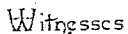


O. K. HARRY.
AWNING BRACKET.

Patented Jan. 14, 1896.



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UNITED STATES PATENT OFFICE.

OWEN K. HARRY, OF DALLAS, TEXAS.

AWNING-BRACKET.

SPECIFICATION forming part of Letters Patent No. 552,997, dated January 14, 1896.

Application filed September 28, 1895. Serial No. 564,004. (No model.)

To all whom it may concern:

Be it known that I, OWEN K. HARRY, a citizen of the United States, residing at Dallas, in the county of Dallas and State of Texas, have invented a new and useful Awning-Bracket, of which the following is a specification.

My invention relates to awning-brackets, particularly to those which are to be permanently affixed to a building, my object being to provide an awning-bracket that is rigid and strong, adjustable to different inclinations, firmly braced, and so constructed that it can be folded into small compass for shipment or storage.

With these and other objects in view my invention consists of the details of construction and combination of parts herein described and more definitely pointed out in the claims.

In the drawings, Figure 1 is a perspective view of my improved bracket. Fig. 2 is a side elevation thereof adjusted to the wall of a building. Fig. 3 is a perspective view showing the bracket in folded position. Fig. 4 is a sectional detail showing a modified foot-brace. Fig. 5 is a detail plan view of a modified wall-fastening for the foot-brace.

Referring to the parts by numerals, 1 designates the top member which serves to support the awning or roof and inclines downwardly a suitable distance, according to the pitch and width of the awning which is to be supported. Pivotally joined to its inner end 2 is a retaining pin or bar 3, which is adapted to go through the wall of the building and to be secured on the inner side thereof by a transverse bolt 4 passed through one of the holes 5. A plurality of holes 5 are provided in bar 3 for adjustment of the bracket to different thicknesses of walls, and a wear-plate 6 is threaded over said bar to bear against said wall to receive the wear of bolt 4 and to distribute the outward thrust thereof over a larger wall-surface.

Toward its outer end top member 1 is provided with a plurality of perforations 7, for purposes of vertical adjustment thereof, which are adapted to receive the outer end of foot-brace 8, which is adjusted thereto by means of bolt 9. This foot-brace 8 is composed of a forward single-piece member 10 and a rear

member 12, which may consist either of a single piece 13, Fig. 4, overlapped on the forward member 10, or of two parallel pieces 14, Fig. 1, embracing said forward member between them. These forward and rear members are suitably joined together by bolts 15 and are provided at their overlapping ends with a plurality of bolt-holes 16 for purposes of longitudinal extension of said foot-brace. A middle diagonal brace or suspender 17 is joined at its lower end to foot-brace 8, about midway thereof, by bolt 18, and at its upper end to top member 1, and may be secured by pivot-bolt 19 at end 2, or by a separate bolt through perforation 20, adjacent to said end. Foot-brace 8 is provided at its inner end with a suitable means for fastening it to the wall. This means is preferably a twisted plate 21, perforated at 22 to receive a retaining bolt or screw 23. Plate 21 may be integral with the single-piece rear member 13, as in Fig. 4, or it may be a separate part bolted between the ends of the two-piece member 14, as in Fig. 1; or said two-piece member 14 may be perforated at its inner ends and bolted, as in Fig. 5, directly to a projecting cornice or window-casing or other convenient projection.

My improved bracket is made of flat bar steel or iron of suitable thickness and width adapted to the size of bracket and load to be supported. For purposes of transportation or storage the bracket is folded together in small compass by withdrawing bolt 18 so as to release the lower end of diagonal brace 17, which is then swung up in alignment with top member 1, with retaining-bar 3 lying between them, and foot-brace 8 is then closed against said parts until the whole bracket is bunched together, as shown in Fig. 3.

In use my improved awning is easily placed and adjusted. Retaining-bar 3 is suitably adjusted through the wall over the window or door, or along the front of a store, and top member 1 is bolted thereto by bolt 19, diagonal brace 17 being at the same time secured by the same bolt. Foot-brace 8 is then adjusted in place and secured by bolts 9 and 18 to top member 1 and diagonal brace 8, respectively, and by plate 21 and screw 23 to the building-wall. Several brackets are thus secured in horizontal alignment with each

other, and the awning is adjusted thereover or the roof built thereon. If the pitch thereof is found to be too steep, foot-brace 8 is moved into an inner perforation 7 and diagonal brace 5 17 is adjusted outwardly in perforations 16, or the same result may be attained without disturbing the outer end of foot-brace 8 by extending the members of said foot-brace relatively to each other by means of perforations 16.

10 Having fully described my invention, what I claim is—

1. In an awning bracket, the combination with a top member adapted to support the awning and provided at its inner end with an adjustable retaining bar adapted to go through the building wall and to be secured on the inner side thereof, of a foot brace attached at one end near the outer end of said top member and provided at its other end with a retaining device by which to secure the same to the building wall, and a longitudinally extensible diagonal brace secured at its lower end to the middle portion of said foot brace and at its upper end to the inner end of said top member, and comprising two sections which overlap and are capable of relative longitudinal adjustment, said top member, foot brace and diagonal brace being relatively adjustable to each other at their connecting points, substantially as described.

2. In an awning bracket, the combination with a top member adapted to support the awning and provided at its inner end with an adjustable retaining bar provided with a plurality of bolt holes in its inner end and adapted to go through the building wall and to be secured on the inner side thereof, of a foot brace attached at one end near the outer end of said top member and provided at its other end with a retaining device by which

to secure the same to the building wall, said foot brace comprising a forward member and a rear member longitudinally adjustable relatively to each other, and a diagonal brace 45 secured at its lower end to the middle portion of said foot brace and at its upper end to the inner end of said top member, said top member, foot brace and diagonal brace being relatively adjustable to each other at their connecting points, substantially as described.

3. In an awning bracket, the combination with a top member adapted to support the awning and provided at its inner end with an adjustable retaining bar provided with a plurality of bolt holes in its inner end and adapted to go through the building wall and to be secured on the inner side thereof, of a foot brace attached at one end near the outer end of said top member and provided at its other end with a retaining device by which to secure the same to the building wall, said foot brace comprising a forward member and a rear member longitudinally adjustable relatively to each other, the rear member being 65 composed of two parallel bars adapted to receive said forward member between their outer ends, and a diagonal brace secured at its lower end to the middle portion of said foot brace and at its upper end to the inner end of said top member, said top member, foot brace and diagonal brace being relatively adjustable to each other at their connecting points, substantially as described.

In testimony that I claim the foregoing as 75 my own I have hereto affixed my signature in the presence of two witnesses.

OWEN K. HARRY.

Witnesses:

J. A. RUFF,

DWIGHT LYMAN LEWELLING.