Nov. 18, 1930. H. BALL 1,781,911

ADJUSTABLE SCAFFOLDING

Filed Dec. 4, 1929

Fig. 1.

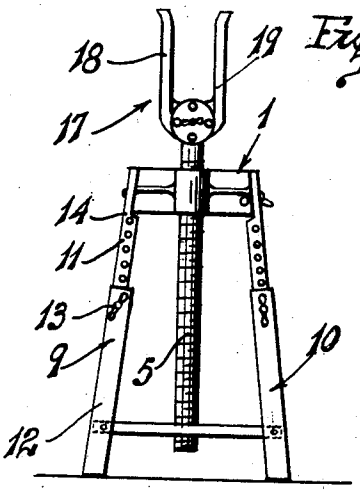


Fig. 2.

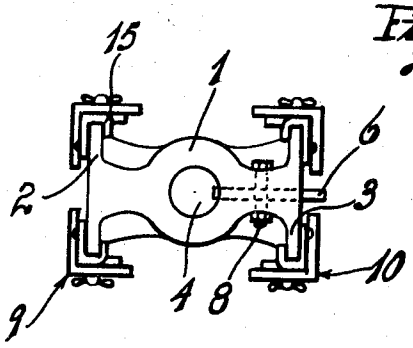


Fig. 3.

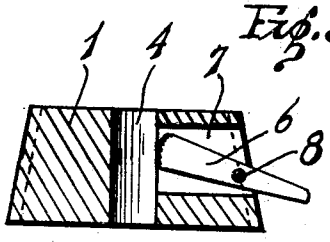


Fig. 4.

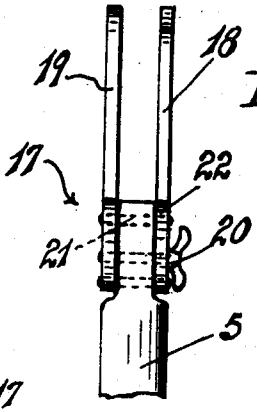


Fig. 5.

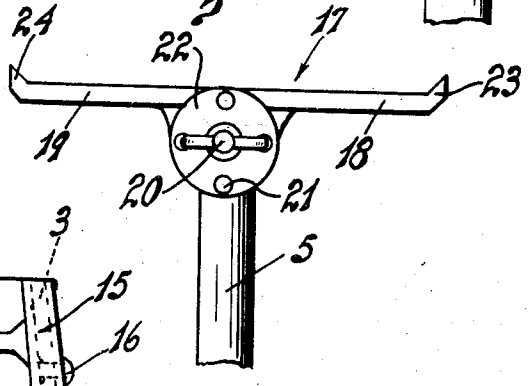
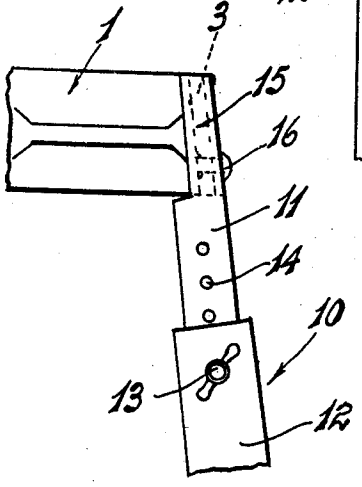


Fig. 6.



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UNITED STATES PATENT OFFICE

HOWARD BALL, OF LONG BEACH, CALIFORNIA

ADJUSTABLE SCAFFOLDING

Application filed December 4, 1929. Serial No. 411,486.

This invention relates to an adjustable scaffolding, particularly useful as a plasterer's or lather's scaffolding, or the like.

An object of my invention is to provide a novel adjustable scaffolding which can be quickly and easily adjusted to the required height, and which is automatically held in the raised position.

Another object is to provide an adjustable scaffolding of the character stated, the head of which can be adjusted to accommodate various widths of boards.

Still another object is to provide a scaffolding which is simple in construction and inexpensive to manufacture.

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

In the drawing—

Figure 1 is a side elevation of my scaffolding.

Figure 2 is a plan view with the adjustable rest removed.

Figure 3 is a transverse sectional view of the head.

Figure 4 is a fragmentary end view of the rest.

Figure 5 is a fragmentary side view of the rest with the arms extended horizontally.

Figure 6 is an enlarged fragmentary side view of the head showing the leg mounting.

Referring more particularly to the drawing, the numeral 1 indicates a head which is preferably a metal casting provided with flanges 2—3, one on either side thereof, and these flanges are flared outwardly towards the bottom of the head so that the legs which are attached thereto will spread out at the base, as will be further described. A vertical hole 4 extends through the center of the head 1, and a post 5 extends through this hole. The post is moved vertically to suit any particular condition and is held in position by means of a latch 6. The latch extends through a slot 7 cut in the side of the head 1, and is pivoted on a pin 8. The inner end of the latch is knurled or toothed so that it will tightly grip the post 5, and hold the post in position. The outer end of the latch extends beyond the head so that the latch can be upwardly swung to disengage the post when it is desired to adjust said post.

A pair of legs 9—9, 10—10 are pivotally secured to the flanges 2—3 respectively, and these legs are preferably made of angle members, an upper member 11, and a lower member 12. The lower member is adjustable on the upper member by means of a bolt 13 which fits in holes 14 in the upper member. As previously stated, the upper members 11 are all pivotally secured to the flanges 2 or 3, and the legs are held against extreme outward movement by the following simple means: The upper end of one of the flanges of the members 11 is bent around the flanges 2 or 3 as shown at 15. The pivot 16 of the legs is adjacent the lower edge of the flanges and therefore the curved section 15 will bear tightly against the outer edge of the flange to limit extreme outward movement of the legs. Of course, the legs can be folded inwardly to make a more compact scaffolding when it is not in use.

A rest 17 is provided on the top of the post 5, and this rest can accommodate a board either edgewise or flat. A pair of arms 18—19 are pivotally secured to the top of the post by means of a set screw 20 which extends through the arms and through the top of the post. To further secure the arms against any possible movement, I provide a plurality of pins 21 which extend through both of the arms and through the post. The arms 18—19 are each formed into an enlarged disc 22 on the lower end thereof, which disc fits against the upper flattened portion of the rod. The upper ends of the arms 18—19 are each bent upwardly at a slight angle as at 23—24 respectively so that when placed in position to receive a flat board, said board will not slip off of the ends of the arms. The post 5 may be knurled or threaded with a shallow thread so that the latch 6 can more effectively grip the same, and hold it against movement.

Having described my invention, I claim:

1. An adjustable scaffolding comprising a head formed as a metal casting, flanges on both sides of the head, pairs of legs depend-

ing from each side of the head, said legs being formed of structural angles, means pivotally securing the legs to the flanges, a post extending through the head and a latch pivotally mounted in the head, the inner end of said latch engaging the post, and a rest on the upper end of said post.

2. An adjustable scaffolding comprising a head formed as a metal casting, flanges on both sides of the head, pairs of legs depending from each side of the head, said legs being formed of structural angles, means pivotally securing the legs to the flanges, a post extending through the head and a latch pivotally mounted in the head, the inner end of said latch engaging the post, and a rest on the upper end of said post, said rest comprising a pair of arms and means adjustably securing said arms to the upper end of the post.

3. An adjustable scaffolding comprising a head formed as a metal casting, flanges on both sides of the head, pairs of legs depending from each side of the head, said legs being formed of structural angles, the upper end of one of the flanges of each of said legs being wrapt around said first named flanges, a pin extending through the legs and through the flanges thereby pivotally mounting the legs to the head, said head having a slot extending through one side thereof, a latch pivotally mounted in said slot, a post extending through the head, the inner end of said latch engaging said post whereby said post is held against downward movement, and a rest on top of said post.

4. An adjustable scaffolding comprising a head formed as a metal casting, flanges on both sides of the head, pairs of legs depending from each side of the head, said legs being formed of structural angles, the upper end of one of the flanges of each of said legs being wrapt around said first named flanges, a pin extending through the legs and through the flanges thereby pivotally mounting the legs to the head, said head having a slot extending through one side thereof, a latch pivotally mounted in said slot, a post extending through the head, the inner end of said latch engaging said post whereby said post is held against downward movement, and a rest on top of the said post, said rest comprising a pair of arms, a set screw extending through both of the arms and through the rod and pins extending through the post and arms whereby the arms are adjustably secured to the post.

In testimony whereof, I affix my signature.

HOWARD BALL.