

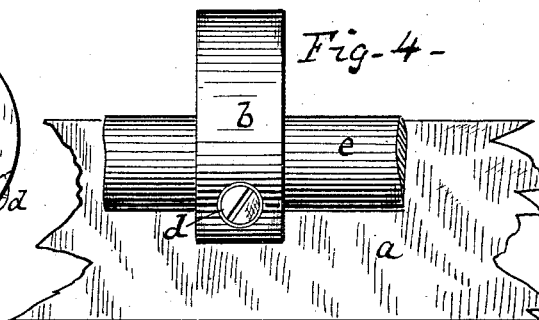
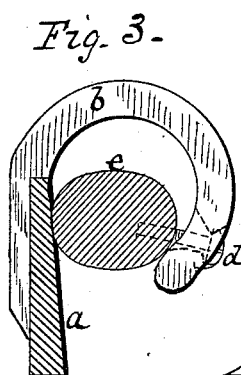
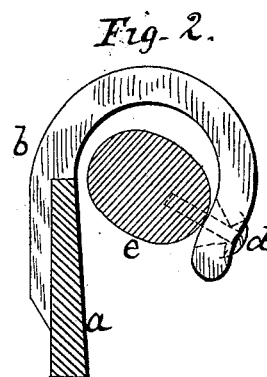
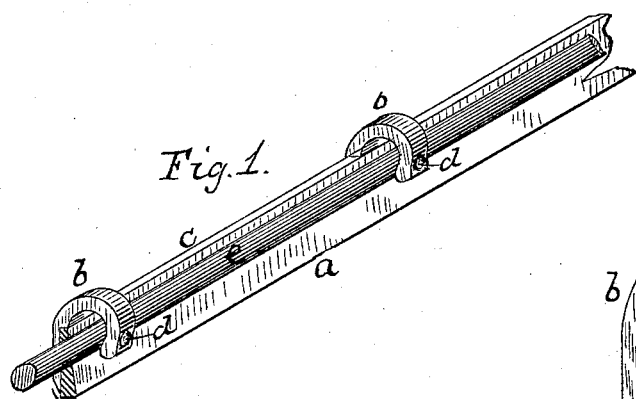
(No Model.)

T. T. DUNN.

DEVICE FOR HANGING WINDOW CURTAINS.

No. 306,009.

Patented Sept. 30, 1884.



Witnesses:  
Joseph H. Ellis  
R. R. Lowry

Inventor.  
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# UNITED STATES PATENT OFFICE.

THOMAS T. DUNN, OF ALLEGHENY CITY, PENNSYLVANIA, ASSIGNOR OF  
ONE-HALF TO ROBERT A. DUNN, OF SAME PLACE.

## DEVICE FOR HANGING WINDOW-CURTAINS.

SPECIFICATION forming part of Letters Patent No. 306,009, dated September 30, 1884.

Application filed February 27, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS T. DUNN, a citizen of the United States, and a resident of Allegheny City, in the county of Allegheny and State of Pennsylvania, have invented a new and Improved Device for Hanging or Suspending Window Curtains, Shades, or Awnings, of which the following is a specification.

The nature of my invention consists in the hereinafter-described mechanical contrivance whereby window curtains or shades may be firmly and securely clamped, supported, and suspended along and by their entire upper edge without the use of nails, tacks, or screws, or any mutilation of the curtain, and in such a manner as admits of easy and speedy arrangement or displacement. The means I employ and the mechanical structure of the same will be readily understood from the following description, taken in connection with the accompanying drawings, wherein—

Figure 1 represents a perspective view of my window-shade clamp, exhibiting all its essential parts; Fig. 2, an enlarged end view of said clamp when open or in position to receive a curtain; Fig. 3, a similar end view, showing the clamp when closed; Fig. 4, a front view of a small portion of the device.

To construct a window-shade suspension-clamp in accordance with my invention, and put the same in practice, I prepare a flat wooden bar or strip, *a*, of suitable length, breadth, and thickness, and thin the same gradually from one edge toward and to the other, whereby the bar or strip is made cuneiform in transverse section. At regular intervals or equidistant points of separation, and along one side of said wooden bar *a*, I rigidly affix or make fast thereto a number of stiff metallic bows or inverted hooks, *b*, so arranged with relation to the bar as to extend up and over its thinnest edge *c*, and project outwardly and downwardly on the opposite side thereof. Shown in dotted lines through the projecting end of each inverted hook *b* is a taper-

ing hole or slot, wherein is arranged a screw, *d*, that connects and loosely hinges its appropriate hook with a long rounded rod, *e*, extending through the bend of all the hooks in a line parallel with the wooden bar *a*, to which they are affixed, and so that the rod, when not prevented, will, by reason of its weight, fall into the mouths of the several hooks, and acting as a cam press tightly against the plain and approximate face of the wooden bar *a* its entire length. Now if the free or movable side of the pivoted rod *e* be sufficiently raised and the upper edge of a window curtain or shade be thrust in between the hinged rod *e* and its supporting-bar *a* on a downward pull, the said curtain or shade will be caught between the two converging surfaces and held fast in a vise-like grip the entire length of its top edge, the friction of the curtain and its weight coupled with that of the movable rod being for ordinary purposes sufficient to insure its proper suspension and support. When a removal of the curtain from its clamp becomes necessary, either for change, repair, or otherwise, the same may be readily accomplished by simply raising the free side of the rod *e* slightly or to such an extent as will liberate the curtain, when it may be easily withdrawn or adjusted, as the circumstances of the case require.

Having thus described my invention, and its mode of construction, I claim—

A new and improved clamp for the suspension of window curtains, shades, and the like, consisting of a movable gravity-rod, *e*, hinged or pivoted to a series of inverted hooks, *b*, arranged and affixed at intervals or separate points along and to a properly-shaped supporting-bar *a*, substantially in the manner shown and set forth.

THOMAS T. DUNN.

Witnesses:

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