Sept. 28, 1926. 1,601,449

C. McKELVEY

SCAFFOLD BRACKET

Filed June 5. 1925

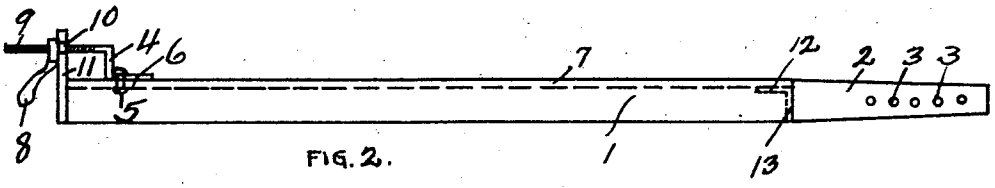


FIG. 2.

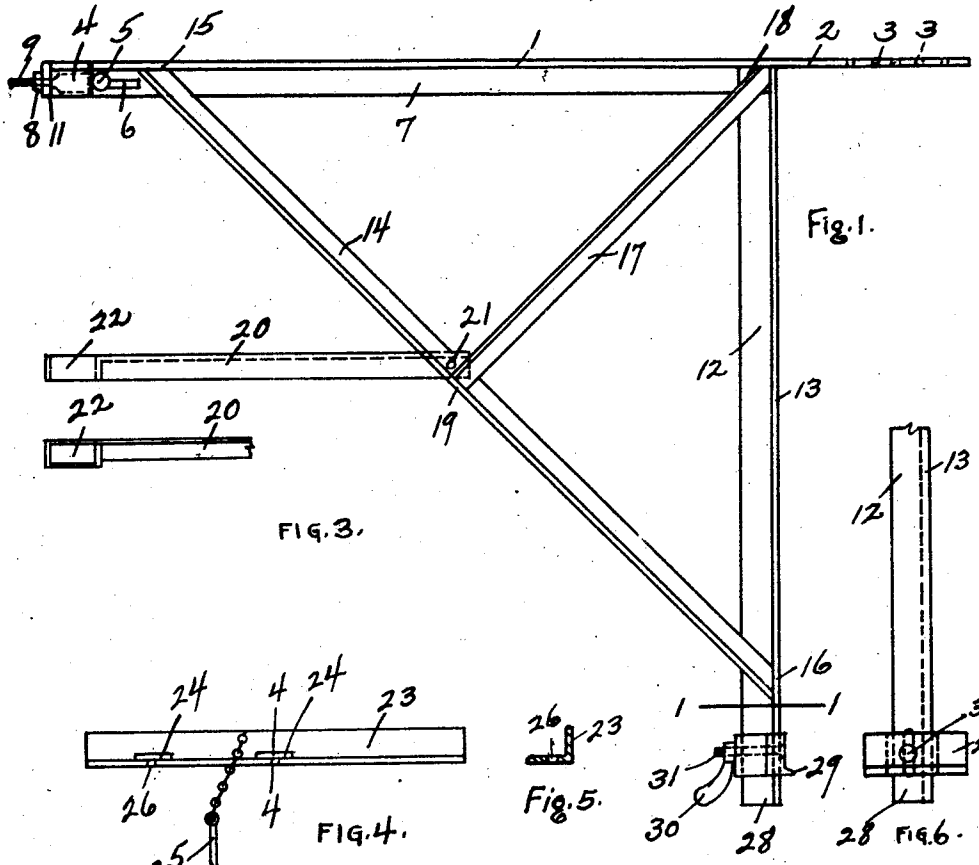


Fig. 1.

FIG. 3.

FIG. 4.

Fig. 5.

FIG. 6.

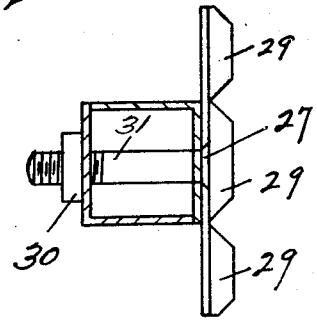


FIG. 7.

Clyde McKelvey

INVENTOR

BY C. L. Wagman

ATTORNEY

Patented Sept. 28, 1926. 1,601,449

UNITED STATES PATENT OFFICE.

CLYDE McKELVEY, OF YOUNGSTOWN, OHIO.

SCAFFOLD BRACKET.

Application filed June 5, 1925. Serial No. 35,221.

This invention relates to scaffold brackets. The principal object of this invention is to provide a bracket to be used in constructing buildings, and more particularly buildings using a brick outer surface, or an entire brick wall.

Another object of this invention is to provide means for securing a vertical standard, resting on the ground, and functioning with the outer end of the bracket.

Another object of the invention is to provide an adjustable means for securing the above mentioned standard, so that standards of varying sizes might be used.

A still further object of this invention is to provide an adjustable rest and support member, secured to the lower end of said scaffold bracket.

With these and other objects in view, the invention resides in the novel construction and arrangement of parts which will be more fully set forth in the specification and claimed in the appended claim.

In the drawings:—

Figure 1 is a side elevation of the improved bracket.

Figure 2 is a top plan view of the improved bracket.

Figure 3 is a detailed view showing a bottom plan view of Figure 1.

Figure 4 is a detailed view.

Figure 5 is a cross section taken on line 4—4 of Figure 4.

Figure 6 is a detailed view showing a rear view of a portion of Figure 1.

Figure 7 is a detailed view showing a section taken on line 1—1 of Figure 1.

By referring to Figure 1, it will be seen that I have provided a scaffold bracket comprising of an upper horizontal support member 1, provided with an extended arm 2 which is provided with a plurality of holes 3. The outer end of the upper horizontal support member 1 is provided with an adjustable standard gripping and support member 4, which is slidably maintained by means of a rivet 5, functioning in a slot 6 formed in the lower depending flange 7 of the upper horizontal support member 1.

By referring to Figures 1 and 2, it will also be seen that the adjustable standard gripping and support member 4 is operated by means of a lever nut 8 functioning on the threaded end 9 of the adjustable standard gripping and support member 4. It will also be seen that this end 9 slips into a notch 10 formed in an extended arm 11, which is secured to the extreme end of the upper horizontal support member 1. In completing the description of the above mentioned scaffold bracket, it will be seen by referring to Figure 1 that there is a downwardly extending member 12 at right angles to the upper horizontal support member 1. This downwardly extending member 12 is ordinarily made of angle iron so that there is a flat surface 13 which fits against the wall.

The upper horizontal support member and the downwardly extending member 12 are held in desired relation to each other by means of a bracing member 14, secured at its upper end at point 15 of the upper horizontal support member 1, and to point 16 of the downwardly extending member 12. In order to more completely strengthen the bracket, there is a bracing member 17, secured at point 18, of the upper end of the downwardly extending member 12, and at point 19, on the bracing member 14.

By referring to Figure 1, it will be seen that there is a swinging arm 20, swinging upon a pivot pin 21, secured to the bracing member 14. The outer end of this swinging arm 20 made of angle iron is provided with an opening 22 rectangular in form for the reception of a standard functioning with the adjustable standard gripping and support member 4. It will be seen by referring to the drawings that this opening 22 rectangular in form is directly underneath the adjustable standard gripping and support member 4, so that the standard will be held in a vertical position.

By referring to Figure 4, it will be seen that I have provided a securing bar 23 provided with slotted openings 24 in order to function with the extended arm 2 and which normally rests against studdings or uprights of the wall and holds the bracket in proper position by means of a key pin 25, functioning with holes 3 and 26.

By referring to Figures 6 and 7, it will be seen that I have provided an adjustable rest support 27 which is adjusted in an opening in the lower end 28 of the downwardly extending member 12. This adjustable rest support is provided with longitudinal contact points 29 which normally fit in the mortar seam of the bricks

in the wall. It will readily be seen that this may be easily adjusted as desired by means of lever nut 30 functioning upon a bolt 31.

What I claim is:—

In a device of the class described, an upper horizontal supporting member having its inner end provided with a plurality of holes and its outer end provided with an adjustable standard gripping member, a vertical member secured at its upper end to the horizontal member, an adjustable rest support secured to the lower end of the vertical member for engaging with a mortar seam in a wall, a diagonal brace connecting the lower end of the vertical member to the outer end of the horizontal member, a second brace extending from the intermediate portion of the first mentioned brace to the upper end of the vertical member, and an arm pivoted at one end to the first-mentioned brace and provided with an opening at its free end to receive a vertical standard normally secured to the outer end of the horizontal member.

In testimony whereof I affix my signature.

CLYDE McKELVEY.