

Oct. 16, 1923.

1,471,223

G. TOMLINSON
COLLAPSIBLE TRESTLE
Filed Nov. 16, 1922

Fig. 1.

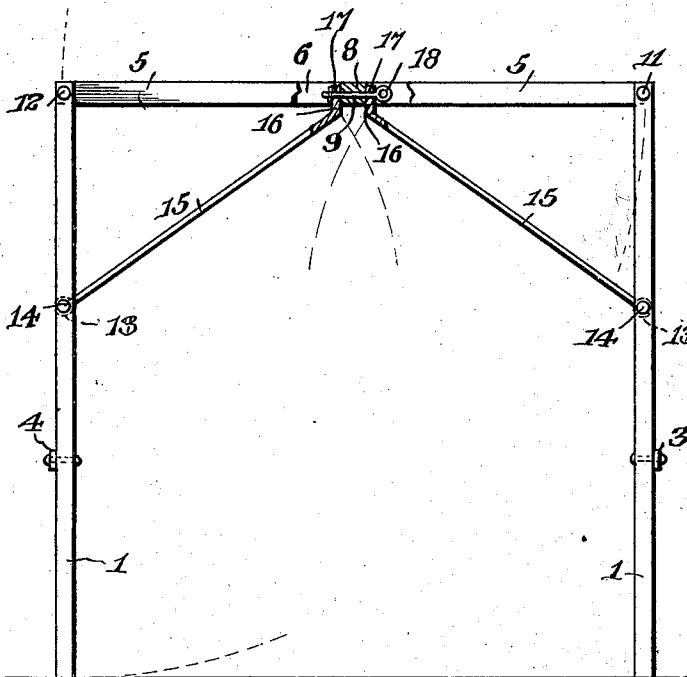


Fig. 2.

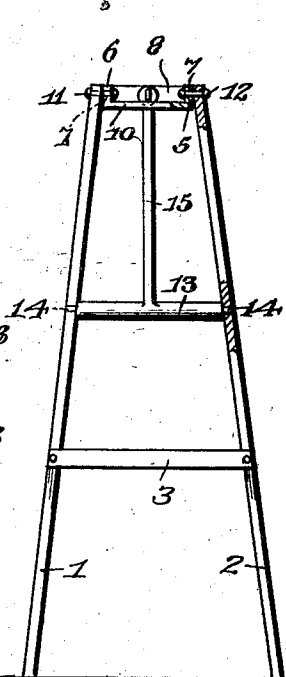


Fig. 3.

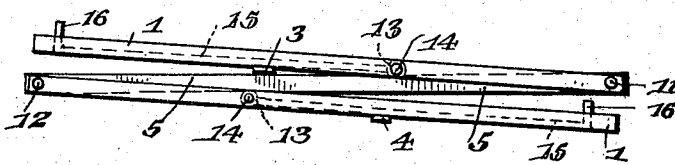
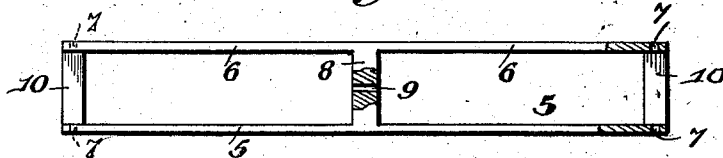


Fig. 4.



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GEORGE TOMLINSON, OF GALLATIN, MISSOURI.

COLLAPSIBLE TREESTLE.

Application filed November 16, 1922. Serial No. 601,333.

To all whom it may concern:

Be it known that I, GEORGE TOMLINSON, a citizen of the United States, residing at Gallatin, in the county of Daviess and State of Missouri, have invented certain new and useful Improvements in Collapsible Trestles, of which the following is a specification.

This invention relates to a collapsible trestle, designed primarily for use as a brick layer's scaffold, but it is to be understood that a trestle in accordance with this invention, can be employed for various other purposes, and the invention has for its object to provide in a manner as hereinafter referred to, a trestle construction which can be readily extended to supporting position, and quickly collapsed when occasion so requires.

Further objects of the invention are to provide a trestle of such class, which is simple in its construction and arrangement, strong, durable, compactly foldable, easily transported, as well as saving of space and in cost of transportation, readily assembled, and comparatively inexpensive to manufacture.

With the foregoing and other objects in view the invention consists in the novel construction, arrangement and combination of parts as hereinafter more specifically described, and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to, which fall within the scope of the claim hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:—

Figure 1 is a side elevation of a trestle in accordance with this invention, partly in section.

Fig. 2 is an end elevation, partly in section.

Fig. 3 is a side elevation with the trestle collapsed.

Fig. 4 is a sectional plan of the head member.

Referring to the drawings in detail, a trestle in accordance with this invention, comprises two pair of inclined standards 1, 2, and with the standards of each pair inclining inwardly toward their upper end and to the outer side edges of each pair of standards is secured a horizontal brace member 3, the latter is arranged between the center and the lower ends of the pair of

standards, and the said brace member 3 has its ends secured, by bolts 4, to the standards 1, 2.

Extended from the upper ends of one pair of standards to the upper ends of the other pair of standards, is a skeleton head member having its ends arranged between and hinged to the upper ends of the standards. The head member consists of a pair of parallel side bars 5, 6, each formed with an opening 7, at each end thereof, and the said bars 5, 6, are connected together medially by an integral transversely extending coupling bar 8, which is provided with a centrally disposed opening 9, arranged in parallelism with the bars 5, 6.

Formed integral with the lower edges of the bars 5, 6, at each end thereof, is a flat end member 10.

The upper ends of the standard 1, are hinged to one end of the bar 5, as at 11 and the upper end of the standard 2 is hinged to one end of the bar 6, as at 12. By the hinging of the standards 1, 2, in the manner as stated, when the trestle is collapsed, one pair of standards can be moved over the head member and the other pair of standards can be swung upwardly towards the head member, as clearly shown in Fig. 3.

Associated with each pair of standards and with the head member, is a brace element, which is of inverted T-shape, and which consists of a base 13, provided with pintles 14, which are journaled in the standards 1, 2, the base 13 being positioned between the standards 1, 2, above the brace member 3. Formed integral with and projecting from the base 13, is a stem 15, having its free end formed with an extension 16 and which is disposed at an angle with respect to the stem 15 and formed with an opening 17.

When the trestle is extended, the extensions 16 are positioned at opposite sides of the coupling bar 8, and the opening 17, formed in the extensions 16, are arranged to register with the opening 9 in the coupling bar 8. Extended through the openings 9 and 17, is a removable fastener element 18 and which is common to the extensions 16 and the coupling bar 8, for the purpose of detachably connecting the brace elements to the coupling bar 8, for not only maintaining the trestle extended, but for bracing the head member with respect to the standards. The brace elements also act

as means for bracing the standards and further for sustaining them in an upright position when the trestle is extended.

When the fastener element 18 is removed from the coupling bar 8 and extension 16, the brace elements can be shifted in the direction as indicated by the dotted lines, and one of the brace elements and that pair of standards to which it is attached can be folded over the head member and the other brace element and the standards to which it is attached, can be folded against the head member whereby the trestle will be in a compact position as illustrated in Fig. 3.

From the foregoing description, in connection with the drawings, a collapsible construction of trestle is set up, which can be conveniently extended and folded when occasion so requires, and although the preferred embodiment of the invention is as is illustrated, yet it is to be understood that changes in the details of construction can be had without departing from the spirit of the invention as claimed.

What I claim is:—

A collapsible trestle comprising a rectangular skeleton head member provided me-

dially thereof with a transversely extending coupling bar formed with a transversely extending opening, two pair of standards, means for hinging one pair to one end of said member, means for hinging the other pair to the other end of said member, a pair of inverted T-shaped brace elements oppositely disposed with respect to each other and each including a base and a shank, said base arranged between and having its ends journaled in a pair of said standards, said shank extending inwardly and upwardly from said base medially thereof and provided with an angular extension capable of being arranged medially of one side of the coupling bar when the trestle is extended and formed with the openings registering with one end of the opening in the coupling bar, and means common to said extensions and said coupling bar and extending through said registering openings for detachably connecting the extensions to the coupling bar.

In testimony whereof, I affix my signature hereto.

GEORGE TOMLINSON.