April 28, 1925.

1,535,978

H. T. BAKER

PORTABLE SCAFFOLD

Filed May 5, 1924

Fig. 4.

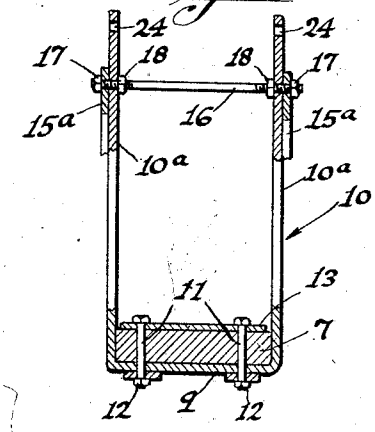


Fig. 1.

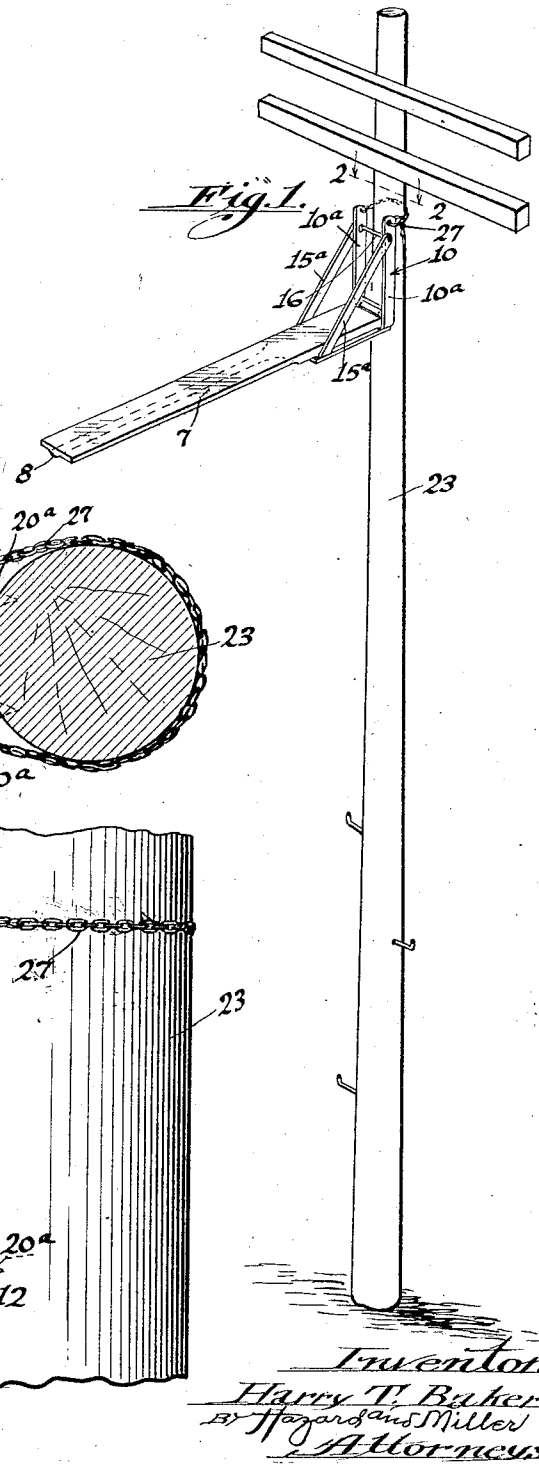


Fig. 2.

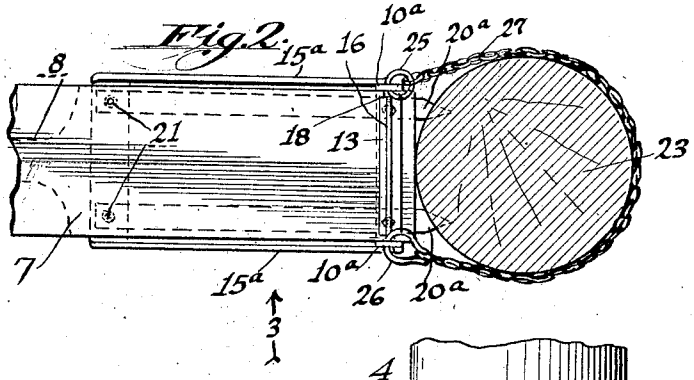
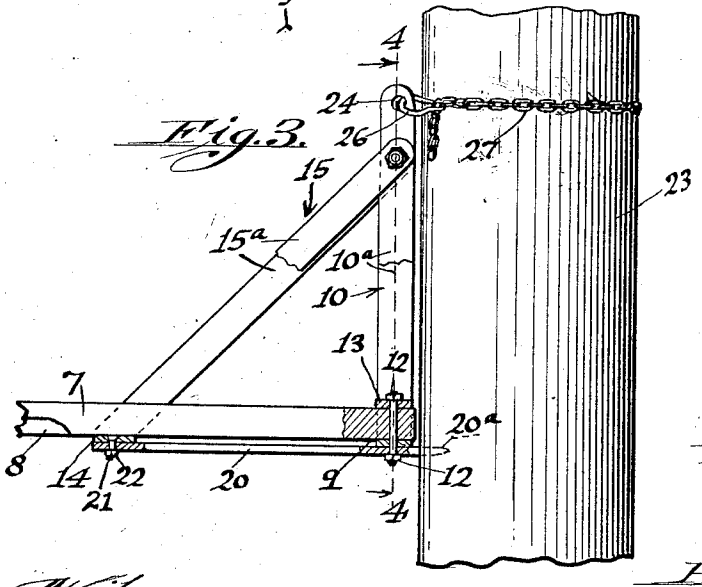


Fig. 3.



Witness:

Inventor:
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Patented Apr. 28, 1925. 1,535,978

UNITED STATES PATENT OFFICE.

HARRY T. BAKER, OF LOS ANGELES, CALIFORNIA, ASSIGNOR OF ONE-HALF TO EDGAR C. TAYLOR, OF LOS ANGELES, CALIFORNIA.

PORTABLE SCAFFOLD.

Application filed May 5, 1924. Serial No. 711,145.

To all whom it may concern:

Be it known that I, HARRY T. BAKER, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Portable Scaffolds, of which the following is a specification.

This invention relates to a safety appliance, and more particularly it relates to a portable scaffold adapted to be used by linemen and the like for working on upright bodies, such as poles.

An object of this invention is the provision of a portable scaffold adapted to be held securely to a pole or its equivalent.

Another object of this invention is the provision of a simple, strong and efficient portable scaffold.

With the foregoing objects in view, together with such other objects and advantages as may subsequently appear, this invention consists in the construction and arrangement of parts hereinafter described and claimed and illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of my device secured to a pole,

Fig. 2 is a fragmentary section taken on the line 2—2 of Fig. 1,

Fig. 3 is a side elevation, partly in section, taken in the direction of the arrow 3 of Fig. 2, and

Fig. 4 is a section taken on the line 4—4 of Fig. 3.

Referring to the drawings for a more detailed description thereof, the numeral 7 indicates a platform provided with a strengthening rib 8 formed on its under face. The bottom 9 of a U strap 10 is secured to the lower face of the platform 7 at the inner end thereof by means of bolts 11 provided at their ends with nuts 12. The bolts 11 pass through the bottom 9 of the U strap 10 through the platform 7 and through a transverse cleat 13.

The bottom 14 of a U strap 15 is in contact with the lower face of the platform 7, and the sides 15^a of the U strap 15 are inclined upwardly from the platform and are secured to the sides of 10^a of the U strap 10 by means of a threaded bolt 16 provided with nuts 17 contacting with the outer faces of the members 15^a and with nuts 18 contacting with the inner faces of the members 10^a, as best shown in Fig. 4. The straps 10 and 15 form a brace for the platform 7.

Sharp pointed members 20 are secured to the bottom 14 of the strap 15 by means of screws 21 provided with nuts 22 and are secured to the bottom 9 of the strap 10 by means of the bolts 11. The sharp points 20^a of the members 20 are adapted to penetrate a pole 23 on which the safety appliance is to be used, the penetration being clearly shown in Fig. 2. The penetration of the points 20^a into the pole 23 aids in securing the device to the pole and prevents its lateral movement relative to the pole.

The side members 10^a of the U strap 10 are provided with apertures 24. The end links 25 and 26 of a chain 27, which is adapted to go around the pole 23, engage the apertures 24. The end link 26 is suitably formed to allow it to engage adjacent links of the chain, so that the chain, which aids in securing the device to the pole, may be adjusted more or less tightly, as desired.

It will thus be seen that I have provided a safety appliance for linemen, for example, and that the device, as described, fulfills the objects of the invention.

This invention has been described, but modifications thereof may be devised without departing from the spirit thereof, and it is to be understood that such modifications come within the scope of this invention.

What is claimed is:

1. An adjustable scaffold comprising a platform, a pair of members rigidly secured to said platform and extending upwardly from the end thereof, a pair of rigid inclined braces rigidly secured to said platform and to said pair of members, a flexible element attached to one of said members for securing said platform to an upright body, and a piercing point associated with said platform adapted to penetrate said body.

2. A portable scaffold comprising a platform, a member rigidly secured to said platform adjacent one end thereof, said member having its ends bent upwardly to provide a pair of upright members, a brace secured to said platform having its ends bent upwardly and forwardly and secured to said upright members, means for securing said upright members to an upright body, and

piercing points rigidly associated with said platform adapted to pierce said body.

3. An adjustable scaffold comprising a platform, a U-shaped strap secured to said platform adjacent one end thereof, an inclined U-shaped brace extending beneath said platform and secured to said U-shaped strap, means associated with said U-shaped strap for adjustably securing said platform to an upright body, and members carrying piercing points rigid with said platform, each of the pointed members being secured to said U-shaped strap and brace.

In testimony whereof I have signed my name to this specification.

HARRY T. BAKER.