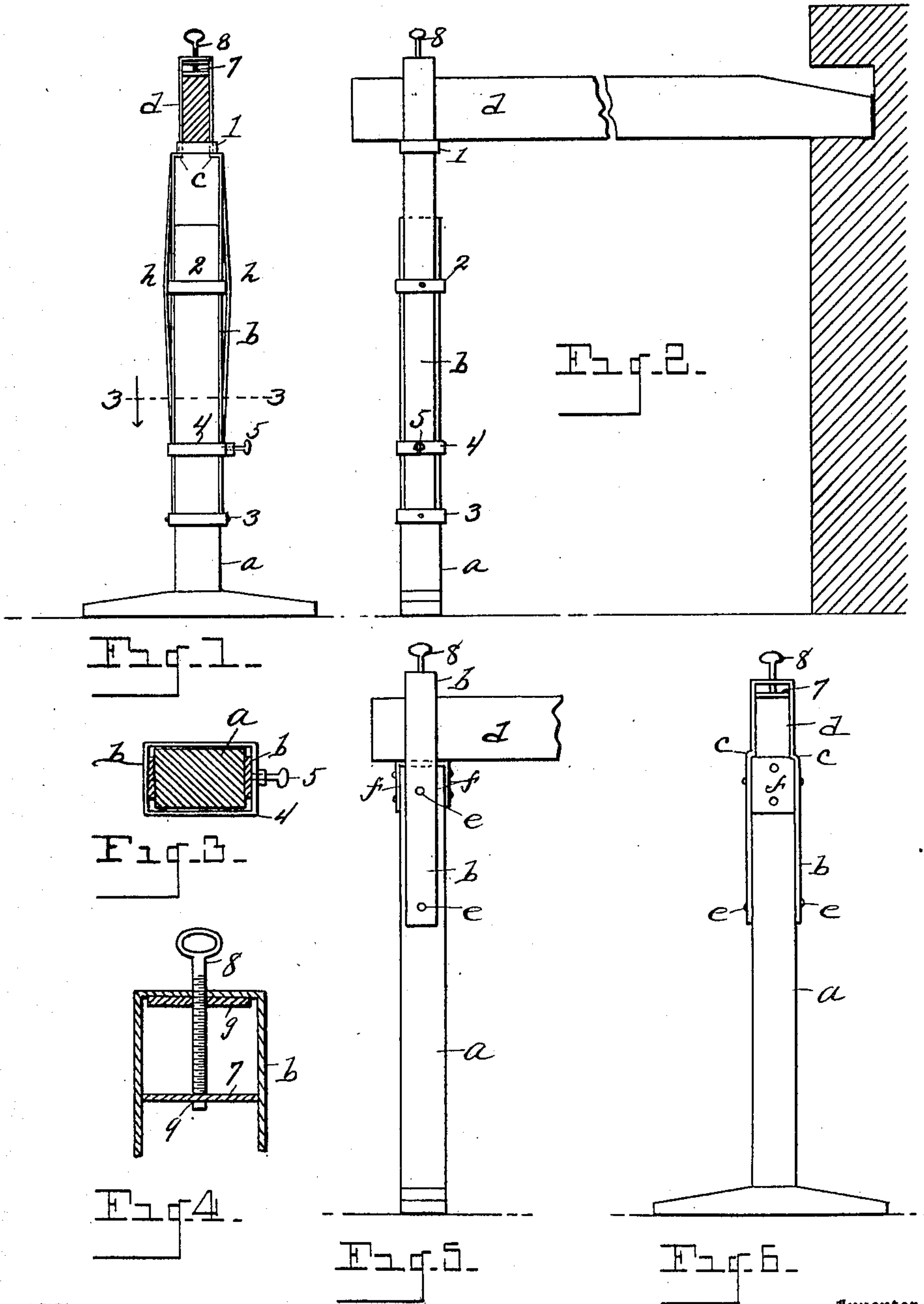


No. 885,507.

PATENTED APR. 21, 1908.

J. MCINTYRE.
PLATFORM SCAFFOLD.
APPLICATION FILED APR. 18, 1907.



Witnesses
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JAMES McINTYRE, OF EDMONTON, ALBERTA, CANADA.

PLATFORM-SCAFFOLD.

No. 885,507.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES McINTYRE, a subject of the King of Great Britain, residing at Edmonton, Province of Alberta, and Dominion of Canada, have invented certain new and useful Improvements in a Platform-Scaffold, of which the following is a specification.

My invention has for its object to provide a platform scaffold of novel design and utility for plastering, lathing, brick work, and for other platform scaffold work, and it consists of the construction, combination and arrangement of devices and appliances hereinafter specified and claimed and illustrated in the accompanying drawings, in which,

Figure 1 is a view in end elevation. Fig. 2 is a view in side elevation. Fig. 3 is a view in section on the line 3—3, Fig. 1. Fig. 4 is an enlarged detail view of certain of the parts. Fig. 5 is a view in side elevation illustrating a modification. Fig. 6 is an end view of the modification shown in Fig. 5.

Certain features of my invention are more particularly designed and adapted for an extension platform scaffold.

I carry out my invention as follows:

A wooden upright is indicated at *a*. A metal yoke is indicated at *b* constructed in any suitable manner, the same, however, may consist of band iron bent into desired form to extend downward on preferably two sides of the wooden upright, the top of the wooden upright is indicated at *c*, the upper end of the yoke being extended to form a loop or clevis into which a horizontal bar *d* is engaged. Said bar at its inner end may rest in a suitable notch in the wall as shown. Metal bands indicated by the numerals 1, 2 and 3 are formed engaged with the yoke.

In the form shown in Figs. 1-4, the yoke is made vertically adjustable upon the upright, an additional band 4 being provided engaged with said yoke, the band 4 being provided with a set screw indicated at 5 to hold the yoke in any given position of vertical adjustment upon the upright. The cross piece *d*, it will be observed, rests upon the band 1. Engaged with the upper end of the yoke is a plate 7 movable therewithin and provided with a tightening screw 8 projecting through the upper end of the yoke. The bands 2 and 3 may be riveted, if desired, or otherwise suitably secured to the yoke on opposite sides thereof, the band 4 being rigidly engaged with the yoke upon only one side thereof.

It will be apparent that when the yoke is in position upon the upright, the yoke with the bands make practically a square metallic frame work which is movable up and down over the wooden upright as above set forth. The screw 8 may be threaded through the top of the device. In Fig. 4 I have shown the lower end of the screw made with a reduced end as indicated at 9 passed through the tightening plate to hold the plate in position and bind the cross piece *d* firmly in place upon the upright yoke.

As shown in Figs. 5 and 6, the yoke is not made adjustable, but is shown as being rigidly secured to the upright, a metallic clip *f* being secured upon the upper end of the upright. In this case the yoke is provided at its upper end as hereinbefore explained, with a tightening plate 7 and tightening screw 8. The upper end of the yoke, it will be seen, is preferably reduced to form the loop receiving the outer end of the cross piece *d*. The employment of the clip *f* prevents the upper end of the wooden upright from splitting or wearing.

By forming the scaffold in the manners indicated in Figs. 5 and 6, a brick contractor for example, would only need to take the uprights with their yokes from one job to another, as there would generally be plenty of short pieces around to use for the horizontal supports.

It will be evident that this invention makes a very neat and compact device, one which may be easily knocked down and stored away or transported, if desired.

In Fig. 1 of the drawings I have shown reinforcing bars indicated at *h* extending preferably from the band 1 over the outside of the band 2 to a position a little above the tightening band 4. These bars may be riveted to the yoke at each end thereof and obviously will serve to strengthen the yoke or metal frame when it is extended.

What I claim as my invention is:

1. A platform scaffold comprising a vertical upright, a vertically arranged adjustable yoke extending longitudinally of the upright provided with downwardly projecting arms on opposite sides of the upright, and with a loop extending above the upright, means to adjustably secure the yoke in given position horizontally upon the upright, a horizontally extended putlog having its outer end engaged with said loop above the upright, means to tighten the putlog in given position in the

yoke, and an encircling band at the base of the loop upon which the outer end of the putlog rests.

2. A platform scaffold comprising a vertically extended upright, a vertically arranged adjustable yoke extending longitudinally of the upright, provided with downwardly projecting arms on opposite sides of the upright, and with a loop extending above the upright, horizontal bands encircling the upright and engaged with the arms of said yoke below said loop to secure the yoke upon the upright, a horizontally extended putlog having its outer extremity supported in said loop above the upright, means to hold the outer end of the putlog in position in the loop, and an encircling band at the base of the loop upon which the outer end of the putlog rests.

3. A platform scaffold comprising a vertically extended upright, a vertically arranged

metallic yoke extending longitudinally of the upright provided with downwardly projecting arms on opposite sides of the upright and having a movable engagement upon the upright, said yoke provided with a loop extending above the upright, means to fasten the yoke in position upon the upright, a horizontally extended putlog having its outer extremity supported in said loop, and an encircling band at the base of the loop upon which the outer end of the putlog rests, said yoke provided with downwardly extended reinforcing bars secured to said arms for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES MCINTYRE.

Witnesses:

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