(No Model.)

G. E. BONNEY.

SHADE OR CURTAIN HANGER.

No. 506,301. Patented Oct. 10, 1893.

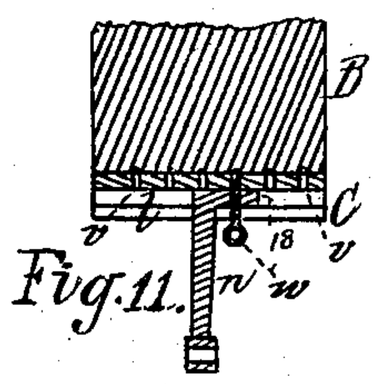

Fig. 11.

Fig. 14.

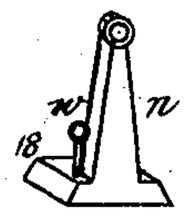

Fig. 13.

Fig. 12.

Fig. 9.

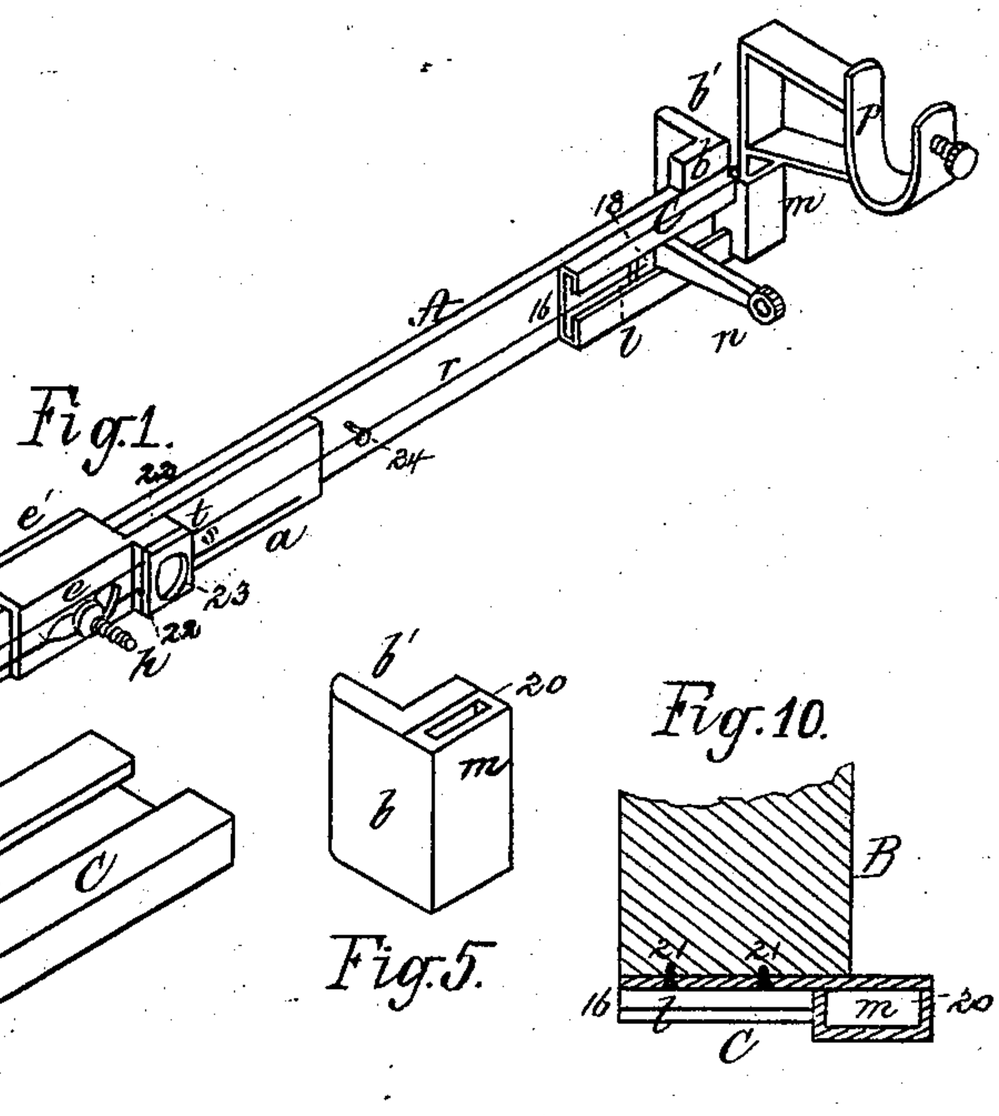

Fig. 1.

Fig. 5.

Fig. 10.

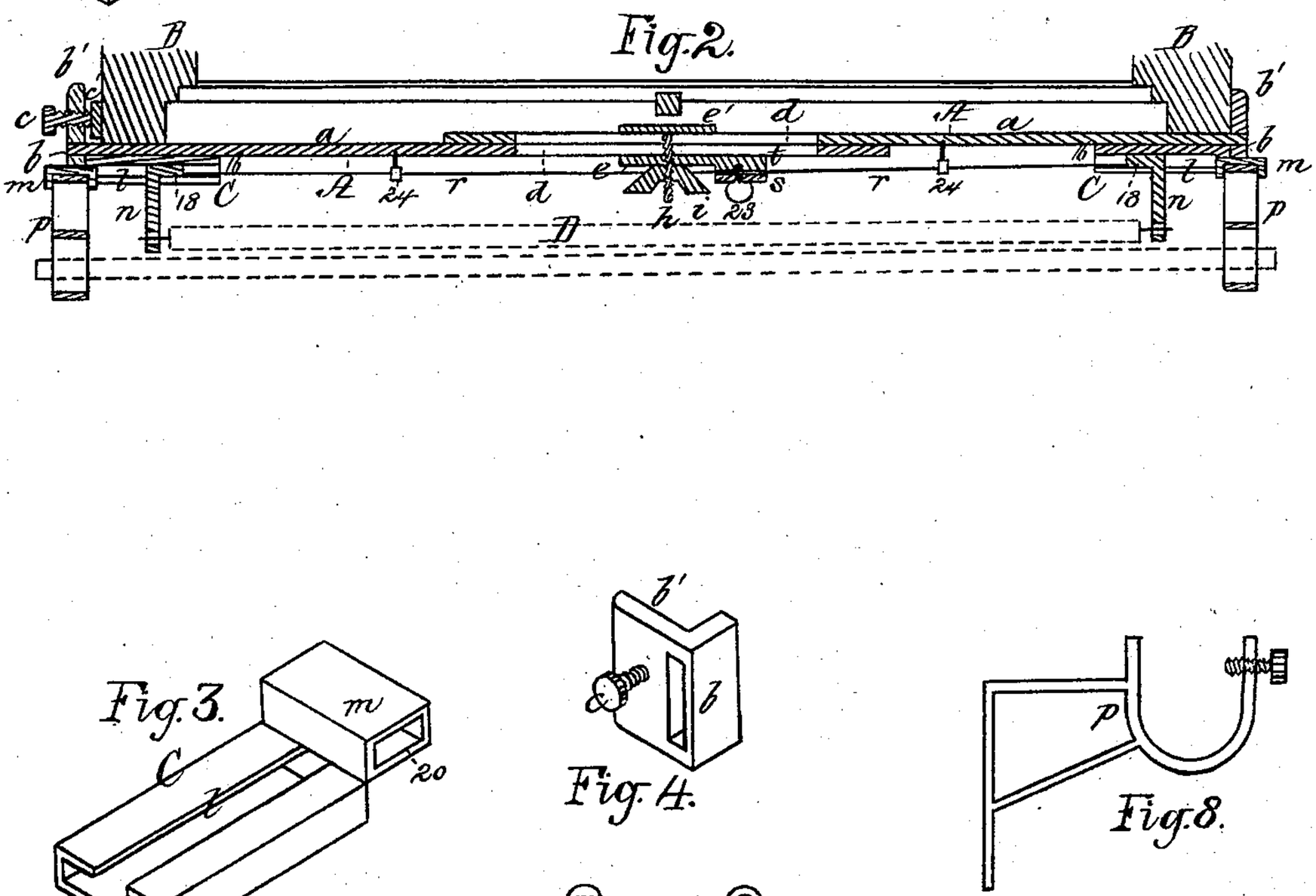

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 8.

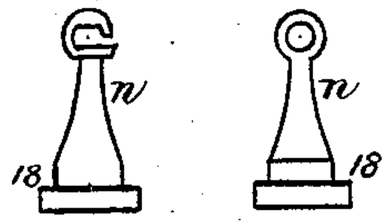

Fig. 6.

Fig. 7.

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UNITED STATES PATENT OFFICE.

GEORGE E. BONNEY, OF MIDDLEBOROUGH, MASSACHUSETTS.

SHADE OR CURTAIN HANGER.

SPECIFICATION forming part of Letters Patent No. 506,301, dated October 10, 1893.

Application filed November 8, 1892. Serial No. 451,322. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. BONNEY, of Middleborough, in the county of Plymouth and State of Massachusetts, have invented certain Improvements in Curtain-Fixtures, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of an adjustable frame provided with supporting plates in which the brackets of shade-rolls and drapery poles are located in accordance with my invention. Fig. 2 is a horizontal longitudinal section through the center of the frame, &c., when in the position represented in Fig. 1. Fig. 3 is a perspective view of one of the supporting plates in which are to be supported a shade-roll bracket and a drapery-pole bracket at one end of the device; Fig. 4 view of one of a pair of metal blocks located at the ends of the frame, and which abut and are clamped against the outer edge of the window casing; Fig. 5 a similar block with the addition of a socket for the drapery-pole bracket; Figs. 6 and 7 a pair of brackets for supporting the ends of the shade roll; Fig. 8 one of a pair of drapery-pole brackets. Fig. 9 shows a modification—my supporting plate being only adapted for receiving the shade-roll bracket—this form of supporting plate being intended for use if desired with the metal block provided with a socket for the drapery-pole bracket seen in Fig. 5. Fig. 10 shows one of my bracket-supporting plates applied directly to a window casing—the frame shown in Figs. 1 and 2 being dispensed with; Figs. 11, 12, 13 and 14, details to be referred to.

My present invention relates to window-shade and drapery supports,—and consists in combination with and permanently attached to a window casing, of a pair of bracket-supporting plates in which the brackets of the shade-roll are capable of adjustment to and from each other to conform to the length of the roll to be supported thereby;—said supporting plates being provided also, if desired, with sockets for the reception of the brackets of the drapery pole.

My invention also consists, in combination with said pair of bracket-supports of a frame composed of two portions having slots and capable of instant adjustment and applied at one operation to windows of any width without the exercise of skilled labor and without the employment of hammer, nails or screw-driver; the frame or strip with the supporting plates, brackets, roll and shade, pole and drapery being also capable of speedy removal at a single operation if desired.

My invention also consists in certain auxiliaries to be hereinafter described and claimed.

In the said drawings A represents a light frame of wood, metal or other suitable material preferably composed of two equal portions *a a*, the outer end of each having fitted thereover a metal block *b* (Fig. 4) provided with a square shoulder and projecting portion *b'* adapted to snugly fit and abut against the outer edge of the window casing B, which projects from the apartment wall. Through this projecting portion *b'* of one of these blocks *b* (preferably the right hand one, though the left block is more conveniently shown in Figs. 1 and 2) passes a thumb screw *c* having at its point a bearing plate *c'* preferably of rubber or other soft elastic material which will not mar the finish of the window casing, when the frame has been clamped thereto by the thumb screw *c* after having been adjusted to its width, as hereinafter to be described. The inner ends of the portions *a a* lap beyond each other, and each is provided with a horizontal slot *d*.

e e' are two metal plates between which the slotted parts of the portions *a a* are located—one plate *e'* having a screw *h* projecting from it and through both slots *d d* and through the plate *e*, a clamping nut *i* being employed to draw and securely hold the portions *a a* of the frame together, when properly adjusted with its blocks *b b* snugly pressed against the projecting edges of the window casing. The outer end of each portion *a a* is provided with a bracket support C formed by bending or striking up metal into the shape seen in Fig. 3, two sockets *l m* being thereby integrally produced—one socket *l* being open at 16 for the reception of the enlarged foot 18 of one of the brackets *n n* in which the end of the shade roll D has its bearings, and the other socket *m* being open at 20 for the reception of the foot of the vertical portion of one of

the drapery-pole brackets *p*. These combined shade-roll and drapery-pole bracket-supporting plates C may be attached to the outer ends of the portions *a a* by screws 21 or other fastening or simply fitted thereover and may extend flush with, or beyond said ends, or may be attached directly to the upper corner of the window casing B, Fig. 11, in which event, the frame A (Figs. 1 and 2) would be dispensed with, the circumstances making such elimination desirable being presently to be referred to.

From the construction of the supporting plates C, it will be understood that the two brackets *n n* of the shade roll are free to be slid within their sockets *l l* until located at the proper distance apart to conform to the length of the shade roll to be supported thereby. When adjusted in position, these brackets *n n* are securely held by wires *r r*, one leading from the foot of each, to and under a plate *s* which is provided with two small recesses 22 for the reception of the wires—said plate *s* being forcibly pressed by a clamping screw 23 against a projecting portion *t* of the plate *e*. Each wire *r* may be led through a ring or eye 24 screwed into its portion *a* of the frame A should a guide be desirable.

The drapery-pole brackets *p p* are located by entering their lower ends into their respective sockets *m m*. The supporting plates may only be provided with sockets *l l* for the brackets *n n* of the shade roll D and be attached to the frame A (Fig 1), or such socket plates may be secured directly to the window casing; and should a drapery or curtain for a window be required in addition to a shade—the blocks *b b* may be provided with sockets *m m* for the drapery-pole brackets *p p*, in which case the two sockets *l m* (Figs. 5 and 9) would be associated together.

If my bracket-supporting plates were secured as fixtures to permanently remain on a window casing the occupant of the house would be spared the inconvenience and expense of putting up his bracket supports, besides which the marring and injury to the wood work and finish in houses frequently vacated, would be avoided, which would be appreciated by the owner of the house.

In the application of my invention, neither nails, hammer nor screw driver are employed, and no skilled labor required—a long experienced want being supplied at a trifling expense.

Figs. 11, 12, 13, and 14, illustrate a very simple, inexpensive and convenient device for holding the shade-roll brackets when adjusted in position in their supporting plates. The plate C has a series of holes *v* for the reception of a retaining pin *w* which first passes through a hole of corresponding size in the foot of the bracket; the pin being preferably of spring wire slit longitudinally through the center of its shank to endow it with sufficient elasticity for preventing it from dropping out of its holding position or the bracket *n* when adjusted may be secured in its socket *l* by any ordinary clamping screw.

I claim—

1. As an improvement in curtain fixtures, a bracket-supporting plate C having sockets *l m*, in combination with a shade-roll bracket capable of adjustment within the socket *l*, a means of clamping the same therein, and a drapery-pole bracket fitting into the socket *m* as described.

2. In combination—an adjustable frame A composed of two slotted portions *a a*, blocks *b b* with their projections *b' b'* abutting against the edges of the window casing—a device for clamping said portions together, a pair of bracket-supporting plates C C with their sockets *l l m m*—a pair of shade-roll brackets *n n* adjustable within the sockets *l l*, a means of clamping them therein, and a pair of drapery-pole brackets *p p* fitting into the sockets *m m*, as set forth.

3. In combination with the frame A composed of two slotted portions *a a*, the bracket-supporting plates C C and brackets *n n*, the wires *r r* and a device for clamping the latter when the brackets are adjusted in position, as specified.

Witness my hand this 3d day of November, 1892.

GEORGE E. BONNEY.

In presence of—
N. W. STEARNS,
WALLACE C. COLLINS.