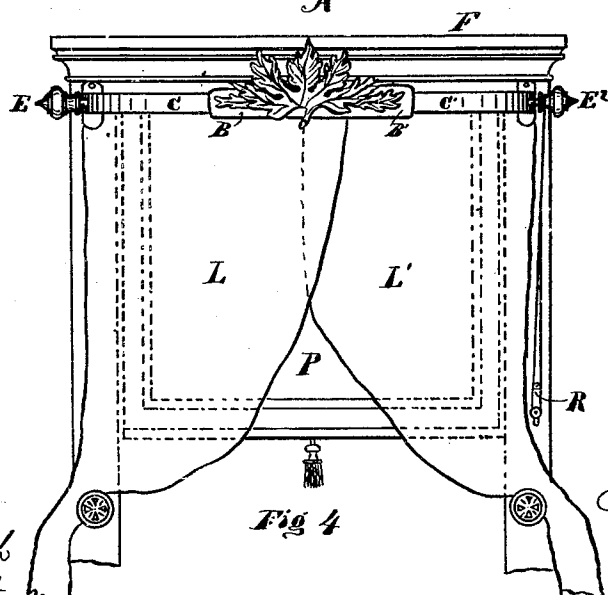
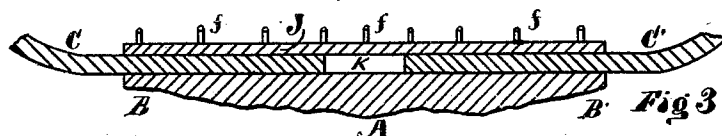
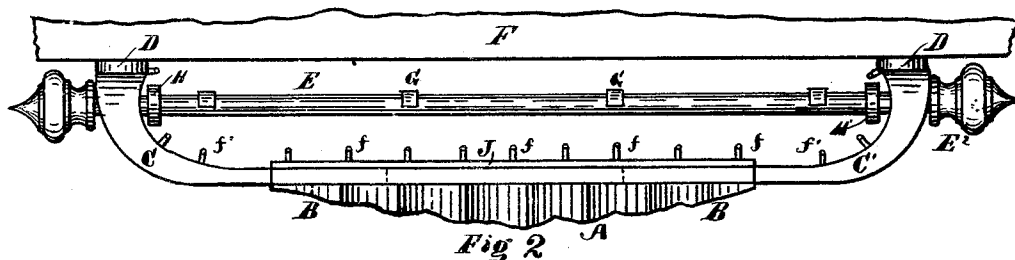
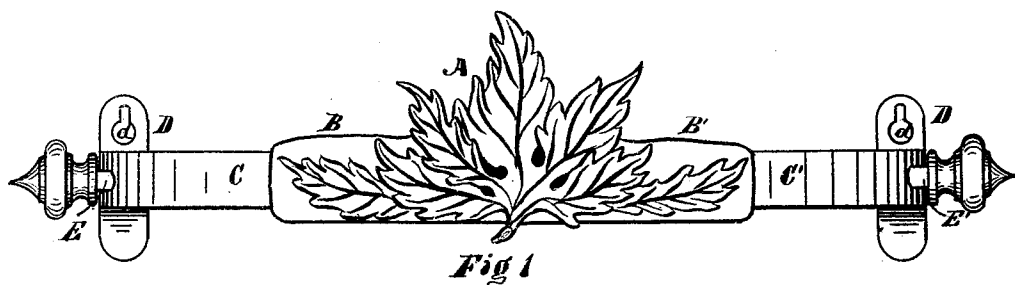


H. H. WINGER.

COMBINED CORNICES AND CURTAIN ROLLERS.

No. 183,095.

Patented Oct. 10, 1876.



Witnesses
 Cha. F. Randolph
 C. L. Whitney

Inventor
 Hans H. Winger
 Per C. H. Smith
 his Atty.

UNITED STATES PATENT OFFICE.

HANS H. WINGER, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN COMBINED CORNICE AND CURTAIN-ROLLER.

Specification forming part of Letters Patent No. **183,095**, dated October 10, 1876; application filed July 17, 1876.

To all whom it may concern:

Be it known that I, HANS H. WINGER, of Indianapolis, county of Marion, State of Indiana, have invented a new and useful Combination Curtain-Roller, Adjustable Brackets and Inside-Curtain Hanger, of which the following is a description, reference being had to the accompanying drawings.

The nature of my invention is to construct and arrange an extension device, on which are hung lace or other curtains and roller-curtains, to be attached to windows of any width; and my invention consists of a central section, in which the extension-brackets operate. The brackets are attached to the window-frame, and are provided with suitable bearings, in which the curtain-roller revolves, the extension-brackets and central section being each provided with hooks or other fastenings to support lace or other hanging curtains, in addition to the roller-curtain, as set forth in the annexed claims.

Figure 1 represents an enlarged front view of my improved adjustable curtain-roller, bracket, and hanger. Fig. 2 is a top view of the same. Fig. 3 is a sectional view of the adjustable brackets, showing the manner in which they operate in the center slide. Fig. 4 represents my improved device as attached to a window-frame, and shows the position of the inside hanging curtains, also the curtain on the roller.

A represents the central section of the bracket, and may be ornamented in any manner, and is provided with a groove, K, at the rear, which extends to each end B B', as shown in Fig. 3. At the rear of this groove the strip J is securely fastened, so as to allow the curved brackets C C' to slide freely therein. The ends of the curved brackets C C', that are hung to the window-frame, are formed with a foot or brace, D D', the upper ends of which have a round hole, d, with a slot extending upward, arranged to hook over the head of screws previously adjusted in the frame, and by means of the screws and the holes d of the brackets the whole device is supported. Through the brackets C C' are proper holes, in which are inserted the rollers E with ordinary arrangement for curtain-cords, to roll the curtain up, attached outside

of the brackets. On the roller E, inside of the brackets C C', are flexible washers H H', to hold the roller from working endwise; and the roller may be further furnished with metallic clips G G, under which the edge of the curtain may be adjusted previous to tacking the curtain to the roller. On the inside of the brackets C C', and on the inside strip J of the center section A, are a series of hooks, f f', on which lace or other curtains L can be readily hooked or removed. The brackets C C' have the ends that enter the center section A made straight, and can readily be adjusted out or in the section A to accommodate any width of window frame or curtain, and the roller E is free to slide in its holes in the brackets C C', as before described.

By this arrangement and combination of devices I am enabled to overcome all difficulties heretofore existing in regard to hanging or removing curtains, which will be appreciated by all persons who have been annoyed by the old methods.

What I claim as new, and wish to secure by Letters Patent, is—

1. The brackets C C', formed with the foot or brace D, provided with the key-hole slot d, and also provided with hooks f' to support inside curtains L, and having journal bearings or holes to allow the roller E to operate in, as set forth and described.

2. The center section A, provided with groove K and hooks f, in the manner and for the purposes specified and set forth.

3. In combination, the roller E, clips G, flexible washers H, and hangers C C', adapted to be operated in the manner and for the purposes set forth and described.

4. As a new article of manufacture, a device for supporting curtains, consisting of the roller E, adjustable brackets C C', and center section A, arranged to operate substantially as and for the purposes specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HANS H. WINGER.

Witnesses:

E. O. FRINK,
IRA F. RANDOLPH.