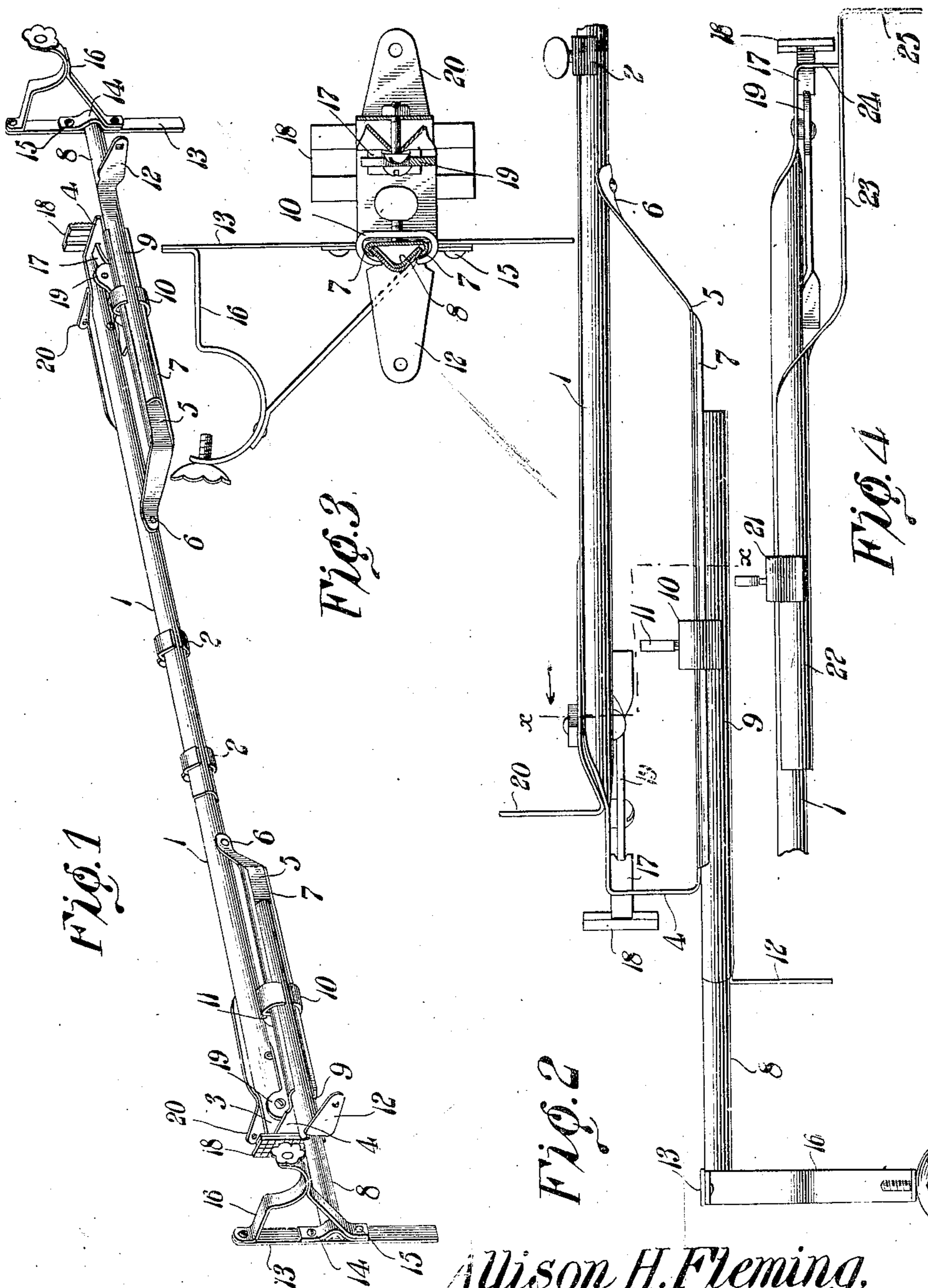


No. 862,463.

PATENTED AUG. 6, 1907.

A. H. FLEMING.
SHADE ROLLER BRACKET.
APPLICATION FILED APR. 27, 1907.



WITNESSES:

E. J. H. H. H.
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UNITED STATES PATENT OFFICE.

ALLISON H. FLEMING, OF FAIRMONT, WEST VIRGINIA.

SHADE-ROLLER BRACKET.

No. 362,463.

Specification of Letters Patent.

Patented Aug. 6, 1907.

Application filed April 27, 1907. Serial No. 370,663.

To all whom it may concern:

Be it known that I, ALLISON HOWARD FLEMING, a citizen of the United States, residing at Fairmont, in the county of Marion and State of West Virginia, have invented a new and useful Shade-Roller Bracket, of which the following is a specification.

This invention relates to shade roller brackets and is more particularly an improvement upon the device described and claimed by me in an application filed in the United States Patent Office on March 28, 1907, Serial No. 365,087.

The object of the invention is to provide simple and efficient means whereby the shade roller brackets and the curtain pole brackets can be firmly and securely held in adjusted position, the parts being so positioned that they will not mar the body of the device as a result of their movement during adjustment.

Another object is to simplify and strengthen the bracket and to provide simple means for fastening the curtain pole bracket to each end of the device.

Another object is to provide clamping means designed to secure the roller and pole brackets in place, said means being shiftable to any desired position in relation to the brackets.

With these and other objects in view the invention consists of certain novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is a perspective view of a bracket embodying the present improvements; Fig. 2 is a plan view of one end portion thereof; Fig. 3 is a section on line $x-x$, Fig. 2; and Fig. 4 is a plan view of one end of a modified form of device.

Referring to the figures by characters of reference, 1, I designate two similar members constituting an extensible rod A and each of these members is preferably formed of metal substantially V-shaped in cross section. As both of the members and the parts connected thereto are of the same construction it is deemed necessary to describe only one of them, it being of course understood that the two members are designed to be secured in any position to which they may be adjusted by means of clamping members 2 which partly surround the lapping portions of the two members and are disposed to be fastened in place by set screws or in any other preferred manner.

The outer end of each member 1 is flattened as indicated at 3 and bent upward at right angles to form a spacing portion 4. Said end is then extended parallel with the member 1 to form a base 5 the end of which is inclined backward against the member 1 at 6 and riveted or otherwise secured to said member. Base 5 is formed with flanges 7 along the side edges thereof and said flanges converge to form a dove-tail groove. Mount-

ed within this groove is a slidable member 8 substantially V-shaped in section and which is straddled by another member 9 similarly shaped in cross section. The edges of the two members are designed to be overlapped by the flanges 7 so as to permit only longitudinal movement of said members. A clamping member 10 extends across the back face of base 5 and the ends thereof lap the members 8 and 9 and are designed to be drawn tightly thereagainst by a set screw 11. The outer end of the member 9 is flattened and extended forwardly at right angles as shown at 12 to constitute a bracket for a shade roller. The outer end of the member 8, however, is clamped upon a cross strip 13 by means of a binding plate 14 which is held in place upon the cross strip by means of screws 15 or other suitable devices. One of these screws also serves to secure in place one end of a bracket 16 for supporting a curtain pole, the other end of said bracket being secured to the cross strip 13 in any preferred manner.

The spacing portion 4 has openings therein through which extend bowed arms 17 extending from one face of a clamping shoe 18. These arms are designed to be engaged and actuated by a cam 19 and have been fully described and claimed in my application hereinbefore mentioned. An arm 20 is also adjustably mounted upon the channeled face of the member 1 and likewise constitutes a part of my co-pending application heretofore mentioned.

As heretofore stated the present invention relates to the particular construction and arrangement of the adjustable members 8 and 9 and the means for connecting the curtain pole bracket to the member 8. By forming the two members 8 and 9 of metal strips channeled longitudinally they are rendered sufficiently strong to prevent bending and as the member 8 nests within the member 9 both of said members can be clamped in place by a single securing device such as indicated at 10. The flanges 7 constitute efficient means for preventing sagging of the parts and it becomes impossible to disconnect them except by withdrawing them longitudinally from between the flanges. Moreover, as these members do not contact with the exposed portion of the member 1 said member will not be scratched or otherwise marred by the adjustment of the device. Importance is attached to the means employed for fastening the pole bracket to the member 8 because said bracket can, as a result thereof, be readily connected to or detached from the member 8 and thereby permit the entire device to be stored in a small compass. The storage of the device is also facilitated by providing members 8 and 9 which can be quickly detached from the base 5 by moving them longitudinally thereon. In some instances it may be undesirable to utilize the base 5 and its inclined portion 7 because of lack of space. In this event the construction of the device may be slightly modified as shown in Fig. 4. Instead of mount-

ing either the member 8 or the member 9 as shown in Figs. 1, 2 and 3, it can be placed directly on member 1 and fastened thereto by means of a clamp 21 similar to the clamp 2. The member 22 which rests upon the member 1 has a flattened end portion 23 which is slidably mounted upon the outstanding portion 24 and carries a bracket 25 which may be designed either to support a curtain roller or a pole.

What is claimed is:

10 1. In a device of the character described a member having a folded end portion constituting a flat base and spacing portions, said base having longitudinally extending retaining flanges, slidably engaging nesting members lapped by said flanges, means partly surrounding the base and the nesting members for clamping them against movement, and brackets extending from the nesting members.

15 2. In a device of the character described a member having a folded end portion constituting a flat base, said base having longitudinally extending inclined retaining flanges, slidably engaging nesting members interposed between and lapped by the flanges, said members being angular in cross section, means for binding the members together and upon the base to hold them against movement, and a bracket carried by each member.

3. In a device of the character described a member having a folded end portion constituting a flat base, said base having longitudinal retaining flanges overhanging the base, a member interposed between and lapped by the flanges, said member being angular in cross section and slidably longitudinally upon the base, means for clamping said member upon the base, a cross strip, a bracket extending therefrom, and a clamping plate for binding said member upon the cross strip.

4. In a device of the character described a member angular in cross section, a slidable member movably carried by the first mentioned member and of the same cross sectional contour, an outstanding bracket at one end of the slidable member, a clamping device for securing said slidable member in adjusted position, an apertured portion extending at right angles from the first mentioned member, and means slidably mounted within the apertured portion for engaging a supporting structure, said means being movable in the direction of the length of the members.

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

ALLISON H. FLEMING.

Witnesses:

C. E. DOYLE,

FRANK S. APPLEMAN.