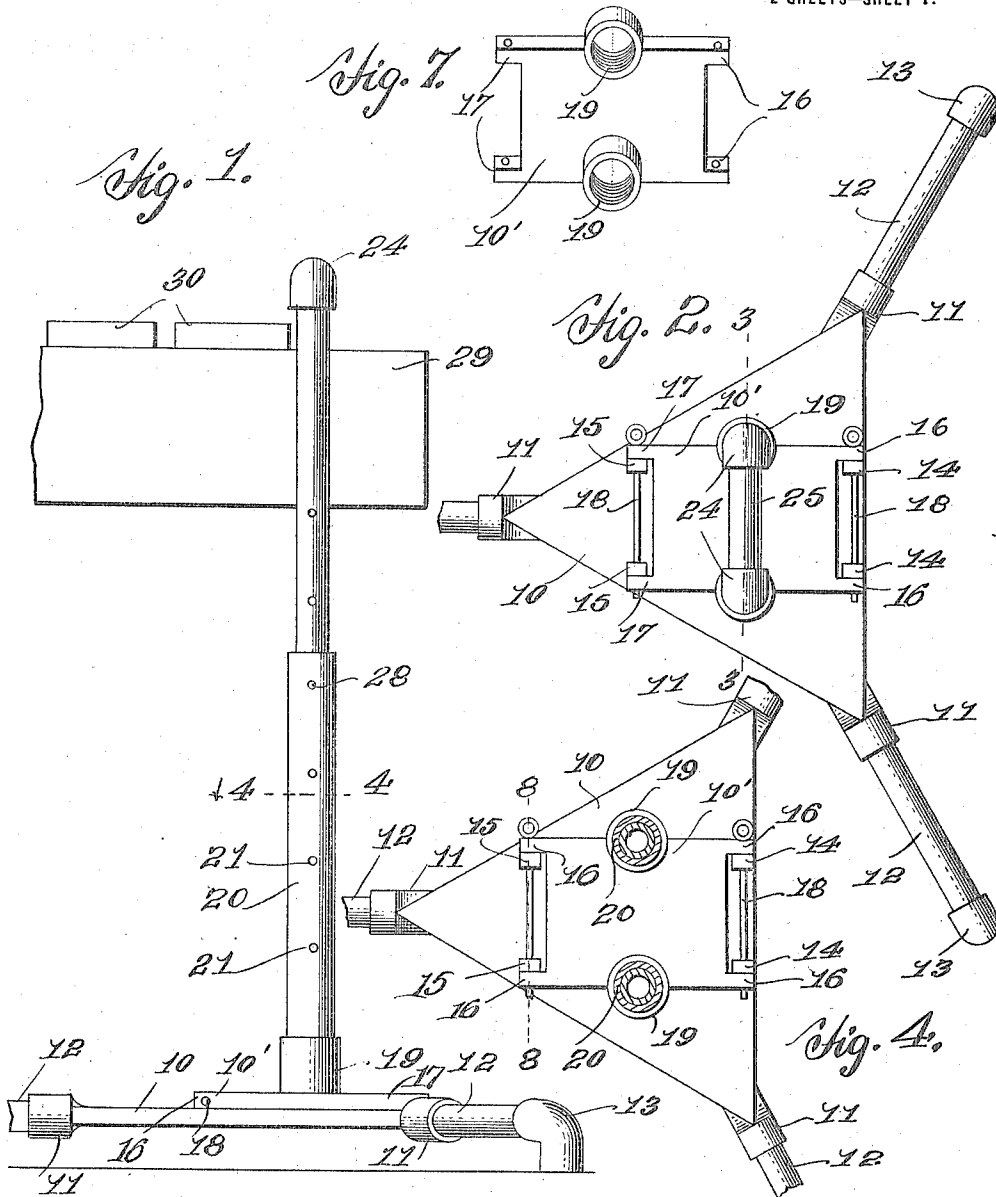


T. C. JOHANSEN.
SCAFFOLD.
APPLICATION FILED NOV. 9, 1917.

1,273,231.

Patented July 23, 1918.
2 SHEETS—SHEET 1.



Witnesses
W. Cook
J. M. Test

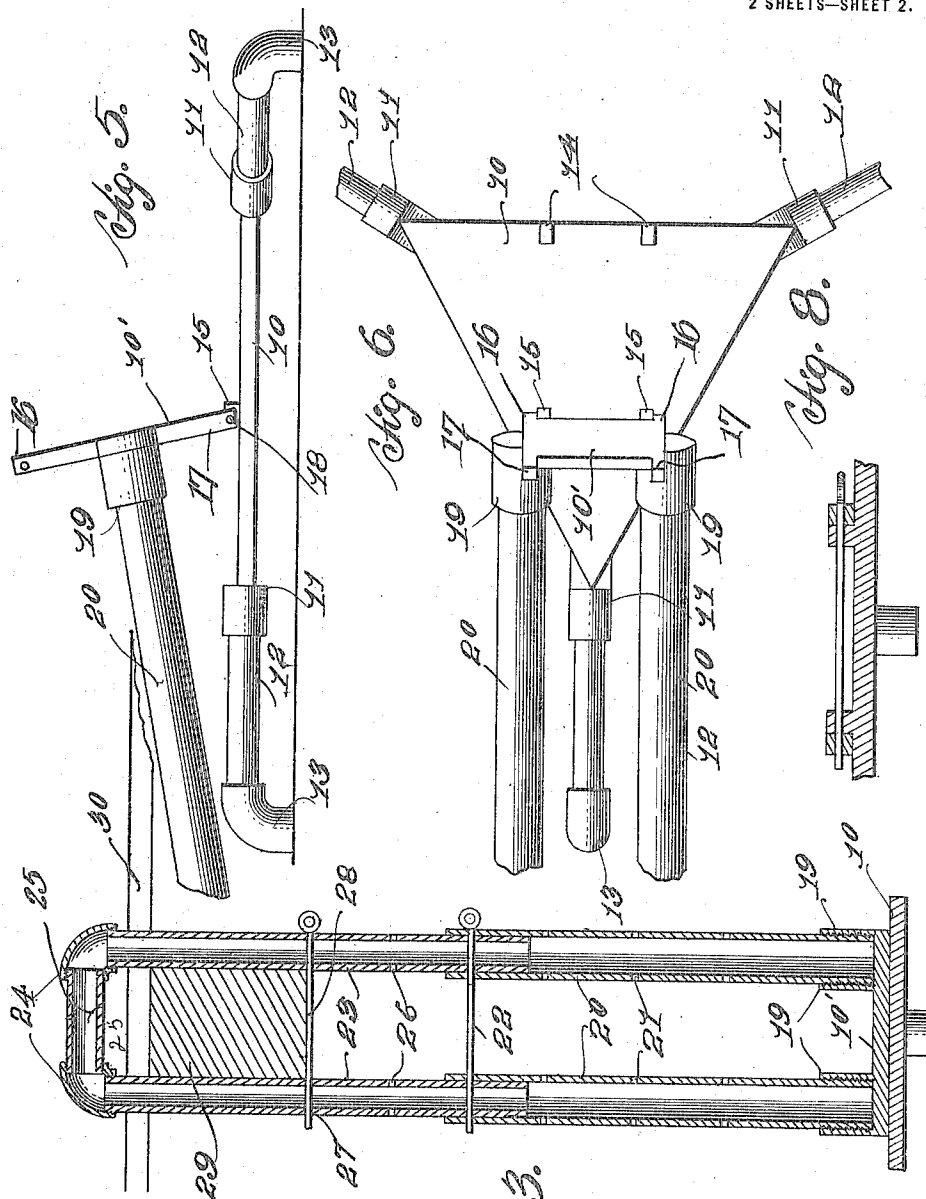
Inventor
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Fig. 3.

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UNITED STATES PATENT OFFICE.

THORVALD C. JOHANSEN, OF GRAND ISLAND, NEBRASKA.

SCAFFOLD.

1,273,231.

Specification of Letters Patent.

Patented July 23, 1918.

Application filed November 9, 1917. Serial No. 201,170.

To all whom it may concern:

Be it known that I, THORVALD C. JOHANSEN, a citizen of the United States, residing at Grand Island, in the county of Hall, State of Nebraska, have invented certain new and useful Improvements in Scaffolds; 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.

This invention relates to new and useful improvements in scaffolds, and particularly to scaffolds used by plasterers or carpenters.

One object of the present invention is to provide an improved device of this character which can be quickly and easily set up and adjusted to the desired height to suit the user.

Another object is to provide a device of this character which can be quickly and easily folded for transportation.

A further object is to provide a device of this character which is simple in construction and which is durable and effective in use.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawing.

In the drawing:

Figure 1 is a side elevation of the upright supports of my improved scaffold.

Fig. 2 is a top plan view of the same.

Fig. 3 is a vertical sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is a horizontal sectional view taken on the line 4—4 of Fig. 1.

Fig. 5 is a side elevation of the device in folded position.

Fig. 6 is a top plan view of the device in folded position.

Fig. 7 is a perspective view of the pivoted and removable plate.

Fig. 8 is a transverse sectional view taken on the line 8—8 of Fig. 4.

Referring particularly to the accompanying drawing, 10 represents a metal base plate which is triangular in outline and has at the corners, the internally threaded socketed members 11, said members being formed integrally with the plate. Into these socketed members are screwed the pipe sections 12, and on the other ends of these pipe sections are engaged the elbows 13

which form the feet which rest on the floor to elevate the plate a slight distance thereabove. On the upper face of the plate, and adjacent one of the sides, there are formed the vertical apertured lugs 14, while a similar pair of apertured lugs 15 are formed adjacent the opposite angle. A metal plate 10' having the opposite ends formed with the apertured lugs 16 and 17, respectively, is disposed with its lugs in alinement with the lugs of the base plate and receiving therethrough the pins 18.

In the opposite longer sides of the plate 10' there are formed the vertical internally threaded socket members 19, and engaged in these sockets are the vertical parallel pipes 20. Each of these pipes has formed transversely therethrough the openings 21, the openings of one pipe being in alinement with the openings of the other pipe for the reception of the removable pin or rod 22. Slidable vertically within the pipes 20 are the pipes 23 the upper ends being provided with the elbows 24 which are connected by the short length of pipe 25. Thus there is formed an inverted U-shaped member which is slidable vertically within the pipes 20. In the lower ends of the pipes 23 are the transverse alined openings 26 which also receive the removable pin 22, whereby said U-shaped member is capable of being held at various heights. Through the upper end portions of the pipes 23 are openings 27, through which is engaged a removable pin 28.

There are four sets of uprights and bases therefor, and arranged to be supported on the upper pins 28 is a pair of planks 29, and supported on these planks are the cross strips or boards 30 which form the platform on which the plasterers or carpenters stand while at work on the ceilings or higher portions of the walls.

When the device is to be moved one of the pins 18 is removed and the pipes 20 and 23 swing downwardly on the other pin 18, as a pivot, as clearly seen in Figs. 5 and 6.

By adjusting the pins 22 and 28 the desired height of the platform can be readily attained.

It will also be noted that the planks 29 are disposed within the upper ends of the U-shaped members, and thus held from any movement which would tend to cause the collapse of the scaffold.

The device being formed from metal tubing provides a very strong and durable structure which will readily support several men while at work. The pipes 12, together with the elbows carried thereby, form legs which prevent the overturning of the supports in any direction. The use of the tubing and screw sockets results in the cheapening of the manufacture of the device and also makes it easy to ship the device in a knockdown condition, whereby valuable space will be economized.

What is claimed is:

1. A scaffold member including a base having socket members, legs engaged in the sockets, a plate removably and pivotally mounted on the base, socket members car-

ried by the plate, and vertical uprights engaged in the last-named socket members.

2. A scaffold member including a base having radially extending horizontal leg members, a plate pivotally and detachably mounted on the base, socket members carried by the plate, upright members detachably engageable in the socket members, and platform supporting means carried by the upright members.

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

THORVALD C. JOHANSEN.

Witnesses:

T. O. C. HARRISON,
J. T. STEWARD.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."