

C. McDONNER.
CURTAIN HANGER.
APPLICATION FILED APR. 27, 1904.

Fig. 1.

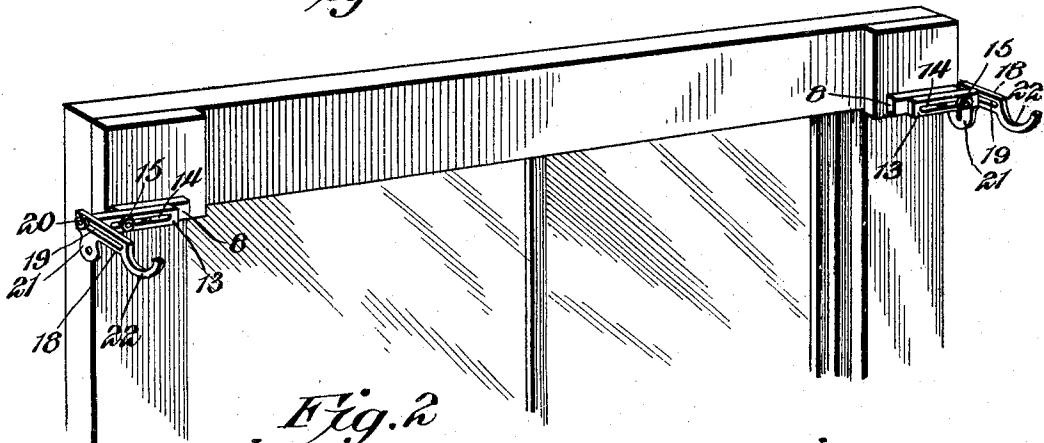


Fig. 2.

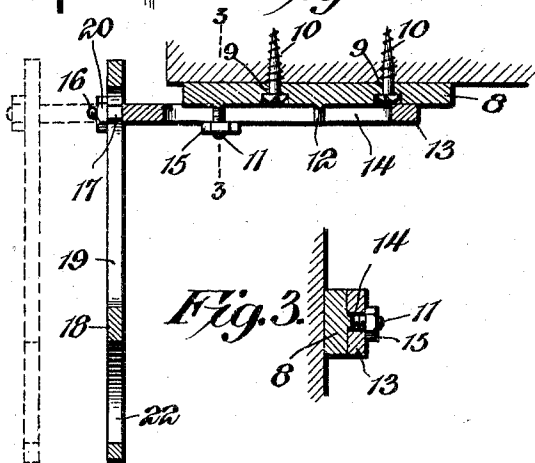


Fig. 3.

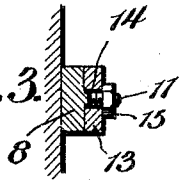


Fig. 4.

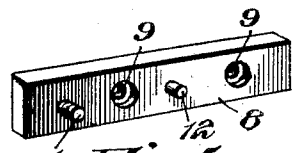


Fig. 5.

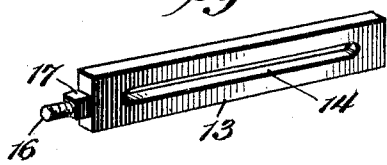


Fig. 7.

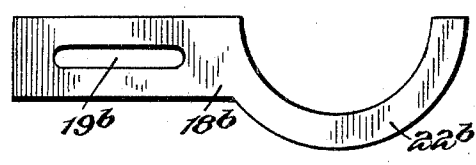
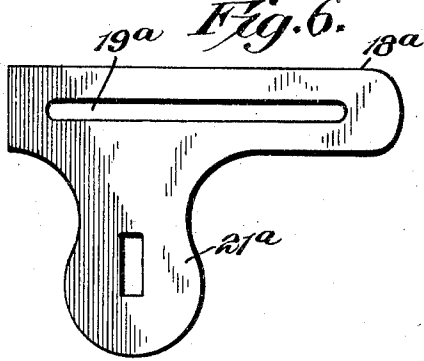


Fig. 6.



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UNITED STATES PATENT OFFICE.

CHARLEY McDONNER, OF WAUSAUKEE, WISCONSIN, ASSIGNOR TO ALBERT E. MONTGOMERY AND JEROME R. McLAIN, OF MARINETTE, WISCONSIN.

CURTAIN-HANGER.

SPECIFICATION forming part of Letters Patent No. 788,550, dated May 2, 1905.

Application filed April 27, 1904. Serial No. 205,219.

To all whom it may concern:

Be it known that I, CHARLEY McDONNER, a citizen of the United States, residing at Wausaukee, in the county of Marinette and State of Wisconsin, have invented a new and useful Curtain-Hanger, of which the following is a specification.

This invention relates to means for supporting curtains, portières, and the like from window and door frames; and the object is to provide a novel and very simple article of manufacture which may be cheaply made, readily placed in position by a novice, and a device that can be easily adjusted to suit the conditions of use desired.

Another object is to provide a structure of this character wherein the elements of each set are, with only minor exceptions, duplicates, so that they may be readily interchanged or reversed.

The preferred form of construction is shown in the accompanying drawings, wherein—

Figure 1 is a perspective view of the upper portion of the window-frame, showing a set of the hangers applied thereto. Fig. 2 is a horizontal sectional view, on an enlarged scale, through a portion of said frame and one of the hangers. Fig. 3 is a cross-sectional view on the line 3 3 of Fig. 2. Fig. 4 is a detail perspective view of the base-block. Fig. 5 is a similar view of the carrier-strip. Figs. 6 and 7 are side elevations of slightly-modified forms of hanger members or plates.

Similar reference-numerals indicate corresponding parts in all the figures of the drawings.

As the hanger members of the set illustrated are substantially duplicates, but one need be described. A base-block 8 is employed, which is adapted to be secured to a suitable support or frame and is therefore provided with spaced openings 9 therethrough, adapted to receive fastening-screws 10. This base-block is provided on its outer face with outstanding spaced studs 11 and 12, the stud 11 being longer than the stud 12 and threaded as shown. In connection with this base-block there is employed a carrier-strip 13, adapted

to bear against the outer face of the block 8 and being disposed longitudinally thereof. The strip is provided with a longitudinally-disposed slot 14, that receives the studs 11 and 12 and permits the longitudinal movement of the strip 13. The stud 11 projects entirely through the slot, and beyond the outer face of the strip and threaded thereon is a clamping-nut 15, that is adapted to bear against said outer face.

One end of the carrier-strip is provided with a longitudinally-extending stud 16, the inner portion of which is squared or angular in cross-section, as shown at 17, the outer portion being threaded. The stud constitutes the support and connecting means for a hanger member or plate 18, having a longitudinally-disposed slot 19, that receives the squared portion 17 of the stud, said squared portion thus preventing the turning of the plate upon the stud and at the same time permitting the longitudinal movement of the plate thereon. The threaded part of the stud 16 projects beyond the plate to receive a clamping-nut 20, by means of which the plate can be held against movement with respect to the carrier-strip. This plate may be constructed, as shown in Fig. 1, with a depending ear 21, that receives one of the gudgeons of a curtain-roller, while its free end may also be provided with a supporting-hook 22.

In lieu of the above arrangement a slightly-modified form, as shown in Fig. 6, may be employed. The hook member in this instance is designated 18^a and has the usual slot 19^a to receive a stud 16. The depending ear 21^a is employed; but the pole-supporting hook is dispensed with. On the other hand, if desired, the roller-supporting means may be done away with and simply a pole-support employed, as illustrated in Fig. 7, wherein the plate is designated generally 18^b and has the slot 19^b to receive a stud 16. The outer end of the plate is in the form of a pole-supporting hook 22^b.

The use of this device will be clearly apparent. The base-blocks are secured at any suitable height or position upon the frame of

a window or door by means of comparatively small screws, which will not materially de-
 face or injure the woodwork. After the blocks
 have been secured the carrier-strips are ap-
 5 plied. These strips may be placed with the
 end studs projecting outwardly or inwardly,
 as desired, and after having been positioned
 the hanger member can be secured thereto,
 after which the members may be adjusted to
 10 properly position the curtains hung there-
 from. It will be apparent by reference to the
 figures, showing the elements detached, that
 the hangers as articles of manufacture may
 be made cheaply and can be easily applied by
 15 an inexperienced person. The elements of
 each device are substantially duplicates, with
 the minor exception that with the hanger
 members one of the ears must have a circular
 opening to receive the revolving gudgeon,
 20 while the other is provided with an annular
 opening to properly hold the stationary gud-
 geon of the spring-roller.

From the foregoing it is thought that the
 construction, operation, and many advantages
 25 of the herein-described invention will be ap-
 parent to those skilled in the art without fur-
 ther description, and it will be understood
 that various changes in the size, shape, pro-
 portion, and minor details of construction may
 30 be resorted to without departing from the
 spirit or sacrificing any of the advantages of
 the invention.

Having thus described my invention, what
 I claim as new, and desire to secure by Letters
 35 Patent, is—

1. In a hanger of the class described, the
 combination with a carrier-strip, of means for
 adjustably securing the strip to a window or
 other frame, a stud carried by and fixed with
 40 relation to the strip, said stud projecting lon-

gitudinally from one end of said strip and
 comprising an angular inner portion project-
 ing beyond the strip and a threaded outer por-
 tion, a hanger member located in angular re-
 lation to the carrier-strip and having a lon- 45
 gitudinally-disposed slot that receives the an-
 gular portion of the stud, said angular por-
 tion engaging the walls of the slot to prevent
 the turning of the carrier upon the stud, and
 a nut screwed on the threaded portion of the 50
 stud and bearing against the hanger member
 to clamp the same against longitudinal move-
 ment.

2. In a hanger of the class described, the
 combination with a base-block having out- 55
 standing spaced studs projecting from its outer
 face, one of said studs being longer than the
 other and threaded, a carrier-strip bearing
 against the outer face of the block and having
 a longitudinally-disposed slot that receives 60
 the studs, the longer stud projecting there-
 through, a clamping-nut threaded on the outer
 portion of the longer stud and bearing against
 the carrier-strip, a stud projecting from one
 end of the carrier-strip and having an angu- 65
 lar inner portion and a threaded outer por-
 tion, a hanger-plate provided with a longitu-
 dinal slot that receives the angular portion of
 the latter stud, said angular portion prevent-
 ing the turn of the plate thereon, and a clamp- 70
 ing-nut threaded on the outer portion of the
 stud and bearing against the hanger-plate.

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

CHARLEY McDONNER.

Witnesses:

JOHN J. MCGILLIS,
 L. S. HITCHCOCK.