

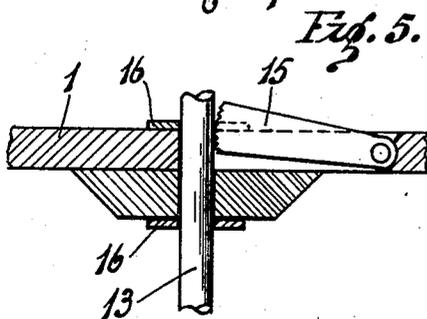
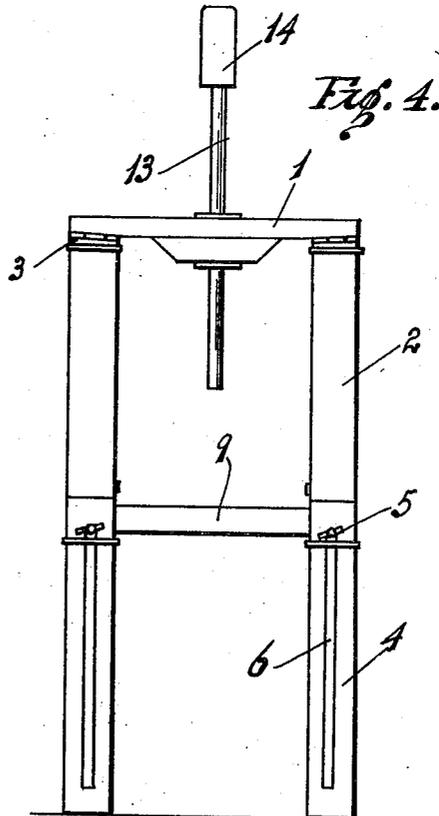
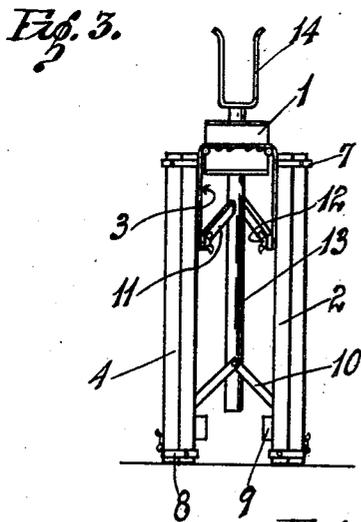
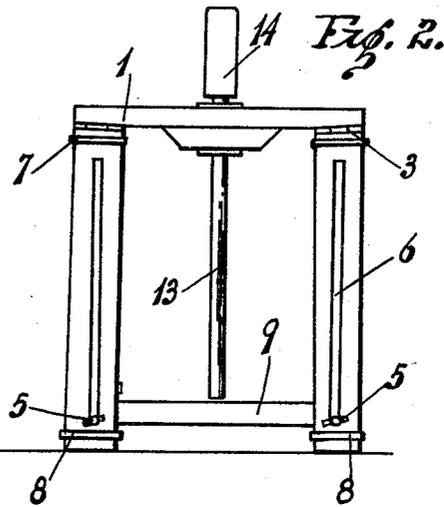
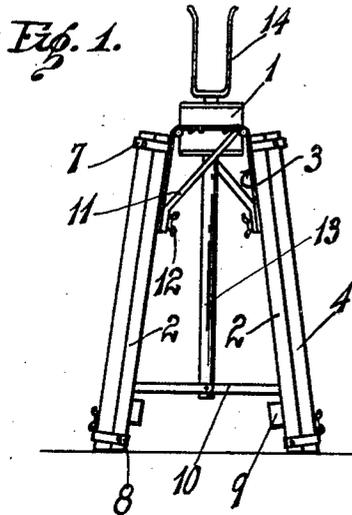
Oct. 1, 1929.

H. BALL

1,730,028

ADJUSTABLE SCAFFOLDING

Filed Aug. 8, 1927



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ADJUSTABLE SCAFFOLDING

Application filed August 8, 1927. Serial No. 211,359.

This invention relates to an adjustable scaffold particularly applicable for plasterers, painters, and the like.

An object of my invention is to provide a scaffold which can be quickly and easily adjusted.

Another object is to provide a scaffold which can be adjusted by one man without having to remove intricate bolts, rods, and the like.

Still another object is to provide a scaffold which can be folded into a compact bundle and which may be then readily transported from place to place.

Other objects, advantages, and features of invention may appear from the accompanying drawing, the subjoined detailed description, and the appended claim.

In the drawing—

Fig. 1 is an end view of my scaffold in extended position.

Fig. 2 is a side view of the same.

Fig. 3 is an end view of the scaffold in collapsed position.

Fig. 4 is a side view of the scaffold when fully extended.

Fig. 5 is an enlarged fragmentary sectional view of the head plate showing the post engaging means.

Referring more particularly to the drawing:

My scaffold comprises a head plate 1 which may be made of either wood or metal, as desired. To the ends of the head plate 1 I hinge four legs 2, which legs are secured to the plate by means of hinges 3. Extension legs 4 are slidably mounted on the legs 2 and are held in adjusted position by wing-nuts and bolts 5 which travel in slots 6 formed in the legs 4. Guide straps 7 are secured to each of the extension legs 4 adjacent the top thereof and bear against the legs 2 to properly guide the legs 4 in their movement.

A strap 8 is secured to each of the legs 2 adjacent the lower end thereof and surrounds the leg 4 to assist in guiding the same. Cross-braces 9 are secured to adjacent pairs of legs 2, 2, thus providing side braces and preventing the outward movement of the legs when under a load. Hinged end braces 10 are piv-

oted to each pair of legs and this brace holds the legs extended during actual use of the scaffold, and may readily be folded to collapse the legs as shown in Fig. 3.

To further assist in holding the scaffolding rigid when in extended position I provide a pair of brace-rods 11, 11, which rods are pivoted to the legs 2 by wing-nuts 12 and extend upwardly to bear against the bottom of the hinges 3, thus securely holding the scaffold. It may be further stated that the brace-rods 11, 11 cross so that both ends of the scaffold are braced and the strain is more evenly distributed. The hinges 3 are set at a slight angle so that the legs 2, 4 are spread outwardly, thus making a more secure foundation and due to this taper of the hinges the brace-rods 11, are wedged in position, against the hinges.

A post 13 extends vertically through the head plate 1 and a U-shaped rest 14 is provided on the top of the post. The rest 14 is adapted to receive a plank or the like, which extends across the end of the room during the painting or plastering operation, and additional boards are then placed upon the plank to provide the complete scaffold. It is obvious that the rest 14 may be any suitable width to accommodate boards of different thickness or width. For painting operations it is probably more desirable to provide a side rest in which a single board is placed and upon which the workman stands.

The post 13 is adjustable in the plate 1 and is held in adjusted position by a latch 15 which is pivoted in the plate and the end of which is knurled or toothed so as to securely hold in the post 13 and to hold the same against movement. The latch 15 is lifted upwardly when it is desired to adjust the post and upon dropping the latch it engages the post and holds the same securely against downward movement. If the plate 1 is made of wood, reinforcing metal plates 16, 16 are placed on the top and bottom of the head plate 1 to prevent undue wear of the head plate due to the action of the post. Or if desired, a metal sleeve can be inserted around the post.

In operation, for an ordinary height room there is sufficient adjustability in the post 13

without adjusting the legs. For higher
rooms the legs are extended and further ad-
justment is made through the post 13. It
will be evident that adjustments can be rap-
5 idly made since it is only necessary to release
the latch 15, after which the post 13 can be
raised or lowered the necessary amount.

Having described my invention, I claim:

10 An adjustable scaffold comprising a head
plate, rectangular in shape, adjustable legs
secured to said plate at both ends thereof,
a post slidably mounted in said head plate
and positioned centrally thereof, a U-shaped
15 rest secured to the top of said post and adapt-
ed to receive a timber, said head plate hav-
ing a slot formed therein, a latch pivotally
mounted in said slot, said latch being adapted
to engage the side of the post to hold the same
in adjusted position.

20 In testimony whereof, I affix my signature.

HOWARD BALL.

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