March 22, 1932. H. B. PASCOE ET AL 1,850,687

SCREEN HANGER OR BRACKET

Filed Feb. 28, 1930

Fig. 1.

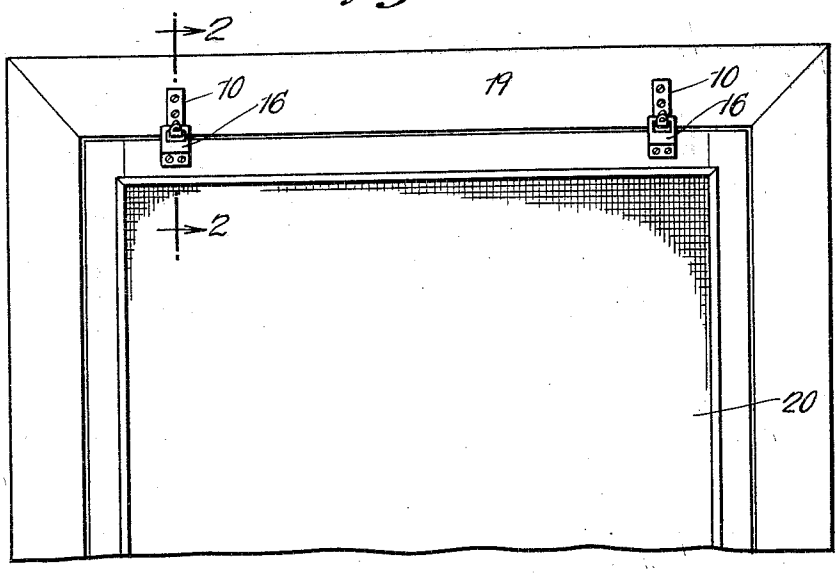


Fig. 2.

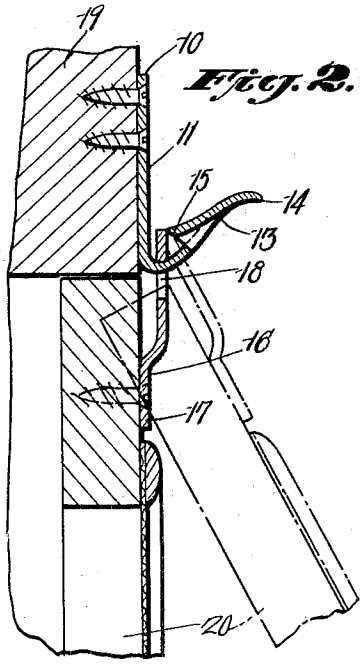
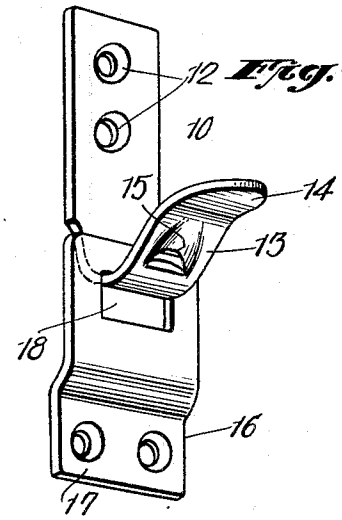


Fig. 3.



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UNITED STATES PATENT OFFICE

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SCREEN HANGER OR BRACKET

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This invention relates to improvements in screen hangers or brackets.

It is the common practice to employ a hook shaped bracket fixed to a window casing to support what is known as a full length screen, the screen in turn being provided with an eye bracket to engage the hook shaped bracket. Such engaging brackets are quite satisfactory in holding the screen in a closed position within the window casing, but when the screen is swung outwardly to an open position to enable washing of the outside of the window sashes without removing the screen from its hanger, it is possible for the screen to accidentally drop from its support, due to the eye bracket riding up and off the bill of the hook bracket. This is extremely dangerous as it subjects persons beneath the window to injury by a falling screen and also causes damage to the screen. It is therefore the main purpose of our invention to provide a hooked bracket which prevents the eye bracket from accidentally riding off when the screen is swung to an open position, but which does not interfere with the removal of the screen or the hanging of the same in position when desired.

Another object of the invention is to provide a screen hook hanger in which a stop shoulder is stamped from the bill of the hook to arrest any sliding movement of the hanger eye when the eye is connected therewith.

Another object of the invention is the provision of a screen hook hanger bracket which is simple of construction, inexpensive of manufacture, and positive in its action when in use.

In the drawings:

Figure 1 is a fragmentary front elevational view of a screen in position within a window casing showing our improved bracket in use thereon.

Figure 2 is an enlarged vertical transverse sectional view on the line 2—2 of Figure 1.

Figure 3 is a detail perspective view of our improved hook bracket with an engaging eye connected therewith.

Referring to the drawings by reference characters, the numeral 10 designates our improved hanger bracket which is constructed of a single length of flat bendable metal and includes an attaching plate 11 having openings 12 therein for the passage of screws or like fastening elements to enable the bracket to be fixedly connected to its supporting structure. One end of the material from which the bracket is constructed is bent outwardly and upwardly to provide a hook 13, the end of the hook terminating in a lip 14. Stamped from the bill of the hook 13 by cutting the material transversely and then pushing the same inwardly or otherwise, is a stop shoulder 15, which is disposed adjacent the bight portion or crotch of the hook.

Engageable with the hook bracket 10 is a hanger eye bracket 16, which includes an attaching portion 17 and an outwardly offset portion provided with an opening or eye 18 of a size and shape to permit of the passage of the hook 13 therethrough.

In Figures 1 and 2 of the drawings we have illustrated our invention in use, wherein a pair of hook brackets 10 are secured at the top of a window casing 19. Fitted into the window casing 19 is a screen 20 which is equipped with a pair of eye brackets 16, and which brackets 16 are in engagement with the hook brackets 10. The screen 20 is usually locked in a closed position at the bottom by the usual form of hooks and eyes, but oftentimes it is desired to swing the screen 20 outwardly from the window to enable washing of the outside of the window sashes. It will be seen that when the screen 20 is swung outwardly to permit access to the exterior of the window, the weight of the screen will cause the eye 18 to remain within the crotch of the hook 13, and should the screen be accidentally pushed outward, the stop shoulder 15 serves as an abutment for preventing the upward and outward riding of the eye bracket relative to the hook of the hook bracket 10. This stop shoulder 15 assures positive connection of the eye bracket with the hook bracket under any accidental outward movement of the screen relative to its casing. It might be stated however that the stop shoulder 15 does not interfere with the removal of the screen from the casing as the screen may be swung outward and thence

lifted so that the shoulder 15 passes through the eye 18 of the eye bracket, whereupon the screen may be lifted free of its support.

Having thus described our invention, what we claim as new and desire to secure by Letters Patent is:—

A screen hanger bracket comprising a flat attaching body, an upwardly and outwardly extending hook formed integral with said body, and a stop shoulder struck and bent from said hook and disposed in spaced relation to said body whereby a screen hanger eye may be engaged with the base of said hook for swinging movement and lifted free of said hook but which stop shoulder prevents the accidental sliding of an eye toward the lip end of said hook upon outward swinging of an eye.

In testimony whereof we affix our signatures.

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