No. 871,465. PATENTED NOV. 19, 1907.

H. J. WHIPPERMAN.

ADJUSTABLE SCAFFOLD TRESTLE.

APPLICATION FILED SEPT. 25, 1906.

Fig. 1.

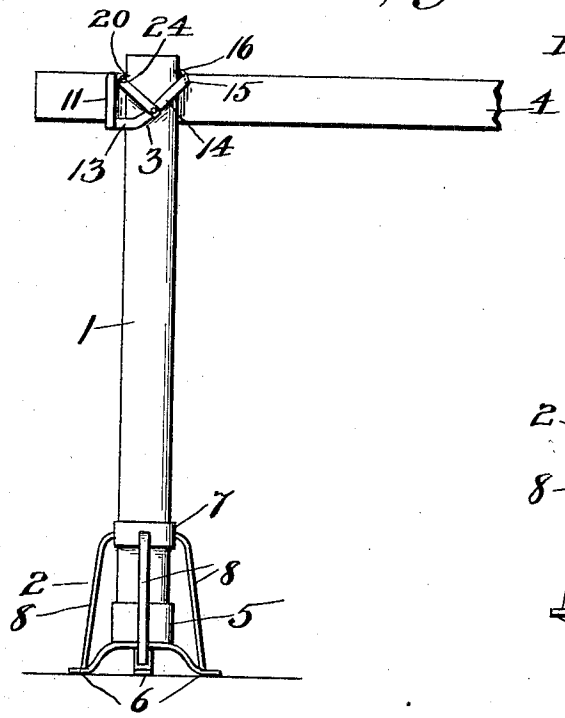


Fig. 5.

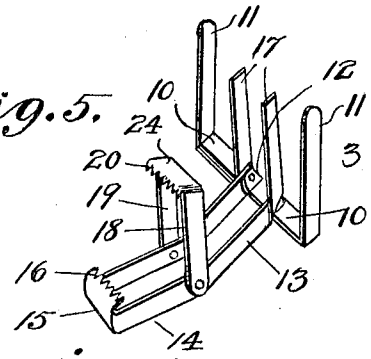


Fig. 4.

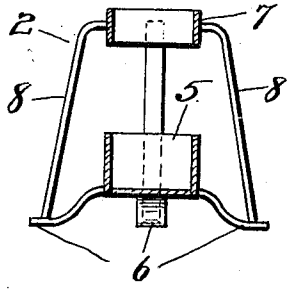


Fig. 2.

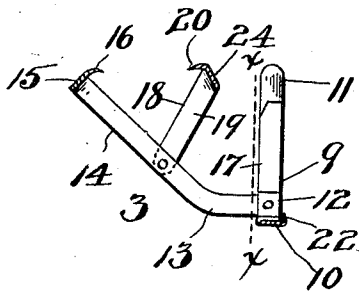
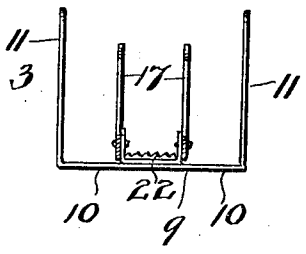


Fig. 3.



Witnesses

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ADJUSTABLE SCAFFOLD-TRESTLE.

No. 871,465. Specification of Letters Patent. Patented Nov. 19, 1907.

Application filed September 25, 1906. Serial No. 336,099.

To all whom it may concern:

Be it known that I, HARRY J. WHIPPERMAN, a citizen of the United States, residing at Dixon, in the county of Lee and State of Illinois, have invented certain new and useful Improvements in Adjustable Scaffold-Trestles, of which the following is a specification.

My invention relates to scaffold trestles and has for its object the provision of a trestle in which the horizontal cross beam is supported by brackets removably and adjustably secured to the uprights. The uprights are supported by sockets into which their lower ends are inserted. By this construction the trestle is quickly dismembered or knocked down when it is not in use.

The construction and advantages of my invention will be explained in detail hereinafter and illustrated in the accompanying drawings in which—

Figure 1 is a side view of a trestle embodying my improvements, Figs. 2 and 3, enlarged detail views of one of the adjustable brackets, Fig. 4, a detail view of one of the sockets, and Fig. 5, a perspective view of one of the brackets.

In the drawings similar reference characters indicate corresponding parts throughout the several views.

My improved trestle comprises uprights 1, removably seated in base supports 2, brackets 3 removably and adjustably secured to uprights 1, and the horizontal beam 4 supported on brackets 3. The base supports 2 comprise the sockets 5 having feet 6 extending therefrom and collars 7 supported above the sockets 5 by means of arms 8. The brackets 3 consist of supporting members 9 having the base portions 10 and uprights 11 and with U-shaped clips 12 secured in the middle of each base portion 10 to which are pivotally secured clamping jaws 13. The clamping jaws 13 comprise a U-shaped member having angular arms 14 connected by a cross piece 15 having biting teeth 16 formed thereon, the ends of arms 14 are formed with upright portions 17 and the clips 12 are pivotally secured at the angle formed by arms 14 and upright portion 17. 18 indicates a U-shaped jaw comprising arms 19 having their ends pivotally secured to arms 14 and having biting teeth 20 formed on the cross piece 21. The base portions 10 are also formed with upwardly extending teeth 22 opposite the U-shaped clips 12.

In assembling my improved trestle the uprights 1 are first inserted in supports 2. A bracket 3 is then placed on each upright, the upright being inserted between the arms 14 and 19 of clamping jaws 13 and the biting teeth 16 and 20 pressed into the edges thereof. The horizontal beam 4 is then placed in position on the base portions 10 between one of the uprights 11 and uprights 17. If desired the beam may be inserted between the uprights 17 and rest upon teeth 22 which would prevent it from slipping out.

It will be understood from an inspection of the drawings that the greater the weight on beam 1 the more securely will the brackets 3 be secured to the uprights and that as the base portion 10 of each bracket 3 is pivotally secured to clamping jaws 13 the bracket accommodates itself to the different widths of uprights 1 and to the adjustment of the jaws as the teeth 16 and 20 sink into the upright.

Having thus described my invention what I claim is—

1. In combination with an upright and a horizontal beam, a bracket comprising jaws pivotally secured together and engaging the upright, and a base portion with upright arms pivotally secured to said jaws to support the beam, substantially as shown and described.

2. In combination with an upright and a horizontal beam, a bracket comprising a base portion to support said beam having upright arms, a U-shaped clip secured to said base portion, and jaws comprising a U-shaped member pivotally secured to said clip, and another U-shaped member pivotally secured to the first-named U-shaped member, both of said U-shaped members having teeth to engage the upright aforesaid, substantially as shown and described.

3. In combination with an upright and a horizontal beam, a bracket comprising a base portion to support said horizontal beam, a clip secured to said base portion, and jaws pivotally secured together and pivotally secured to the clip, said jaws being provided with teeth to engage said upright, substantially as shown and described.

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

HARRY J. WHIPPERMAN.

Witnesses:
JOHN MADICK,
W. T. MILLER.