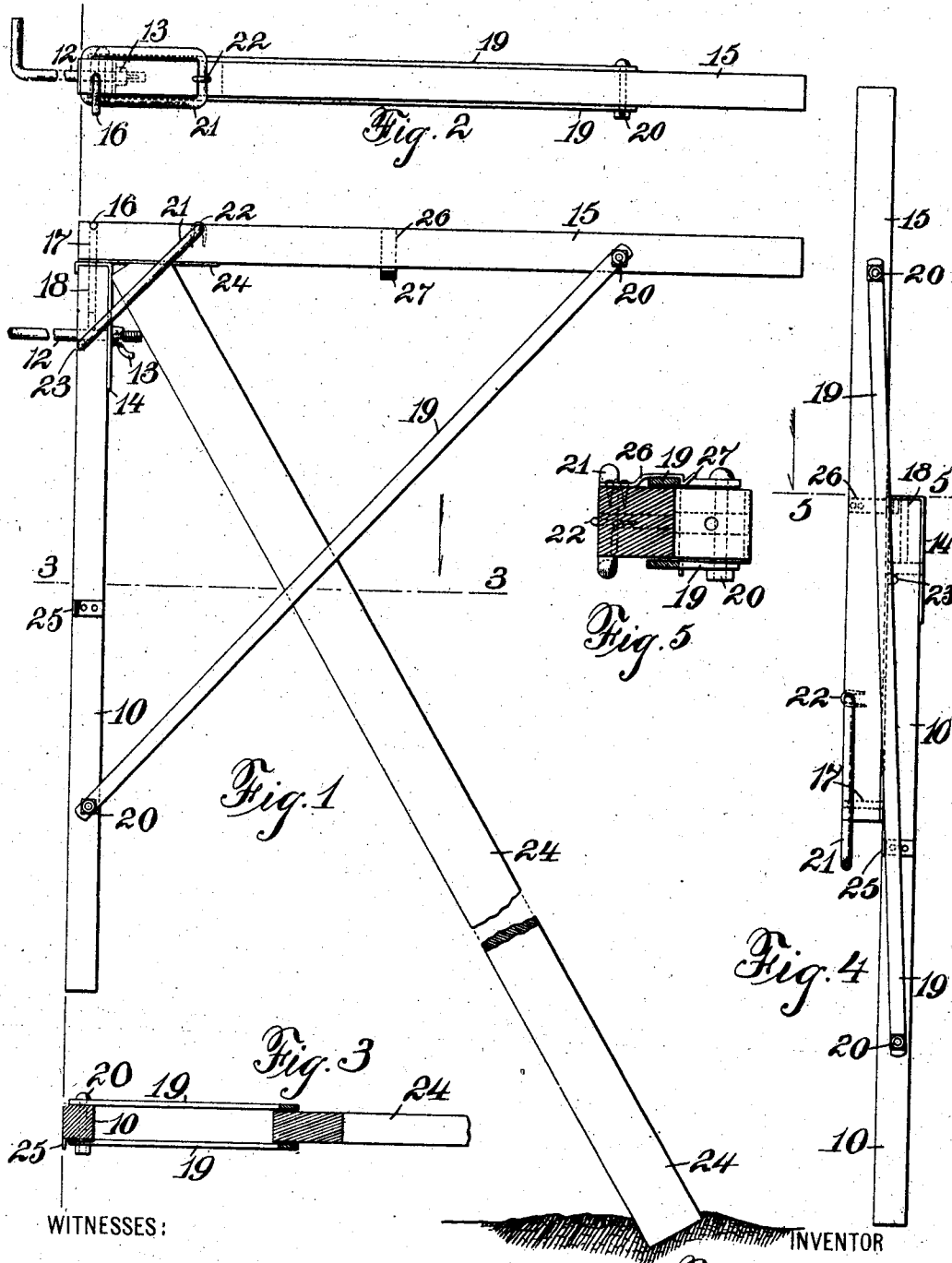


No. 834,919.

PATENTED NOV. 6, 1906.

F. A. MACKIE.
BUILDER'S SCAFFOLD BRACKET.
APPLICATION FILED MAR. 14, 1906.



WITNESSES:

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FRANK A. MACKIE, OF ARLINGTON, NEW JERSEY.

BUILDER'S SCAFFOLD-BRACKET.

No. 834,919.

Specification of Letters Patent.

Patented Nov. 6, 1906.

Application filed March 14, 1906. Serial No. 306,047.

To all whom it may concern:

Be it known that I, FRANK A. MACKIE, a citizen of the United States, residing at Arlington, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Builders' Scaffold-Brackets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to numerals of reference marked thereon, which form a part of this specification.

This is a device that relates to a builder's bracket, and is designed to provide one that is easily and quickly attached to a building during its construction or for the purpose of making repairs, and the scaffold is further designed with the view of being folded for ease in transportation and for economy in space for storage.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of the scaffold in its operative position. Fig. 2 is a plan of the same, and Fig. 3 is a section on line 3 3 in Fig. 1. Fig. 4 is a side elevation with the bracket folded, and Fig. 5 is a section on line 5 5 in Fig. 4.

In the drawings, 10 indicates one of the bars of the bracket, which is arranged vertically and is held in position against the building by means of the hook portion 11 of the bolt 12, the tension being regulated by the thumb-nut 13. Where it is not convenient nor desirable to secure the scaffold by these means, I may use the alternative method of bracing the bracket by means of the joist or studding 24.

On the top of the bar 10, which is preferably made of wood, I arrange a plate 14 as a wearing-plate. The horizontal bar 15 of the scaffold in its operative position is horizontally arranged, as in Fig. 1, being held by the pin 16, arranged in the perforation 17 and 18 at the juncture of the bars 10 and 15.

On the outer end the bar 15 is supported by a pair of rods 19, pivotally secured on each by means of the bolts 20. These bars 19 act as braces and at the same time perform the office of holding the bars 10 and 15 while they are being folded. To prevent any strain tending to pull out the pin 16, I pivot a link 21 in the staple 22 on the bar 15, the free

end of the link fitting into a notch 23 in the bar 10. A wearing-plate 24 is suitably disposed on the bar 15.

When the scaffold is folded, the pin 16 is removed, the link 21 is disengaged from the notch 23, and the bar 10 is swung in between the rods 19, it being prevented from falling on through by the stop-piece 25. Then the bar 15 is folded in against the bar 10, as in Fig. 4, being held against accidental displacement by a spring 26, secured to it and having a catch 27 to snap over one of the rods 19. This catch 27 also serves as a hand or finger piece when it is desired to unfold the scaffold.

The pin 16 can be replaced in the perforation 18 in the bar 10 when the scaffold is folded, and then the scaffold in a compact shape can be easily stored and transported and has a further advantage of stability.

Having thus described my invention, what I claim is—

1. A builder's scaffold comprising a pair of bars arranged normally at right angles, these bars being separable at their juncture, a pair of rods pivotally secured to the bars, and means for holding the bars in their normal position, the bars being adapted, when separated, to fold in between the rods.

2. A builder's scaffold comprising a pair of bars arranged normally at right angles, these bars being separable at their juncture, means at their juncture for securing them together, a pair of rods pivotally secured to the bars, the bars being adapted when separated, to fold in between the rods, and a catch secured to one of the bars and adapted to engage one of the other folded elements, to lock the parts in their folded positions.

3. A builder's bracket comprising two bars arranged at right angles to one another, a pair of rods pivotally secured to the bars, a link swinging near the inner end of one of the bars and adapted to be attached near the inner end of the other bar, and a fastening-pin penetrating the two bars to secure them in their right-angled position.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of March, 1906.

FRANK A. MACKIE.

Witnesses:

E. A. PELL,
WM. H. CAMFIELD.