D. P. WEST.

ROOFING TRESTLE.

APPLICATION FILED FEB. 14, 1917.

1,248,228.

Patented Nov. 27, 1917.

2 SHEETS—SHEET 1.

Fig. 1.

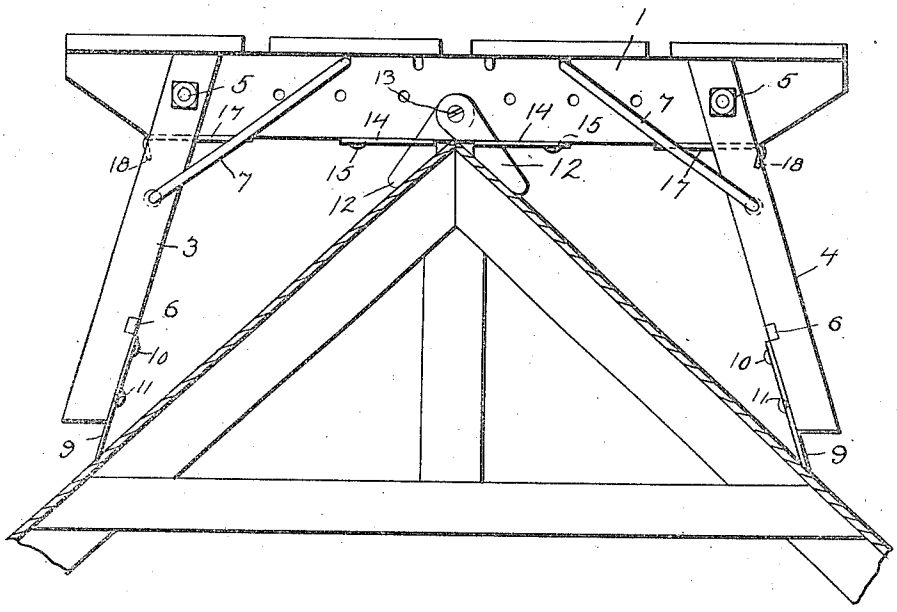
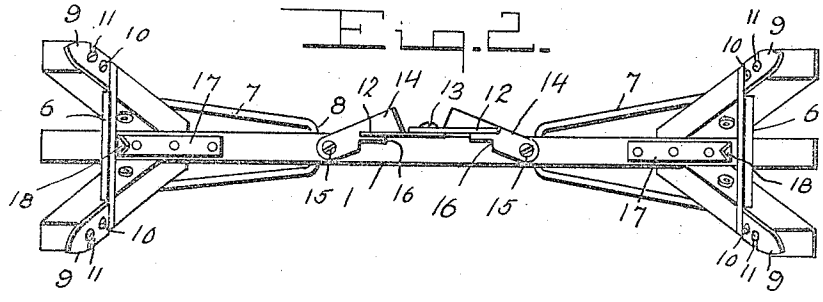


Fig. 2.



Witnesses

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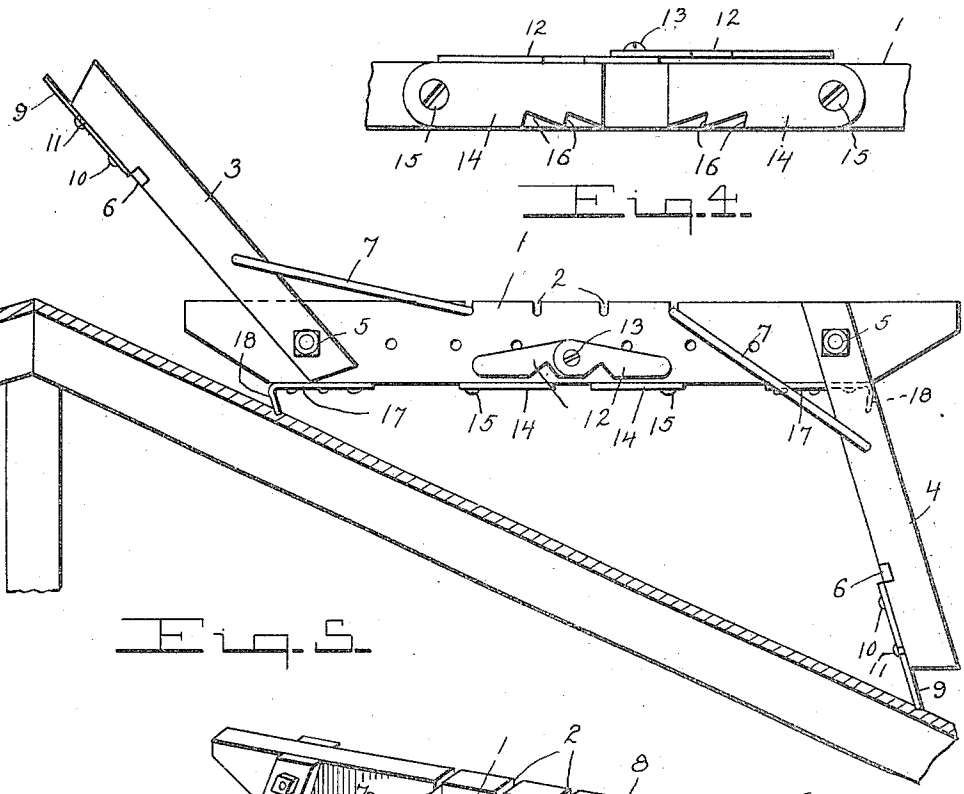


Fig. 5.

Fig. 4.

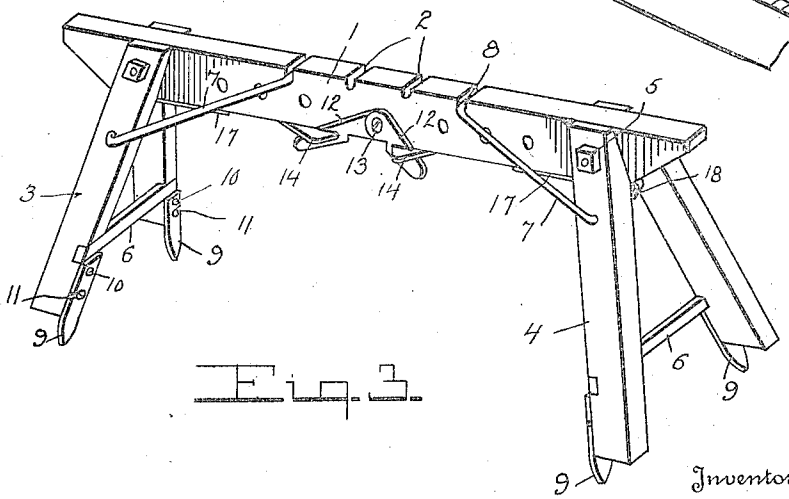


Fig. 3.

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UNITED STATES PATENT OFFICE.

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ROOFING-TRESTLE.

1,248,228. Specification of Letters Patent. Patented Nov. 27, 1917.

Application filed February 14, 1917. Serial No. 148,556.

To all whom it may concern:

Be it known that I, DANIEL P. WEST, a citizen of the United States, residing at Amoret, in the county of Bates and State of Missouri, have invented certain new and useful Improvements in Roofing-Trestles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable other skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in roofing trestles and the principal object of the invention is to provide a device which is adapted for use in chimney building and also in shingling where it is necessary to provide means for supporting a scaffolding on a roof.

Another object of the invention is to provide a trestle which may not only be used as a roofing trestle but can also be used as an ordinary trestle and which is provided with movable spurs on the legs which when used as a roofing trestle may be turned down to engage in the wood of the roof or when the device is to be used as an ordinary trestle may be turned up and out of the way.

A further object of the invention is to provide a trestle the legs of which are pivoted so that the same may be adjusted.

Still another object of the invention is to provide pivoted bails which are attached to the legs and engage the horizontal bar of said trestle in order to hold the legs in various adjusted positions.

A further object of the invention resides in the provision of a pair of adjustable arms which when in operation form a crotch for receiving the roof ridge as clearly illustrated in Figure 1 of the drawings.

A still further object of the invention resides in the provision of a trestle which may be used in shingling as illustrated in Fig. 5, and which has a horizontal bar provided with a spur near each end on its underside for engaging in the roof.

With these and other objects in view, the invention consists in the novel combination and arrangement of parts which will be fully set forth in the following specification and accompanying drawings, in which:—

Fig. 1 is a sectional view through a roof showing this trestle in place thereon;

Fig. 2 is a bottom plan view of the trestle;

Fig. 3 is a detail perspective view of the trestle;

Fig. 4 is an enlarged fragmentary bottom plan view of the horizontal bar of the trestle showing the arm and the retaining element therefor swung out of operative position; and

Fig. 5 is a fragmentary view of a roof showing this trestle attached thereto as it would appear when used as a shingling bracket.

Referring to the drawings 1 indicates the horizontal bar of the trestle provided at its upper edge with a plurality of notches 2. This bar has pivoted, adjacent to the opposite ends, the leg structures designated by the numeral 3 which comprise the legs 4, the upper ends of which are pivoted by means of bolts 5 to the bars 1, while the lower ends are held in spaced relation by the connecting bar 6. Pivoted to the legs 4 and extending therethrough are the ends of the substantially V-shaped bails 7 the bight portions 8 of which are adapted to engage in the notches 2 previously described in order to hold the legs against movement. It will thus be seen that when the legs are moved in the position shown in Figs. 1, 2 and 3, the bight portions 8 will engage in the outermost notches 2 and any possibility of the trestle collapsing is eliminated.

In order to hold the trestle in proper position on the roof suitable spurs 9 are pivoted as at 10 adjacent the lower ends of the legs 4 and are provided with transverse slots for the reception of the pins 11 carried by the legs which hold the spurs in their lowermost positions. These spurs are adapted to be swung upwardly when the trestle is used in the ordinary way so that the pins 11 do not project through the slots and the spurs lie in the plane of the legs with the points directed upward. As shown in Fig. 1, when the device is on the ridge of a roof the spurs are turned down to engage the shingles of the roof but in case the device is used on a roof constructed of sheet material the spurs may be turned up out of operative position in order to avoid puncturing the material.

In supporting the device on the ridge a pair of arms 12 are pivoted on a central pivot 13 arranged intermediate the ends of the horizontal bar and are adapted to be swung down into the position shown in Fig. 1. These arms 12 are retained in position by the retaining elements 14 which are pivoted as at 15 to the underside of the hori-

zontal bar of the trestle and provided with notches forming the shoulders 16 against which the arms 12 engage so as to prevent the arms from spreading. It will be seen upon reference to Figs. 2 and 4 that a plurality of notches are formed in each of the elements 14 so that various adjustments of the arms may be had.

In order to support the device on a roof when used as a shingling bracket, suitable plates 17 are attached to the lower edge of the horizontal bar 1 of the trestle near opposite ends and each of these plates is provided with a downturned spur 18 which is adapted to engage in a roof as illustrated in Fig. 5 and coöperate with the spurs 9 on one set of legs in holding the device in place. It will be understood that when used in this way the opposite pair of legs is thrown upwardly in the position shown in Fig. 5 in order to avoid any interference with the work.

While in the foregoing there has been shown and described the preferred embodiment of this invention, it is to be understood that such changes may be made in the combination and arrangement of parts as will fall within the spirit and scope of the appended claims.

What is claimed is:—

1. A trestle comprising a horizontal bar, leg members pivoted to opposite ends of said bar, the upper edge of said bar being provided with notches and bails pivoted to said leg members and engaging in the notches to hold said leg members in various adjusted positions, with relation to the bar, and arms pivoted centrally of the bar to form a crotch for the reception of a roof ridge.

2. A trestle comprising a horizontal bar, leg members pivoted to opposite ends of said bar, the upper edge of said bar being provided with notches and bails pivoted to said leg members and engaging in the notches to hold said leg members in various adjusted positions with relation to the bar, arms pivoted centrally of the bar to form a crotch for the reception of a roof ridge, and means to hold said arms in various adjusted positions.

3. A trestle comprising a horizontal bar, leg members pivoted to opposite ends of said bar, the upper edge of said bar being provided with notches and bails pivoted to said leg members and engaging in the notches to hold said leg members in various adjusted positions with relation to the bar, spurs pivoted to the ends of the legs and adapted to engage in the roof when the device is used as a shingling bracket and spurs secured to the underside of the horizontal bar near opposite ends to coöperate with the first mentioned spurs in holding the device in place on a roof.

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

DANIEL P. WEST.

Witnesses:
CHAS. E. WHITE,
WILLIAM G. SCRIVNER.

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