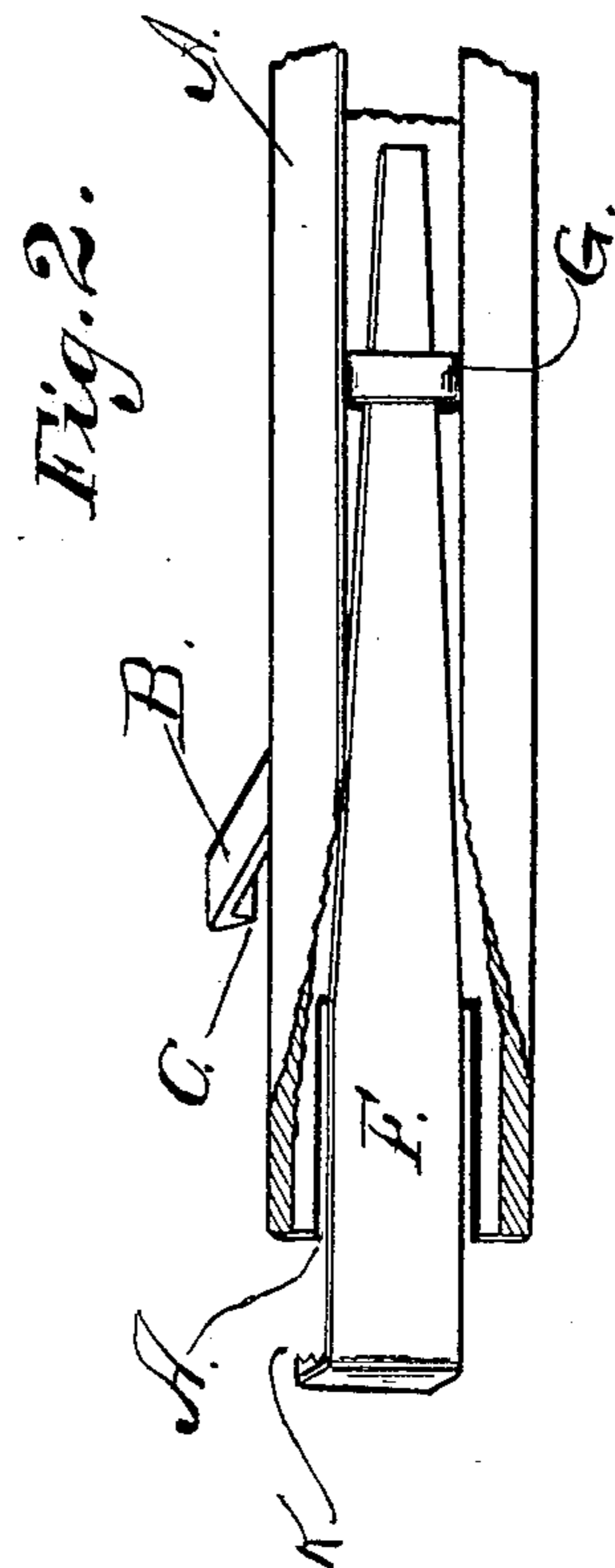
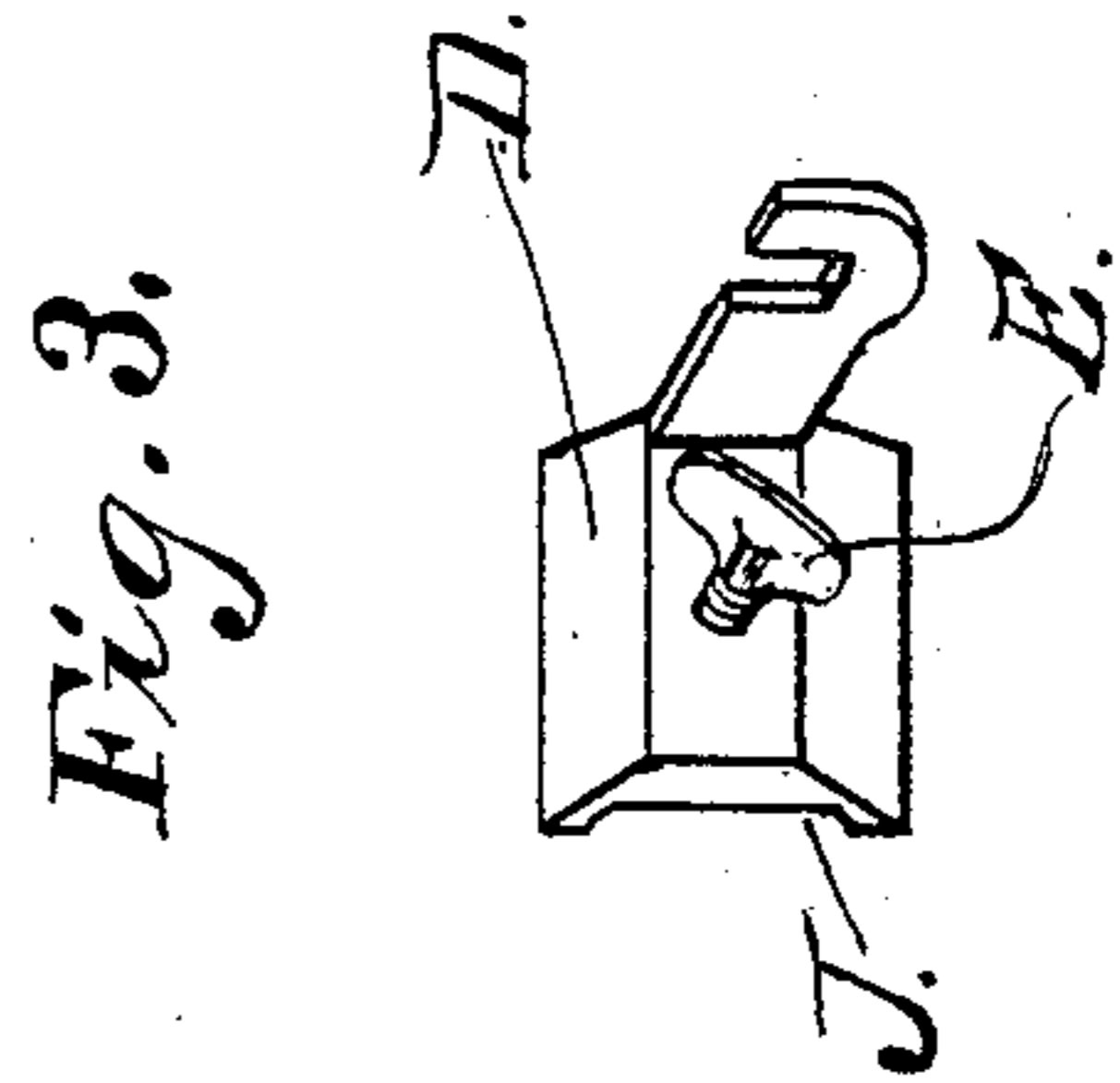
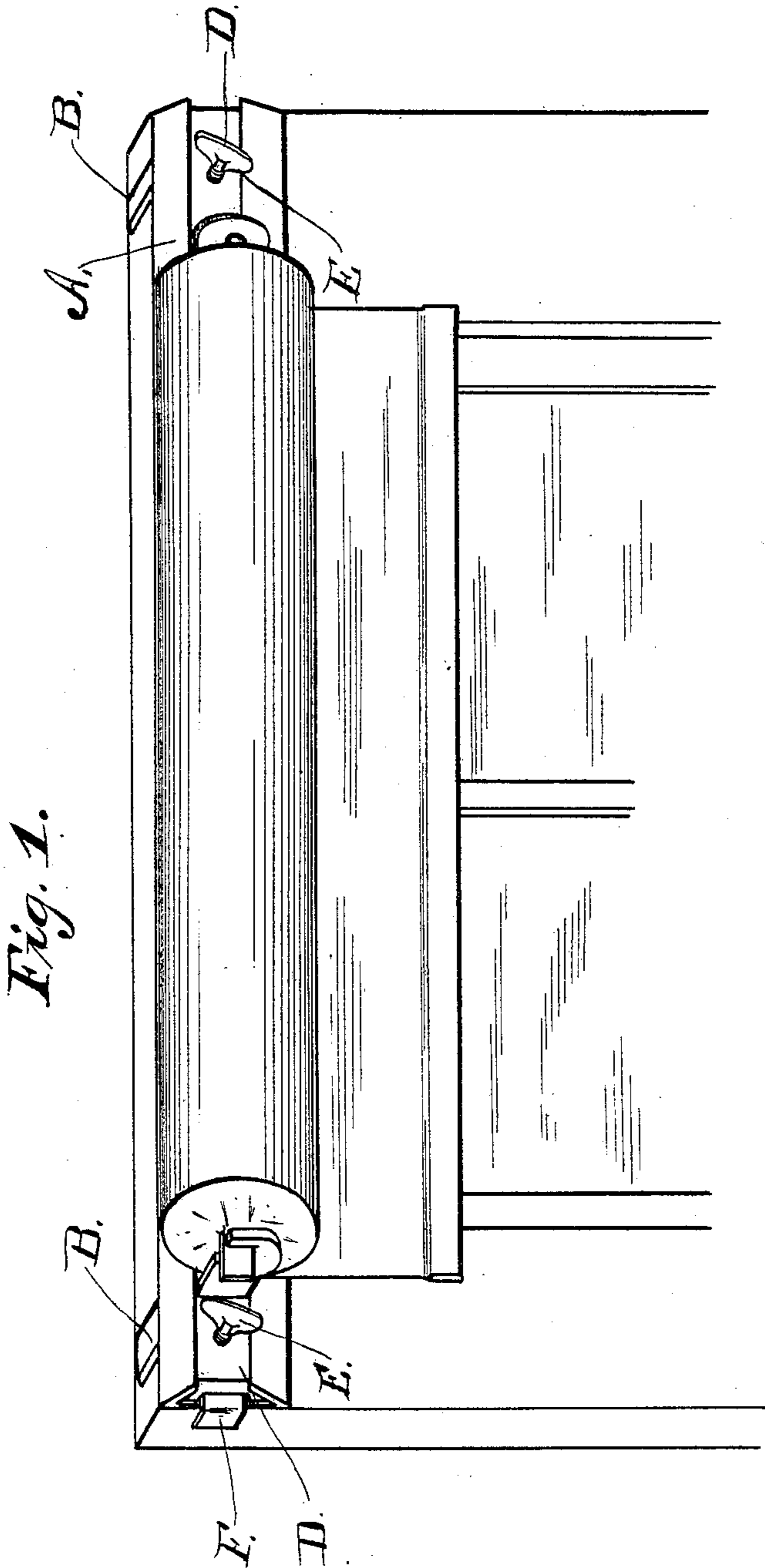


(No Model.)

E. E. KEENAN & J. EDEN.
CURTAIN HANGER.

No. 537,980.

Patented Apr. 23, 1895.



Witnesses.
J. P. Palmer
P. E. Olney

Inventors.
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UNITED STATES PATENT OFFICE.

ELLSWORTH E. KEENAN AND JOHN EDEN, OF ATTLEBOROUGH,
MASSACHUSETTS.

CURTAIN-HANGER.

SPECIFICATION forming part of Letters Patent No. 537,980, dated April 23, 1895.

Application filed December 15, 1894. Serial No. 531,912. (No model.)

To all whom it may concern:

Be it known that we, ELLSWORTH E. KEENAN and JOHN EDEN, citizens of the United States, residing at Attleborough, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Curtain-Hangers; and we do hereby 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.

Our invention relates to improvements in curtain hangers composed of a supporting bar with adjustable parts; and the object of our improvements is to provide an inexpensive curtain hanger which may be readily attached and detached to any window frame without screws or nails and may also be adjusted to accommodate itself to shade rolls of any length. We attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of hanger attached to window frame or casing, showing shade roll in place. Fig. 2 shows one end of the supporting bar, with the flanges broken away, and one of the extension end pieces in place. Fig. 3 shows the adjustable brackets or fixtures which slide in the grooved bar over the extension end pieces.

Similar letters refer to similar parts throughout the several views.

The bar A, which extends across the front of the window frame may be made of any suitable material, such as sheet metal, wood, compressed paper and the like; and has its edges turned over in such a manner as to form a dovetail groove throughout its length. Fixed to both ends and projecting backward from the upper edge of the bar, are angled pieces B. B. with their outer ends turned down and sharpened (at C. Fig. 2) that they may be readily driven into the top of the window casing, thereby forming a means for holding the hanger. The ends of the bar are slotted or cut out at H. to allow a greater range of adjustment to the extension piece F. The beveled edged brackets or fixtures D. D. by being made to slide in the grooved bar A. and held in place by the thumb-screw E. may be adjusted to take in shade rolls of any length.

The extension end pieces F. F. are made of sheet metal, one end of each being bent over and back in such a manner as to bring the sharpened end K inward toward the side of the window casing (as shown in Fig. 2) and may be readily driven in, thereby forming another means of holding the hangers in place, while the opposite ends of the extension pieces are passed through the straps or bands G. there being one at each end in bar A. for the purpose of holding them in place; and as the range of motion is increased by the slots H. they may be readily adjusted and fastened to a window frame of any width.

When the bracket D. which is cut out at J. to allow it to slide in the grooved bar A. over the top of the extension piece F. and the thumb-screw E. is tightened down, it binds the whole mechanism together, holding all of the sliding parts firmly in place.

What we claim, and desire to secure by Letters Patent, is—

1. A curtain hanger composed of a bar or beam with a dove-tailed groove, and adjustable end pieces which slide therein, with their outer ends sharpened and bent back in form of a hook, and fixtures or brackets which slide in said groove, all being held in place by suitable screws substantially as set forth.

2. A curtain hanger composed of a bar or beam with its outer edges bent over forming a dove-tailed groove throughout its length, and the supporting pieces B, B, fixed in each end, extending backward from the upper edge, with their ends sharpened and turned down at right angles, and adjustable end pieces with their outer ends sharpened and bent over and back in the form of a hook, and fixtures or brackets which slide in said groove, all being held in place by suitable screws, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

ELLSWORTH E. KEENAN.
JOHN EDEN.

Witnesses:

WILLIAM P. BOYCE,
B. THOMAS POTTER.