L. R. ADSIT.

BRACKET CONSTRUCTION.

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1,324,713.

Patented Dec. 9, 1919.

Fig. 1.

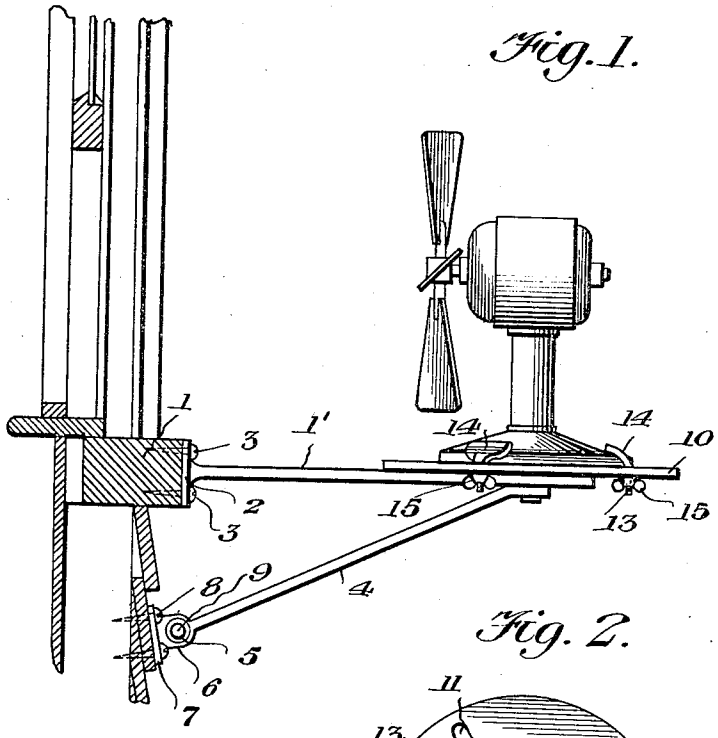
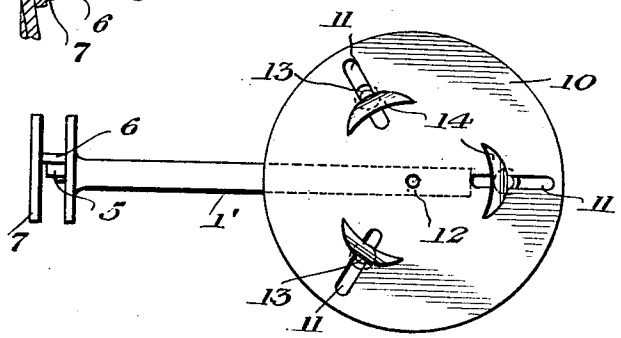


Fig. 2.



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BRACKET CONSTRUCTION.

1,324,713. Specification of Letters Patent. Patented Dec. 9, 1919.

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To all whom it may concern:

Be it known that I, LAWRENCE R. ADSIT, a citizen of the United States, residing at Cherokee, in the county of Cherokee and State of Iowa, have invented new and useful Improvements in Bracket Constructions, of which the following is a specification.

This invention relates to improvements in bracket constructions and has particular application to a bracket for supporting electric fans in proximity to a window so that the fan, in its operation, will blow the air through the window.

In carrying out the present invention it is my purpose to provide a bracket of the class described which will embrace the desired features of simplicity, efficiency and durability, which may be manufactured and marketed at small cost and which may be quickly and conveniently applied to the window frame, and which will be constructed in such manner as to securely hold the fan in proper position.

With the above recited objects in view and others of a similar nature, the invention resides in the construction, combination and arrangement of parts set forth in and falling within the scope of the appended claim.

In the accompanying drawing:—

Figure 1 is a fragmentary sectional view through a window frame showing my improved bracket applied thereto.

Fig. 2 is a top plan view of the bracket, the fan being removed.

Referring now to the drawing in detail, 1 designates a bottom or sill of a window frame. My invention is designed for use in connection with the sill and is adapted to be fastened thereto and to project outwardly beyond the sill so that the fan may be supported upon the outside of the window frame in order that the current of air may be directed through the window frame and into the room. My improved bracket, in the preferred construction, embodies a horizontal arm 1′ having one end formed with an attaching plate 2 and is fastened to the window sill 1 by means of screws 3 or other suitable fastening devices. Connected with the arm 1′ adjacent to the outer extremity thereof and depending from such arm is a brace rod 4 projecting toward the window sill and having its lower end formed with an attaching disk 5 that is placed in face to face contact with a similar plate 6 on an anchor plate 7. The anchor plate 7 is secured to the window sill below the attaching plate 2 by means of screws 8 or other fastening devices, while passed through alining openings in the plates 5 and 6 is a bolt 9 that acts to form a connection between the plates 5 and 6 so that the brace rod 4 may be effectively secured to the anchor plate 7.

Mounted on the upper surface of the arm 1 at the outer end of such arm is a disk like supporting plate 10 of a diameter slightly greater than the diameter of the fan base and formed in the plate 10 are radial slots 11 preferably spaced apart equal distances. The plate 10 is also formed centrally with an opening 12 that alines with an opening in the arm 1′ and through these alining openings is passed securing studs whereby the plate 10 is securely held to the arm 1′. Mounted in the slots 11 respectively are studs 13 and integral with the upper ends of the studs 13 are inwardly projecting curved jaws 14, while threaded onto the lower ends of the studs are winged nuts 15.

In practice, the base of the fan is placed upon the plate 10 and the studs 13 adjusted in the slots 11 so that the jaws 14 will engage over the edge of the base of the fan. The wing nuts 15 are now tightened and the jaws effectively clamp the fan base to the plate 10, as clearly illustrated in Fig. 1 of the drawing.

It will be seen that I have provided a bracket whereby an electric fan may be mounted outside of a window so that the fan may direct the current of air through the window and into the room thereby enabling the room to be maintained at a comparatively low temperature.

I claim:—

In combination, a plate of rectangular formation arranged edgewise and secured to the sill of the window frame, an arm projecting horizontally from the center of the plate, a circular base supported upon said arm and arranged at right angles to said plate, said base being slotted, clamps movable within the slots and adapted to engage the base of an electric fan for holding the

fan upon the base, a second plate arranged edgewise and secured to a support below the first mentioned plate, an apertured lug projecting from the second mentioned plate, a diagonally disposed arm terminally connected to the first mentioned arm at a point below said base, the opposite end of the diagonally disposed arm having an eye alined with the aperture of said lug, and a pivot passed through said eye and lug whereby the second mentioned arm is pivotally connected with the lug carrying plate.

In testimony whereof I affix my signature.

LAWRENCE R. ADSIT.