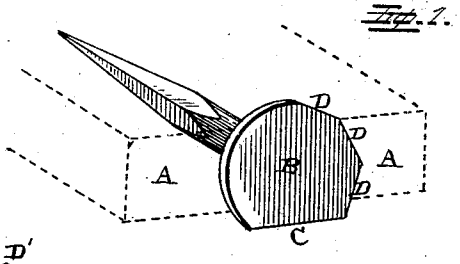
(No Model.)

C. M. YOUNG.

SUPPORT FOR INSIDE WINDOW BLINDS.

No. 257,125. Patented Apr. 25, 1882.

Fig. 1.



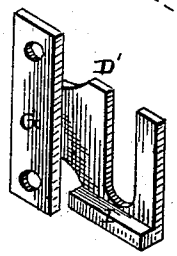
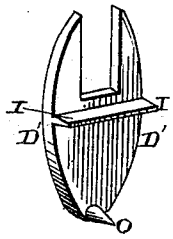


Fig. 2.



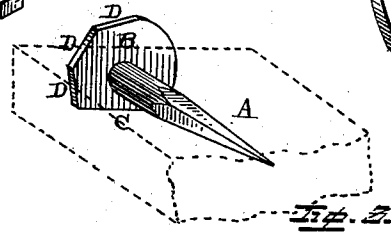
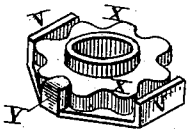


Fig. 3.



Witnesses.
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UNITED STATES PATENT OFFICE.

CHARLES M. YOUNG, OF LOCKPORT, NEW YORK.

SUPPORT FOR INSIDE WINDOW-BLINDS.

SPECIFICATION forming part of Letters Patent No. 257,125, dated April 25, 1882.

Application filed February 21, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHAS. M. YOUNG, of Lockport, in the county of Niagara and State of New York, have invented certain new and useful Improvements in Inside Window-Blinds; and I 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in inside window-blinds; and it consists in the combination of a headed bolt or casting which is driven into the end of the top slat of the blind, and which has its sides or edges cut away so as to form inclines, with a suitable support, upon or in which the head is made to catch, as will be more fully described hereinafter.

The object of my invention is to provide a cheap and simple device which can be applied to one end of the top slat of the blind, and which will serve to hold the slats in any desired position, and thereby dispense with the usual complicated devices heretofore used for this purpose.

Figure 1 is a perspective of the flat-headed bolt or casting ready to be applied to one form of support. Fig. 2 is a perspective of the bolt and another form of support which is to be applied to the casing. Fig. 3 is a perspective of a notched wheel which may be used in place of the flat-headed bolt, and which is applied to a support which is made specially for it.

A represents the top slat of the blind, into one end of which is driven the angular-pointed end of the flat-headed bolt or casting B. This bolt, which need only be applied to one end of the slat, has one of its sides, C, cut away to a suitable extent, as shown, so as to form a wide bearing upon the support, and thus retain the blinds in a certain position without the least danger of their being accidentally moved. Adjoining this cut-away edge C there are also a number of straight bearings, D, which also form bearings upon the support, but which, being much shorter, allow the blind to be changed from one of the positions into which it has been adjusted much more readily than when the slat has been turned so that the wide edge C is brought into play.

The support or bearing D′ is notched at its top, so that the head of the bolt or adjusting device can be passed down inside of it so as to rest upon the top of the horizontal flange I. Upon the lower end of this casting is made a sharp projection, O, which is longer than the flange is wide, so that when the support is screwed to the inside of the window-casing this sharp point will be forced into the wood far enough to prevent the support from turning around. A single screw is used to fasten this support in place, and this screw will force the sharp point into the wood of the window-frame until the flange bears solidly against the frame. A small pulley or any other device may be applied to either this same end of the top slat, to which this flat-headed bolt is secured, or to the opposite end, to which any suitable supporting device will be attached, and to this pulley will be attached the operating cord or cords. A slight pull upon this cord will cause the top slat to turn so as to bring any one of the cut-away edges of the head of the bolt to bear upon the flange upon the support, and these cut-away edges will serve to hold the slats in any position into which they may be adjusted.

The long bearing C may be arranged in such relation to the end of the slat that it may be made to hold the blinds open or closed, or partially closed, as may be desired. When any other position is desired for the slats, but a very slight pull upon the cord will be sufficient to turn the slat so that one of the cut-away sides D will be brought into play.

In Fig. 2 a different form of support is shown. Instead of having a sharp point, O, to be forced into the wood-work, there is a flat plate, G, which bears solidly against the side of the frame, and has a screw passed through each end. The flange I bears against the frame and keeps the notched part just sufficiently far from the side of the frame to allow plenty of room for the head of the bolt to turn freely around without binding against the side of the frame.

In Fig. 3 is shown a modification of my invention. Instead of using the headed bolt, the wheel X is applied directly to the end of the top slat, A. Instead of having angular edges, this wheel has a series of notches made in its edges, each one of which notches forms a bear-

ing for the slat in the same manner as the cut-away edges D. The frame V, upon which this wheel X is supported, has flanges on its sides to prevent the wheel from moving laterally, and has the projection Y at its lower end to catch in the different recesses in the wheel. By exerting a pull upon the top slat the slat will turn and cause the wheel X to turn with it, the projection Y catching alternately first in one recess and then the other, until the slat has been turned into the desired position, where it will be held by the recess which is last made to catch over the projection Y.

These supporting devices and bolts differ but slightly in form, while in operation they are exactly the same. A slight pull upon the operating-cord will cause the top slat to incline in one direction or the other, and the headed bolt or casting will hold it in that position by catching upon the top of the flange or projection.

Having thus described my invention, I claim—

1. The combination of the top slat of an inside window-blind with a headed bolt or casting and a suitable support, upon which the headed bolt or casting catches, the casting or bolt being provided with a number of bearings, substantially as shown.

2. The combination of the top slat of a window-blind with a headed bolt having the cut-away edges C D and a support provided with a flange, upon which the cut-away edges are adjusted, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES M. YOUNG.

Witnesses:
V. V. DOUGLAS,
CHAS. A. YOUNG.