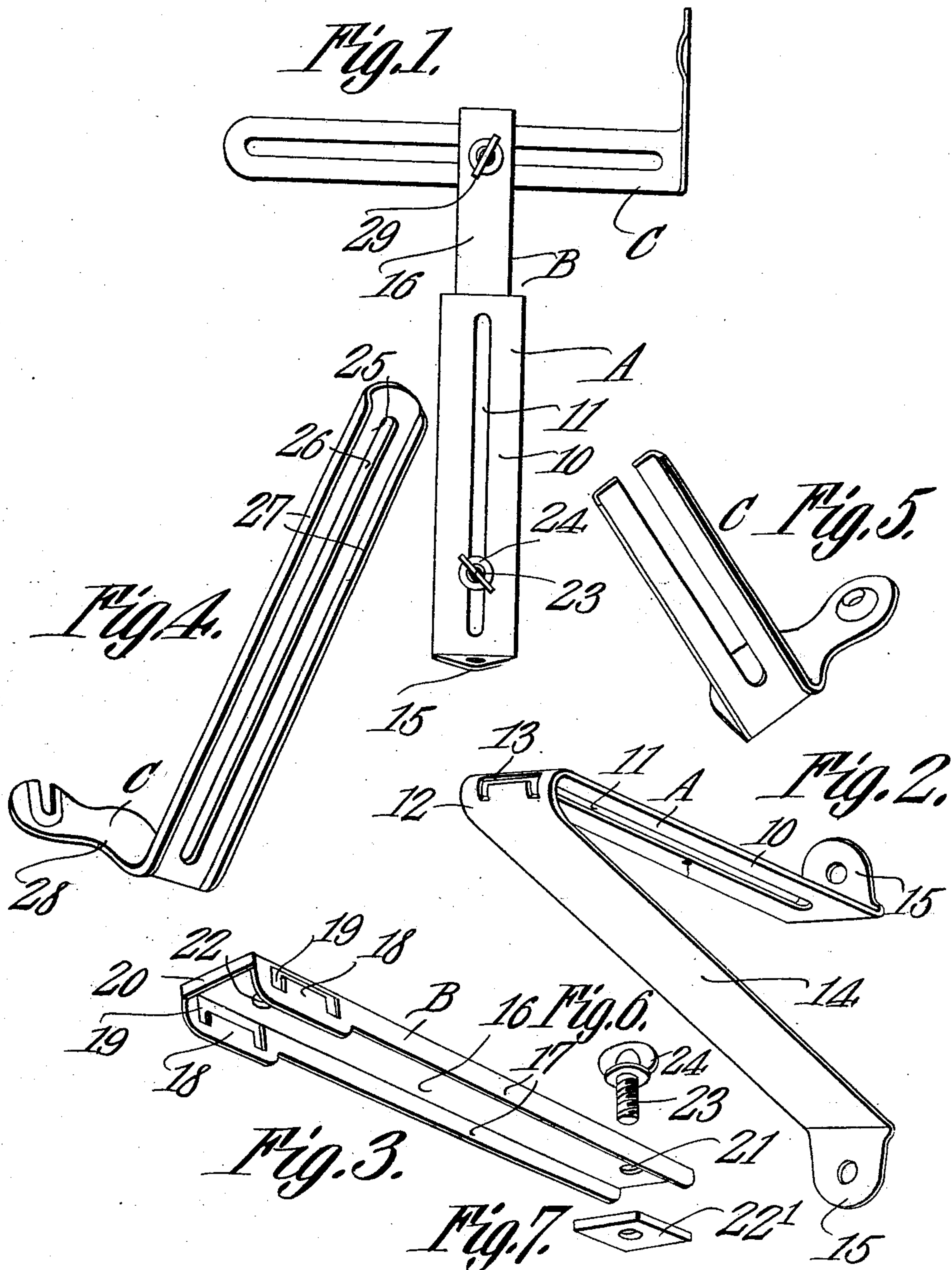


N. FLEISCHAKER.
ADJUSTABLE WINDOW SHADE SUPPORT.
APPLICATION FILED JULY 16, 1908.

910,657.

Patented Jan. 26, 1909.



Witnesses

E. J. H. H. H.
W. H. H.

Inventor

Nathan Fleischaker.

By

C. A. Snow & Co.
Attorneys

UNITED STATES PATENT OFFICE.

NATHAN FLEISCHAKER, OF JOPLIN, MISSOURI.

ADJUSTABLE WINDOW-SHADE SUPPORT.

No. 910,657.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, NATHAN FLEISCHAKER, a citizen of the United States, residing at Joplin, in the county of Jasper and State of Missouri, have invented a new and useful Adjustable Window-Shade Support, of which the following is a specification.

This invention relates to window shade supports and more especially to the adjustable type.

The principal object of the invention is to provide a support of the character described, adapted to be attached to the top rail of the upper sash of a window.

Another object of the invention is to provide a support of the character described which is adapted to project over the face of the window casing, so that a window shade of greater length than the window may be supported therein.

With the above and other objects in view, the invention consists in certain novel arrangements of details and combinations of parts hereinafter fully described, illustrated in the accompanying drawings, and specifically set forth in the claims.

In the accompanying drawings, like characters of reference indicate like parts in the several views, and:—Figure 1 is a top plan view of a support constructed in accordance with this invention. Fig. 2 is a perspective view of the brackets used with this support. Fig. 3 is a perspective view of the channel bar which forms an elongation of the bracket shown in Fig. 2. Fig. 4 is a perspective view of the transverse channel bar, showing one of the shade roller supporting ends. Fig. 5 is a detailed perspective of the end of the opposite transverse channel bar. Fig. 6 is a detailed perspective of one of the thumb screws. Fig. 7 is a detailed perspective of one of the washers, the parts shown in Figs. 3, 6 and 7, being in their relative positions but disassembled.

The reference character "A" indicates the bracket used with this device. "B" indicates the extension channel bar for such bracket, and "C" the transverse channel bars.

The bracket "A" comprises a horizontal member 10, provided with a longitudinal slot, 11. This horizontal portion is downwardly bent at its outer end as indicated at 12, and is at this point provided with a channel-shaped perforation, 13, the flanges of the channel being turned downward and the web

portion lying with its back immediately below the plane of the horizontal member. This bracket is provided with an integrally formed diagonally disposed brace member, 14, and perforated ears 15, are formed on the horizontal and brace members, for the purpose of attaching the bracket to a window.

The extension channel bar "B" is provided with a web, 16, and a pair of flanges, 17, adapted to closely fit within the channel opening at 13. The flanges 17, are enlarged at the outer end, as indicated at 18, and in these enlarged portions is provided a pair of oppositely disposed channel slots or perforations 19. In order to strengthen these enlarged flanges, the end of the web is bent down as shown at 20, and may, if desired, be brazed to the flanges 18. The channel slot 19 is so arranged that the back of the web portion is co-terminous with the under side of the web 16, of the extension channel bar "B." The web 16 is provided at its inner end with an aperture 21, and at its outer end with a similar aperture 22. A nut 22' is held in the channel bar, the aperture of the nut alining with the aperture 21, and the sides of the nut contacting with the flanges of the channel bar, thereby preventing the rotation of said nut. A butterfly bolt or thumb-screw, 23, is arranged to pass through the slot 11, aperture 21, and into the nut 22'. This thumb-screw is provided with a collar 24, of greater diameter than the width of the slot 11.

It will be obvious that, by tightening the thumb-screw 23, the extension channel bar "B" will be held in any desired position relative to the bracket "A," and that by loosening said thumb-screw the position may be adjusted as necessity requires.

The channel bar "C" is provided with a web 25, having a longitudinal slot, 26, and flanges 27. These flanges are preferably of uniform depth throughout their length, and the flanges and web are so arranged as to closely fit within the channel opening or perforations 19. The outer end of each of the extension bars is turned up to form a shade roller support 28. These supports are preferably made of the usual form of what are known as shade roller brackets. This transverse channel bar "C" is held in adjusted position by means of a thumb-screw 29, and nuts of similar shape to the nut 22' not deemed necessary here to be shown. This thumb-screw passes downward through the

opening 22, the slot 26, and into the nut just described.

All of the parts above referred to, with the exception of the two thumb-screws, are preferably made of stamped or pressed sheet metal.

There has thus been provided a simple and efficient device of the character described, and for the purpose specified. It will be noted that when the bracket "A" is attached to the top sash of a window, the extension bar "B" may be so positioned as to bring the end having the flanges 18 thereon at a sufficient distance from the window itself to project beyond the face of the window casing. The bars "C" can then be adjusted at the proper distance apart to receive a shade roller of greater length than the width of the window.

Having thus described the invention, what is claimed as new, is:—

1. In a shade support, a bracket adapted for attachment to a window-sash, comprising a horizontal member downwardly bent at its outer end and provided with a slot having right angular extensions, and an integrally formed inwardly disposed brace member, an extension channel-bar slidably mounted in the slot, with its flanges working in the extension of the slot, means at the outer end of the said channel bar for the attachment of one end of a window-shade roller, the said horizontal member being provided with a longitudinally extending slot, the extension channel bar being formed with an opening, a screw engaged through the slot in the said horizontal member and the opening in the

channel bar, and a nut threaded upon the screw and confined between the flanges of the said channel bar.

2. In a shade support, a bracket adapted for attachment to a window sash comprising a longitudinally slotted horizontal member downwardly bent at its outer end and provided with a channel shaped perforation, and an integrally formed diagonally disposed brace member, an extension channel bar arranged to closely fit said perforation and lie against the under side of said horizontal member, said channel bar being provided with a bolt hole at the inner end and a similar bolt hole at the outer end, extension flanges formed on the outer end of the channel bar, each provided with a perforation similar in shape to that of the bracket and oppositely disposed, a second longitudinally slotted channel bar mounted in said last mentioned perforations for movement transverse of the first channel bar, an ear on one end of said bar provided with roller supporting means, nuts held in said channel bar between the flanges thereof and prevented from rotation thereby, and both extending through the slot and bolt holes in the bracket and channel bars to lock said parts in adjusted relation.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

NATHAN FLEISCHAKER.

Witnesses:

C. S. WALDEN,
A. T. BLACKWELL.