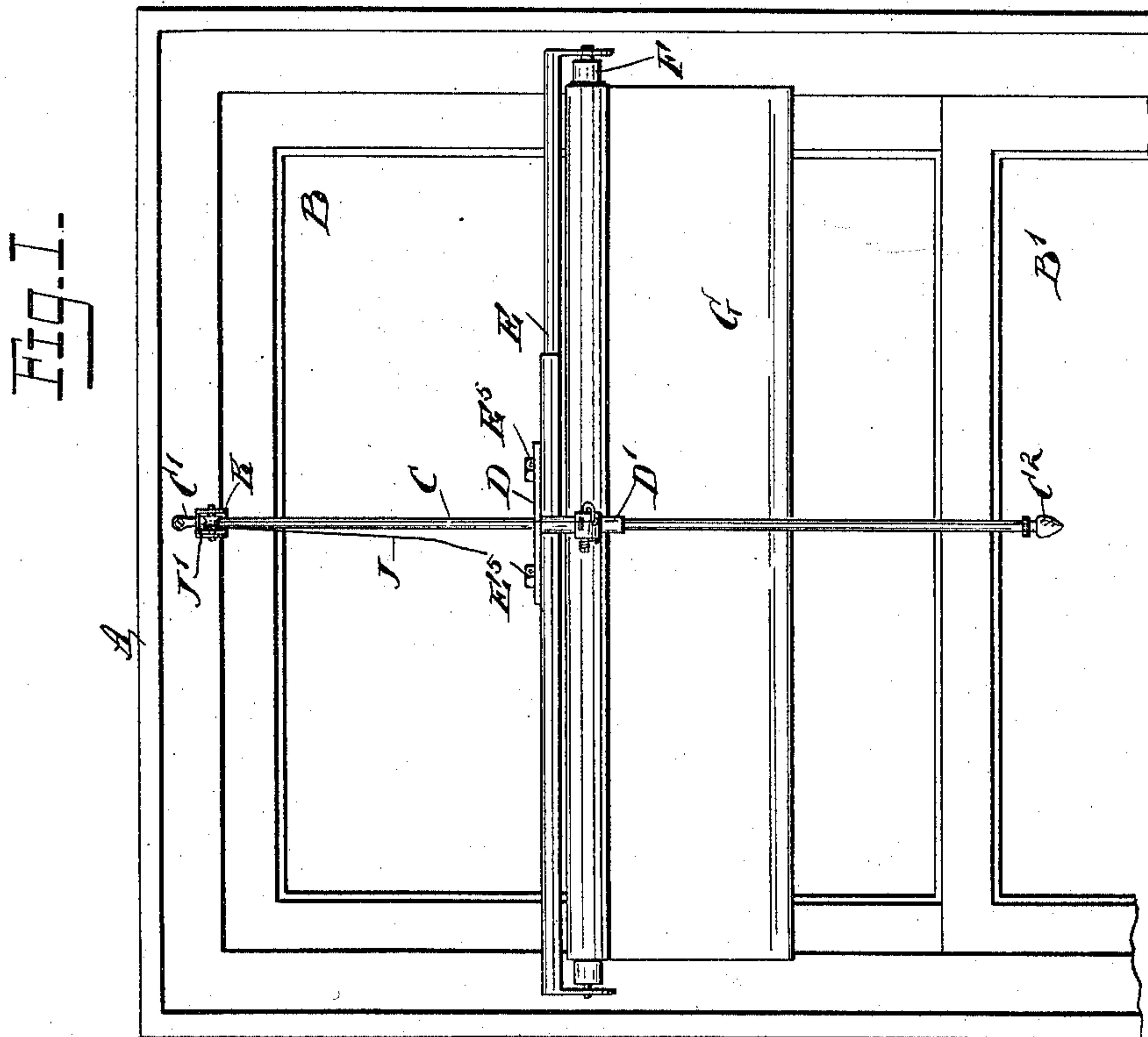
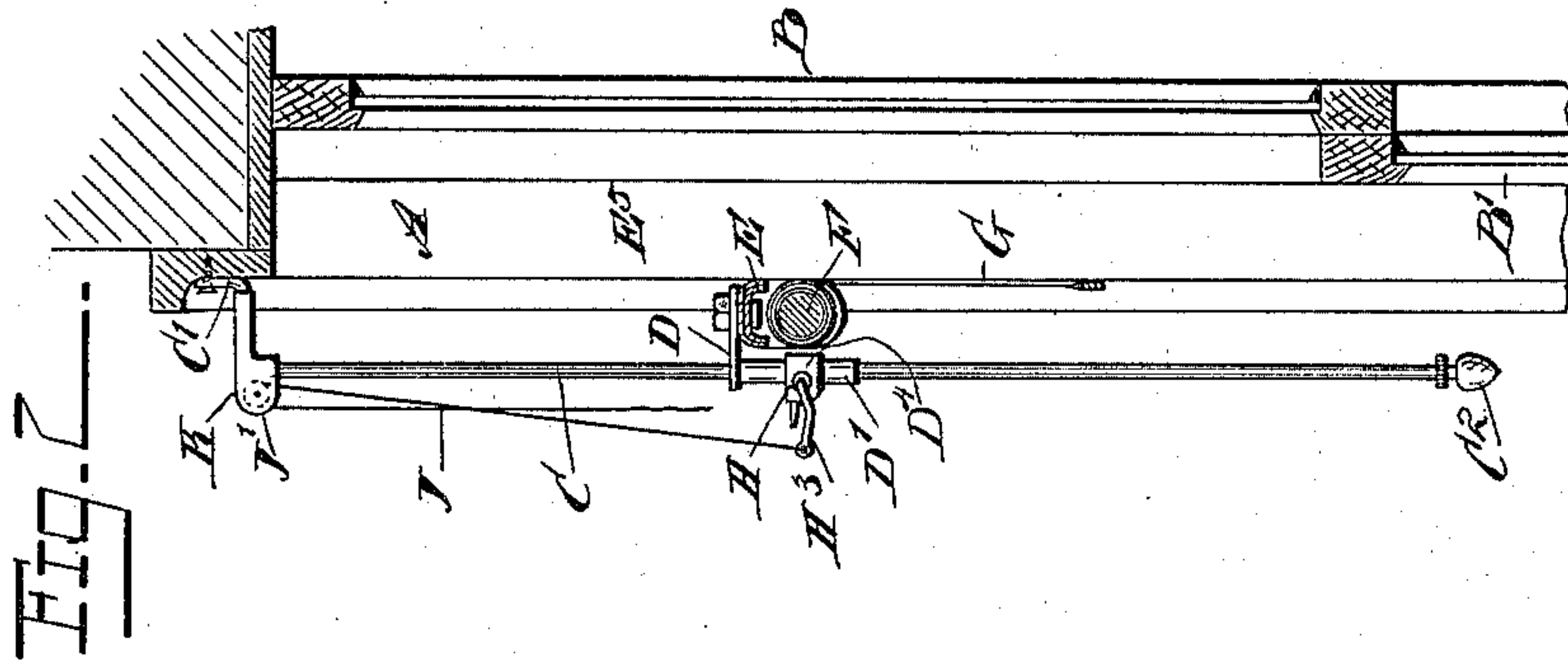
(No Model.)

2 Sheets—Sheet 1.

U. S. PARISH & F. A. RUDOLPH.  
CURTAIN HOLDER.

No. 598,533.

Patented Feb. 8, 1898.



WITNESSES:

Otto Spieth

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INVENTORS

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F. A. Rudolph

BY

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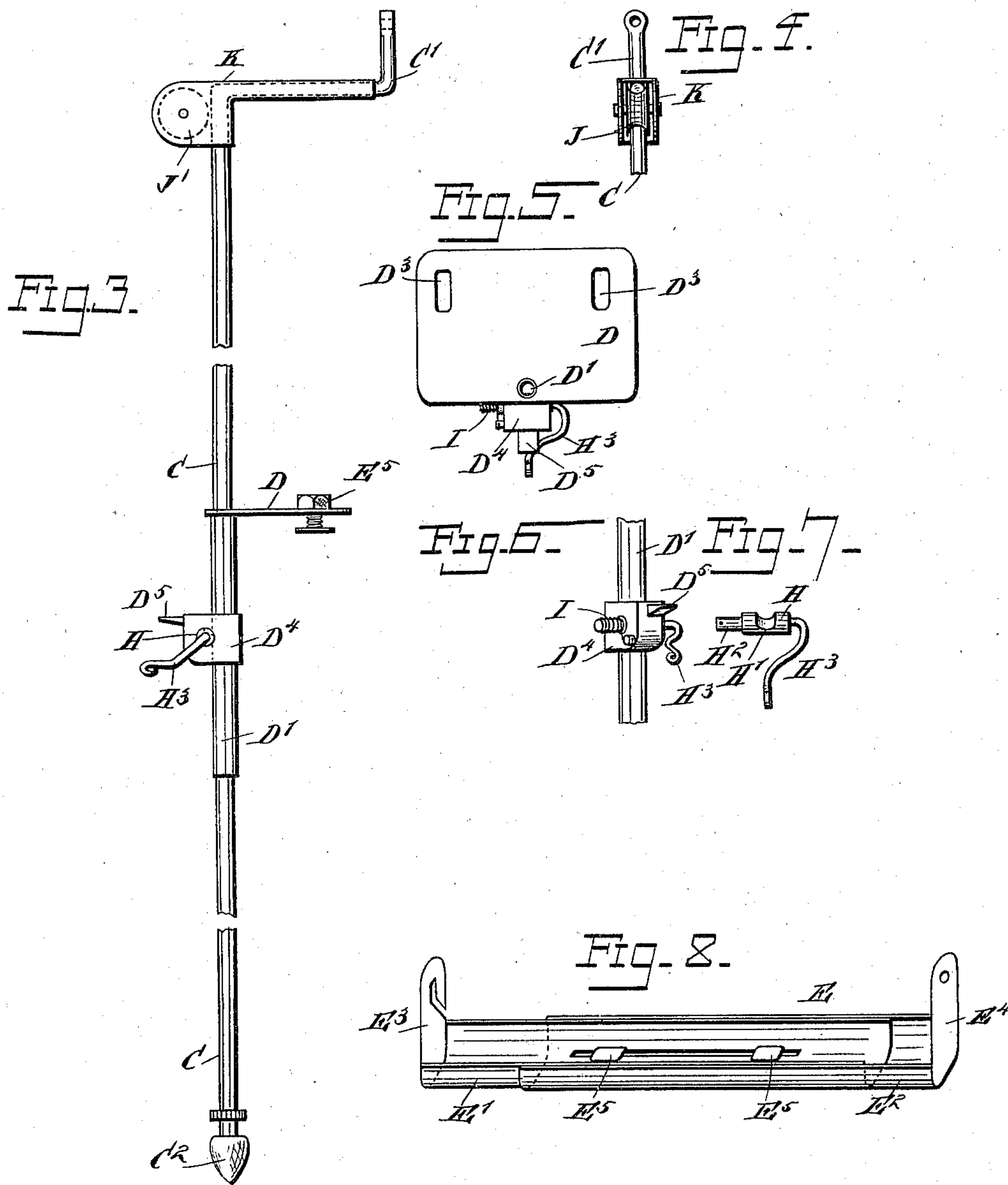
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# UNITED STATES PATENT OFFICE.

ULYSSES S. PARISH AND FLAVEL A. RUDOLPH, OF CARMI, ILLINOIS.

## CURTAIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 598,533, dated February 8, 1898.

Application filed April 7, 1897. Serial No. 631,139. (No model.)

*To all whom it may concern:*

Be it known that we, ULYSSES S. PARISH and FLAVEL A. RUDOLPH, of Carmi, in the county of White and State of Illinois, have invented a new and Improved Curtain-Holder, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved curtain-holder arranged to permit of conveniently and quickly moving the ordinary spring-roller carrying the curtain up or down on the window, to permit of unscreening the upper portion of the window to admit light and air, while the lower portion of the window is screened by the curtain.

The invention consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of the improvement as applied. Fig. 2 is a transverse section of the same. Fig. 3 is an enlarged side elevation of the rod and the curtain-frame support. Fig. 4 is a front elevation of the upper end of the rod. Fig. 5 is a plan view of the support. Fig. 6 is a perspective view of part of the support. Fig. 7 is a front elevation of the clamping device for the support on the rod, and Fig. 8 is an inverted perspective view of the spring-pressed roller-frame.

As illustrated in the drawings, the window-casing A contains the usual upper and lower sashes B B', and on the top cross-bar of the said frame and near the middle thereof is secured the upper bracket end C' of a vertically-disposed rod C, extending downward in front of the upper sash and part of the lower sash, as plainly indicated in the drawings. On this rod C is mounted to slide the sleeve D', secured on a transversely-extending plate D, forming, with the sleeve, the support for a frame E, in which the spring-roller F is journaled, the said roller carrying the usual curtain G. The frame E is preferably made in two parts E' E<sup>2</sup>, of channel-iron, fitted to slide one on the other, with the ends E<sup>3</sup> E<sup>4</sup> formed to receive the trunnions of the roller F. (See

Fig. 8.) Bolts E<sup>5</sup> serve to fasten the parts E' and E<sup>2</sup> together after the same have been adjusted lengthwise to fit the length of the spring-roller F. The bolts E<sup>5</sup> extend through slots in the said parts E' E<sup>2</sup> and also engage transversely-extending slots D<sup>3</sup>, formed in the plate D, so that the support and frame are rigidly secured together after proper adjustment is made of the frame relative to the length of the curtain-roller F and the plate D is laterally adjusted relative to the position of the depending rod C.

On the sleeve D' is formed or secured a bearing or housing D<sup>4</sup> for a clamping-cam H, mounted to turn in the said bearing and adapted to engage with its cam-face H' the rod C, so as to clamp the same and hold the support in place on the rod, and consequently the curtain-frame E in the desired position in front of the window. One end H<sup>2</sup> of the cam H is provided with a spring I, secured on the bearing D<sup>4</sup> and serving to hold the cam-face H' normally in engagement with the rod C. The other end of the cam H is formed with a bent handle H<sup>3</sup>, extending in front of the bearing D<sup>4</sup> and adapted to abut against a projection D<sup>5</sup>, extending forwardly from the said bearing. The handle H<sup>3</sup> is connected with one end of an upwardly-extending cord J, passing around a pulley J', journaled in a bracket K, attached to the bracket end C' of the rod C. The downwardly-extending end of the cord J is adapted to be taken hold of by the operator, so as to exert a pull on the cord to impart an upward swinging motion to the arm H<sup>3</sup>, so as to turn the cam H in its bearing D<sup>4</sup> and move the cam-surface H' out of engagement with the rod C. When this is done, a further pull on the cord J will cause the entire support, frame E and roller F, with the curtain G, to be moved upward, and when it is desired to lower the devices referred to the operator by slightly slacking the cord J can cause the parts to descend until the desired position is reached. When this is done, the operator releases the free end of the cord J, so that the spring I instantly turns the cam H back to its clamping position, so that the cam-surface H' engages the rod C and securely locks the support in place to hold the frame E and curtain-roller F in the desired position.



It is understood that the projection D<sup>5</sup> limits the upward swinging motion of the arm H<sup>3</sup> when a pull is exerted on the cord J, so that the cam is out of engagement with the rod at the time the arm H<sup>3</sup> strikes and rests against the said projection D<sup>5</sup>.

It will be seen that the device is very simple and durable in construction, can be easily manipulated, and is not liable to get out of order. In order to prevent the sleeve D' from accidentally becoming detached from the rod C, we provide the lower end thereof with a knob C<sup>2</sup>, as shown in the drawings.

Having thus fully described our invention, we claim as new and desire to secure by Letters Patent—

1. The combination with the rod depending from the window-casing, of the support longitudinally adjustable thereon and provided with a horizontal plate formed with slots, an adjustable frame for the curtain-roller, and fastening devices holding said frame in adjusted position, and adjustably connecting said frame with said horizontal plate, as and for the purpose set forth.

2. The combination with the rod attached to the window-casing, and the support adjustable thereon, of the curtain-frame made in two curved and adjustable sections fitted to slide one upon the other and provided with coincident slots, and fastening devices in said slots and fastening said sections in adjusted position, the said devices adjustably attaching said curtain-frame to said support, substantially as shown and described.

3. The combination with the rod depending from the top of the window-casing, of the support adjustable thereon and provided with the horizontal plate formed with transverse slots, a frame for the curtain-roller, said frame being formed in sections fitted to slide one upon the other and provided with coincident slots, and bolts working in the slots of the horizontal plate and the frame-sections, whereby the sections are adjusted relative to their distance from the rod and held adjusted to fit various sizes of curtain-rollers, as and for the purpose set forth.

4. The combination with the rod depending from the window-casing, of the support, comprising a sleeve held to slide on said rod, a bearing or housing formed on said sleeve, a horizontally-extending plate carried by said sleeve, a clamping-arm journaled in said bearing and having an operating-handle attached thereto, and a spring encircling one end of said arm and serving to bring the same into

engagement with said rod, a frame for the curtain, said frame being formed in two sections fitted to slide one upon the other, and attaching devices adjustably connecting said sections together and adjustably connecting said frame with said horizontal plate, substantially as shown and described.

5. In a curtain-hanger, the combination of a rod having one end attached to the top of the window-casing and having its other end free, a support longitudinally adjustable on said rod and formed with a bearing or housing, a frame for the curtain-roller, said frame being adjustable for different lengths of rollers, bolts passing through said frame and holding the same adjusted, the said bolts being adjustably connected to said support, a cam-arm journaled in said housing and having its ends extending outside the same, a spring acting on one end of said arm to throw it into engagement with the rod, the other end of said arm being formed with a handle curved around to the front of said housing and by which the arm may be turned against the action of the spring, a bracket attached to the upper end of said rod, a pulley journaled in said bracket, and an operating-cord connected to said handle and passed around said pulley, as and for the purpose set forth.

6. A curtain-hanger, comprising a rod attached to the center of the window-casing and depending therefrom, a sleeve mounted to slide on said rod and carrying a horizontal plate D, a bearing or housing on said sleeve, a cam-arm journaled in said bearing, one of the ends of said arm extending without the bearing and provided with a coil-spring by which said arm is thrown into engagement with said rod, a handle connected with said arm and by which it is disengaged from said rod, a pulley journaled on the upper end of said rod, a cord attached to said handle and passing around said pulley, whereby said handle is elevated, a lug carried by said bearing and by which the upward movement of said handle is limited, and a frame formed in two channeled sections fitted to slide one upon the other and carrying the curtain-roller, said frame being connected with said horizontal plate, being adjustable to and from said rod, as and for the purpose set forth.

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