E. Y. PITMAN.

TOOL FOR SETTING WINDOW SHADE HANGERS.

APPLICATION FILED JULY 18, 1917.

1,262,557. Patented Apr. 9, 1918.

Fig. 1.

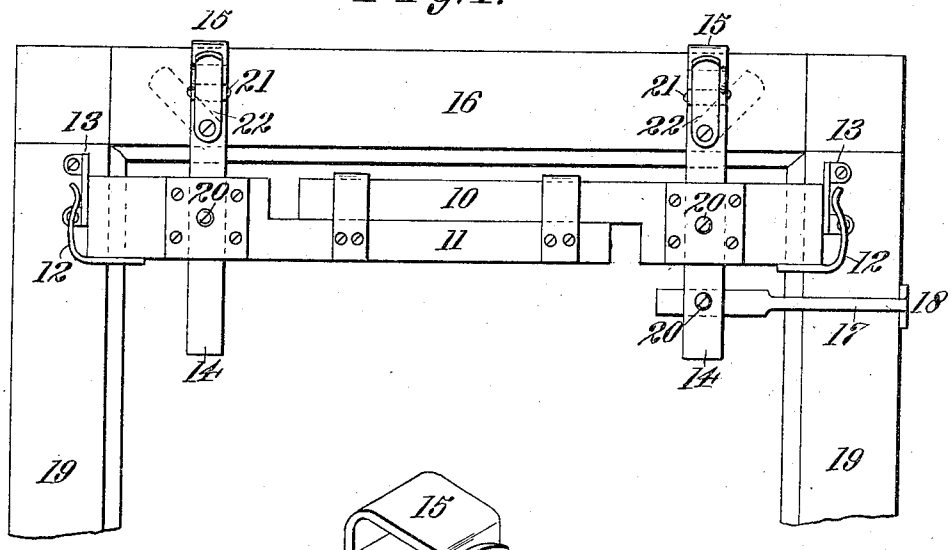
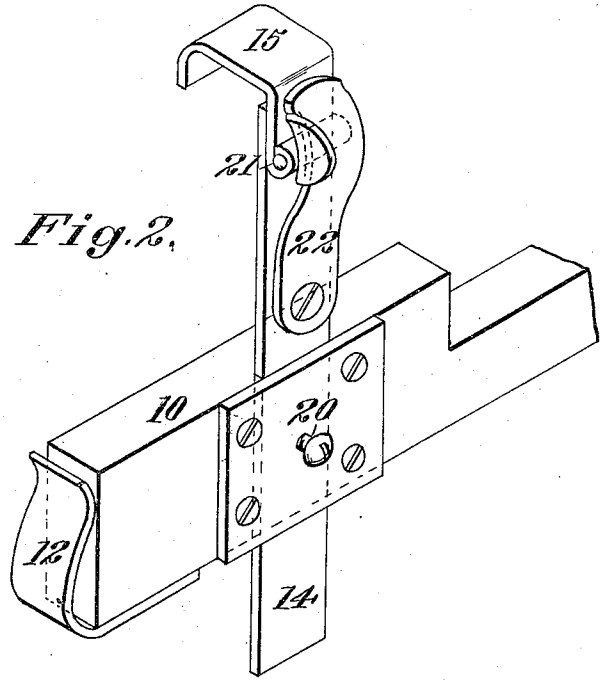


Fig. 2.



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TOOL FOR SETTING WINDOW-SHADE HANGERS.

1,262,557. Specification of Letters Patent. Patented Apr. 9, 1918.

Application filed July 18, 1917. Serial No. 181,428.

To all whom it may concern:

Be it known that I, EDMUND Y. PITMAN, a citizen of the United States, residing at Willits, in the county of Mendocino and State of California, have invented new and useful Improvements in Tools for Setting Window-Shade Hangers, of which the following is a specification.

This invention relates to tools or holders for setting the brackets of a window shade in proper position, being especially designed for those engaged in furnishing houses or for use wherever a large number of windows of the same size are to be fitted with shades. The object of the invention is to provide a simple, economical and easily adjustable tool or holder of this nature.

One form which my invention may assume is exemplified in the following description and illustrated in the accompanying drawing, in which—

Figure 1 shows a view of the device applied to a window.

Fig. 2 shows a detail view in perspective of one end of the holder.

Referring in detail to the accompanying drawing, the holder comprises telescopic and adjustable bars 10 and 11, each having at its outer end a clip 12 to receive temporarily a bracket 13, such as is used to support the roller of a window shade in place. Vertically extending gages 14 are carried adjustably on each of the bars near its outer end and provided with hooked-shaped ends 15 to fit over the horizontal board 16 of the window frame for the purpose of supporting the holder in place and gaging the position of the same vertically with respect to the window frame.

One of the bars 10 and 11 has a horizontally disposed gage member 17 adjustably mounted thereon and provided with a hooked-shaped end 18 to fit against the outer edge of one of the vertical boards 19 of the window frame for gaging the position of the holder horizontally with respect to the frame. By adjusting the gages 14 and 17 and the length of the holder so that the brackets 13, when in place thereon, occupy the desired position relative to the window frame, the parts may be locked in this position by means of set screws 20 and thereafter any number of brackets may be quickly and easily set in their proper position. While the brackets are temporarily supported by the clips a screw or nail is passed through them to hold them in place on the window frame and the holder is then removed by releasing the hooks 15 and moving the holder downwardly. For this purpose the hooks 15 are hinged at 21 to swing outwardly and a latch 22 is provided to hold them in operative position. The clips it will be noted are in the form of spring metal secured to the bottom edge of the bars 10 and 11 and extend upwardly at the ends thereof so that the holder can be removed from the brackets by an outward movement.

The device is exceedingly simple to construct and is readily and easily adjustable. It insures a proper setting of the window shade hangers and is such that it can be used in connection with a great variety of window frames of different size and shape.

Various changes in the construction and arrangement of the several parts herein shown and described may be employed without departing from the spirit of my invention as disclosed in the appended claims.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. A holder for setting window shade hangers comprising telescopic and adjustable bars, means for receiving at their opposite ends the brackets or hangers, hooks for suspending said bars from the top of the window frame, said hooks being adjustably connected to the bars and forming gages for positioning the same vertically relative to the window frame, said hooks being hinged to swing back whereby to permit the holder to be moved downwardly to disengage the brackets after the latter have been secured in place on the window frame, and latches to retain the hooks in position.

2. A holder for setting window shade hangers comprising telescopic and adjustable bars, means for receiving at their opposite ends the brackets or hangers, hooks for suspending said bars from the top of the window frame, said hooks being adjustably connected to the bars and forming gages for positioning the same vertically relative to the window frame, and a member carried near one end of the holder in parallel relation with the bars and adjustable thereon for gaging the position of the holder horizontally with respect to the window frame.

3. In a tool for setting window shade brackets, a holder for detachably support-

ing said brackets, means whereby the brackets may be adjustably spaced in relation to each other by said holder, means whereby the holder may be set in proper vertical adjustment, and means whereby the holder may be set in predetermined horizontal relation to the window frame upon which the brackets are to be placed.

4. In a tool for setting window shade brackets, a horizontally disposed holder, bracket-receiving members at the opposite ends thereof, and a fixed stop connected with said holder whereby the holder may be set in predetermined horizontal relation to the side frame of the window.

5. In a tool for setting window shade brackets, a horizontally disposed bracket holder, means at the ends thereof by which shade brackets are supported, hooks by which said holder is suspended from the top of a window frame, and means incorporated in said hooks whereby the bar may have a vertical swinging motion in relation thereto.

6. In a tool for setting window shade brackets, supporting hooks adapted to engage the horizontal top board of a window frame, a telescoping holder supported horizontally thereby, and bracket-receiving means fixed on the opposite ends of said holder whereby the shade brackets may be detachably held in rigid parallel relation with each other.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

EDMUND Y. PITMAN.

Witnesses:
E. H. ROTH,
V. E. FROST.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."