

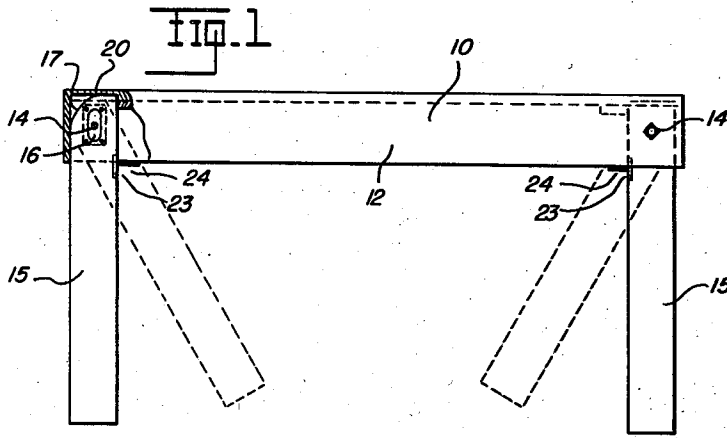
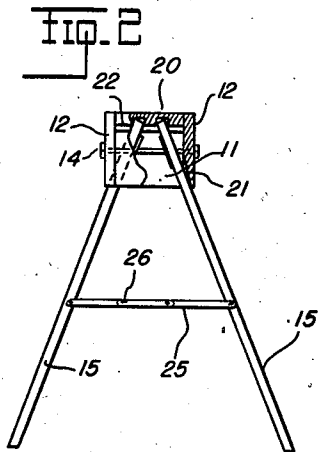
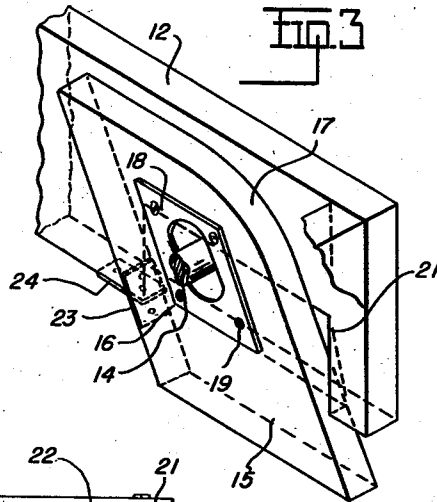
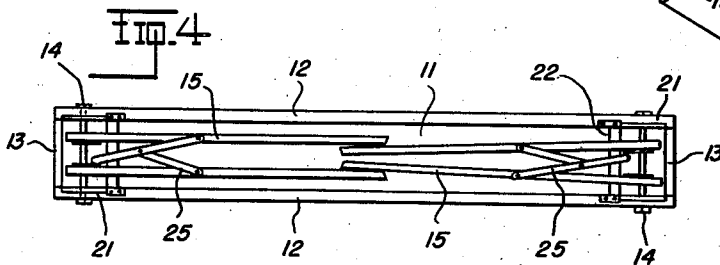
March 19, 1946.

J. MACLASKEY

2,396,737

SAW HORSE

Filed May 18, 1945



INVENTOR.

JOHN MACLASKEY

BY *Victor J. Evans & Co.*

ATTORNEYS

UNITED STATES PATENT OFFICE

2,396,737

SAWHORSE

John MacIskey, Los Angeles, Calif.

Application May 18, 1945, Serial No. 594,523

3 Claims. (Cl. 304—5)

The invention relates to a trestle, and more especially to a knockdown or foldable sawing trestle.

The primary object of the invention is the provision of a trestle of this character, wherein the legs thereof can be firmly and securely held in supporting position or knocked-down or folded, and when in the latter condition, the trestle can be conveniently carried from one place to another or stored in the least possible space.

Another object of the invention is the provision of a trestle of this character, wherein the legs are mounted in a novel manner for the quick setting up and knocking down of the trestle, the latter when set up being firm and will not accidentally collapse during the use thereof, for example in supporting wood or other materials for the sawing thereof.

A further object of the invention is the provision of a trestle of this character, which is simple in construction, thoroughly reliable and efficient in operation, strong, durable, readily and easily folded and unfolded, possessed of few parts, firm and secure when set up for use, convenient for handling and storage, compact when in folded condition, and inexpensive to manufacture and install.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawing, which shows the preferred embodiment of the invention, and pointed out in the claims hereunto appended.

In the accompanying drawing:

Figure 1 is a side view, partly broken away, of the trestle constructed in accordance with the invention, and showing by dotted lines opposed legs partly folded;

Figure 2 is an end view, partly broken away;

Figure 3 is a fragmentary perspective view showing the fastening of a leg in supporting position;

Figure 4 is a bottom plan view of the trestle in folded condition.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, the trestle constructed in accordance with the invention, comprises a beam or bar-like head or main top-frame or body 10, creating a compartment 11 by the sides 12 and ends 13, respectively, and fully open through the under side of such beam or bar head or top-frame or body 10.

Adjacent to each end 13 and crossing the compartment 11 is a pivot bolt 14, which has its ends made secure in the opposite sides 12, and such bolt is located approximately at the transverse center of the said compartment for the loose hanging of a pair of opposed laterally spreadable and swingingly foldable prop legs 15, each at the point of hanging is provided with an elongated slot 16 for the said bolt 14, while the outermost corner 17 at the inner end of such leg is rounded to clear the end 13 next thereto of the head or body 10 on folding or unfolding of this leg. The slot 16 is reinforced by an escutcheon or protecting plate 18 with its slot matching such slot 16, as best seen in Figure 3 of the drawing, and thereby eliminating splitting of the leg or undue wearing at this point, the plate being secured to the leg as at 19.

In the under face of the top of the head or body 10 next to each end 13 and close to but at opposite sides of the longitudinal center axis of such head or body are transversely aligned counterseats or sockets 20 for removably receiving the inner ends of the opposed pair of legs 15 when unfolded and outwardly spread in diverging relation to each other, while provided in the inner faces of the sides 12 are opposed reversely beveled recesses 21 for accommodating the legs therein when unfolded and in spread relation to one another. The sockets and recesses, respectively, constitute latching keepers or seats for the said legs 15 when unfolded and prevent folding thereof during propping position for the trestle.

The sockets 20 and the recesses 21, as well as the legs, each has associated therewith reinforcing abutments 22, 23, and 24, respectively.

Connected to each pair of legs 15 at each end of the head or body 10 is pivotally fitted a break-hinge jointed brace 25, which when extended is latched at 26 in this condition, for holding the pair of legs spread in propping position, and such legs will be maintained socketed to the head or body as before described to eliminate accidental folding of the trestle during its use.

The legs 15 are foldable within the compartment 11 in the head or body 10, as best seen in Figure 4 of the drawing for the easy handling of the trestle for carriage or storage, the braces 25 being foldable for the setting up or knocking down of the said trestle, as will be obvious.

What is claimed is:

1. A trestle of the kind described, comprising a head piece having a compartment opening through its under side, said piece being formed

with counterseats in the top and side portions thereof interiorly of the compartment, laterally spreadable and swingingly foldable legs loosely connected within the compartment to the piece and adapted on the spreading and swinging for socketing in the seats, reinforcing abutments on the seats and the legs for the reinforcement thereof at their respective points of contact, and means foldably connecting the legs in pairs for latching the same in the seats when in propping position.

2. A trestle of the kind described, comprising a head piece having a compartment opening through its under side, said piece being formed with counterseats in the top and side portions thereof interiorly of the compartment, laterally spreadable and swingingly foldable legs loosely connected within the compartment to the piece and adapted on the spreading and swinging for socketing in the seats, reinforcing abutments on the seats and the legs for the reinforcement thereof at their respective points of contact, and

means foldably connecting the legs in pairs for latching the same in the seats when in propping position, the legs when folded being received within the compartment.

5 3. A trestle of the kind described, comprising a head piece having a compartment opening through its under side, said piece being formed with counterseats in the top and side portions thereof interiorly of the compartment, laterally spreadable and swingingly foldable legs loosely connected within the compartment to the piece and adapted on the spreading and swinging for socketing in the seats, reinforcing abutments on the seats and the legs for the reinforcement thereof at their respective points of contact, means foldably connecting the legs in pairs for latching the same in the seats when in propping position, the legs when folded being received within the compartment and reinforcements for the legs at their points of connection with the compartment.

JOHN MACLASKEY.