No. 873,129. PATENTED DEC. 10, 1907.

G. E. HUMPHRIES.

SCAFFOLDING BRACKET.

APPLICATION FILED NOV. 23, 1905.

FIG. 1

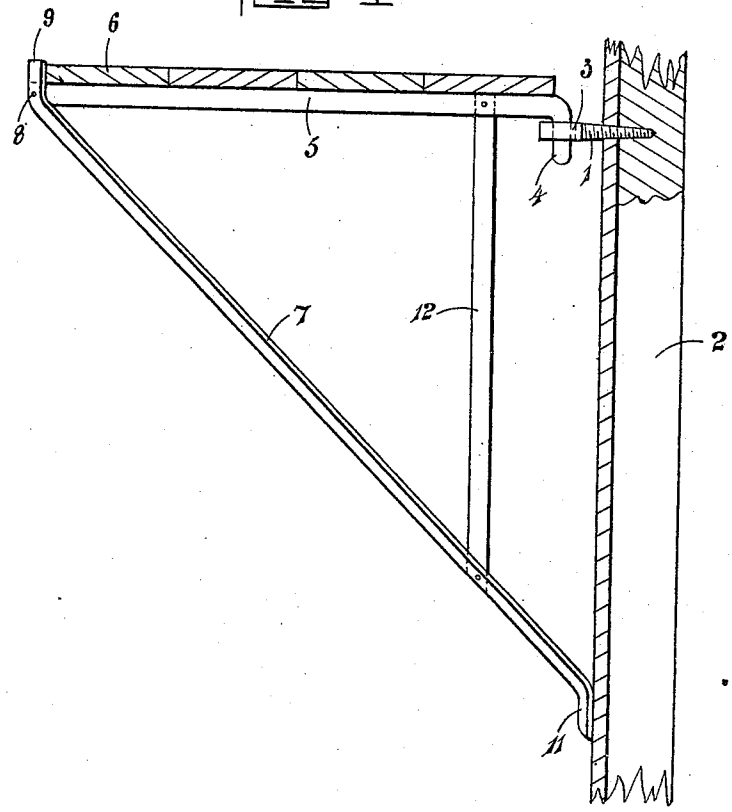


FIG. 2

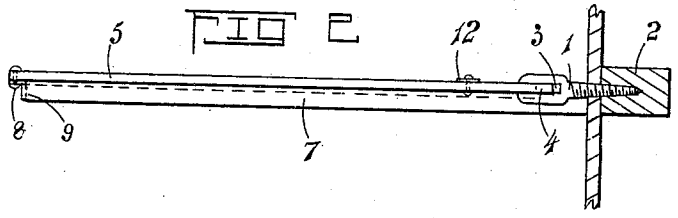
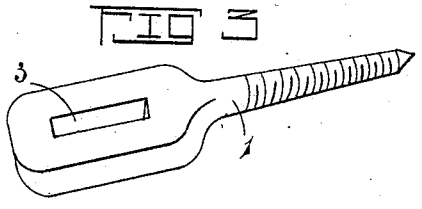


FIG. 3



WITNESSES

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SCAFFOLDING-BRACKET.

No. 873,129. Specification of Letters Patent. Patented Dec. 10, 1907.

Application filed November 23, 1905. Serial No. 288,773.

To all whom it may concern:

Be it known that I, GEORGE EDWARD HUMPHRIES, a subject of His Majesty the King of Great Britain and Ireland, residing at 61 Adelaide road, in the Provincial District of Wellington, in the Colony of New Zealand, building contractor, have invented certain new and useful Improvements in Scaffolding-Brackets, of which the following is a specification.

My invention relates to improvements in scaffold supports, and it consists in the constructions, combinations and arrangements herein described and claimed.

An object of my invention is to provide an improved construction, by which scaffolding can be conveniently attached to buildings, or other supports, in a secure and rigid manner.

A further object of my invention is to provide a secure construction by which scaffolding can be readily adjusted on supporting walls, in such manner as to leave such walls free for painting or other finishing.

In the accompanying drawings, forming a part of this application and in which similar reference numerals indicate corresponding parts in the several views—Figure 1 is a side elevation, partly in section, illustrating one embodiment of my invention; Fig. 2 is a detail plan view of the bracket and its securing means shown in Fig. 1; and Fig. 3 is a perspective view, on a larger scale, illustrating my preferred form of securing eye.

In the drawings, I have shown a scaffold bracket comprising an upper horizontal member 5 for supporting the scaffold flooring 6 and provided at its inner end with a flat hook 4 of rectangular cross section.

A supporting eye is shown with a tapered screw shank 1 for securing it to a building wall 2, or other support, and with a rectangular aperture 3 for receiving the flat hook 4.

A downwardly extending strut 7 is secured at 8 to the member 5, and is provided at its lower end with an offset foot 11 for freely engaging the support 2. The upper end of the strut 7 is provided with an extension 9, which constitutes a stop for retaining the scaffold flooring 6 in position. A brace 12 rigidly connects together the member 5 and the strut 7 at a distance from their inner ends, thereby permitting free access to the surface of the supporting wall 2 for painting the latter.

In the operation of my invention, the supporting eye is screwed into a stud of the building wall at the desired height. A bracket is then supported in position by inserting its flat hook in the rectangular aperture 3 of said supporting eye and permitting the foot 11 at the lower end of the bracket strut to bear freely against the building wall. By this construction, the engagement between the flat hook 4 and rectangular aperture 3 will securely lock the bracket against lateral swing, and provide a strong support; since the free engagement of the foot 11 with the building wall will prevent danger of buckling of the bracket under shocks or heavy loads, thereby causing said hook to be firmly maintained in the rectangular eye under such conditions.

I have illustrated and described a preferred and satisfactory construction, but, obviously, changes could be made within the spirit and scope of my invention.

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

A scaffold bracket comprising a horizontal member having a downturned hook at its inner end and a downwardly and inwardly inclined strut, the two connected near their divergent ends by a brace in combination with a screw-eye having a rectangular opening to receive the said downturned end of the horizontal member and afford the sole vertical support for the bracket, the lower end of the strut of which loosely engages the wall or upright, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two witnesses.

GEORGE EDWARD HUMPHRIES.

Witnesses:
I. I. WATSON,
K. WILSON.