F. McCARTY.

FOLDING SCAFFOLD.

APPLICATION FILED APR. 13, 1908.

909,012. Patented Jan. 5, 1909.

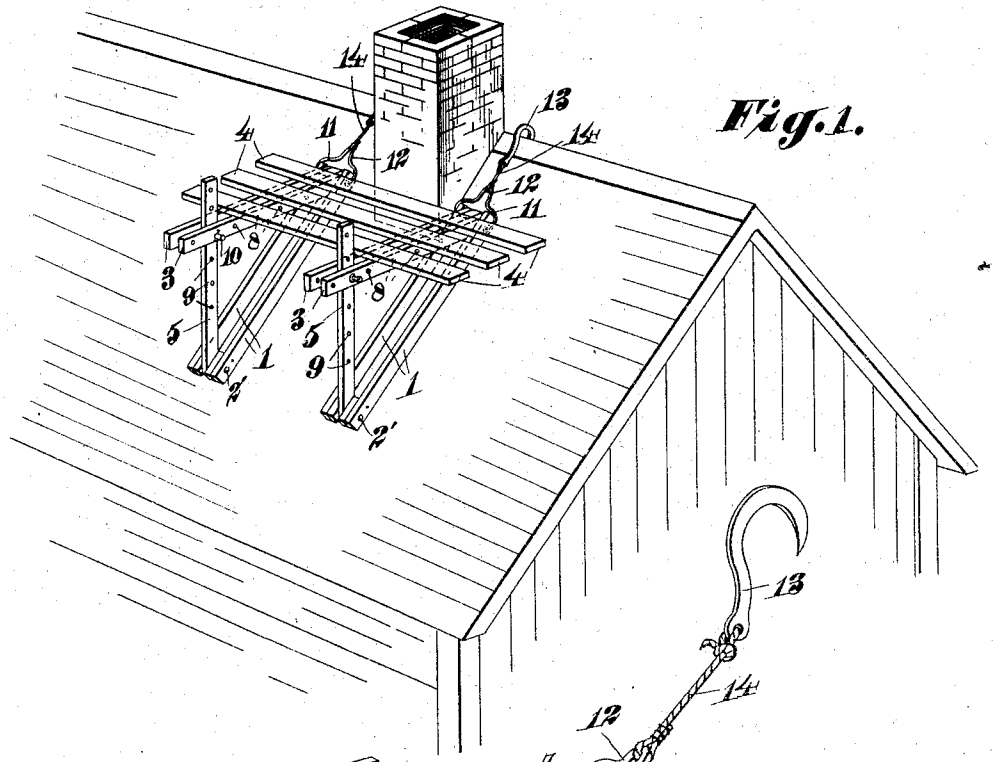


Fig. 1.

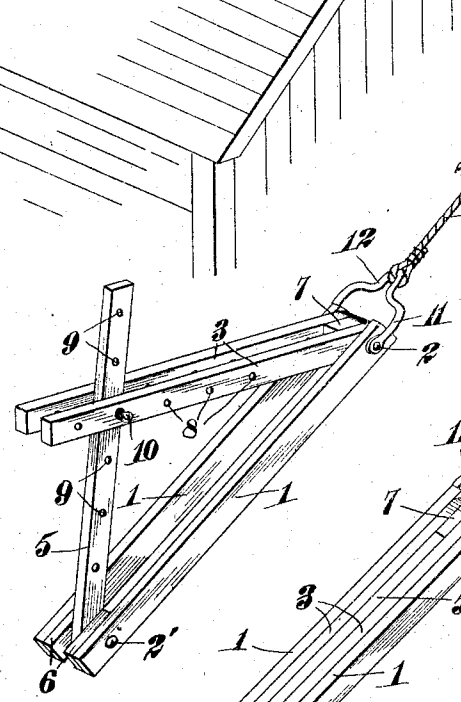


Fig. 2.

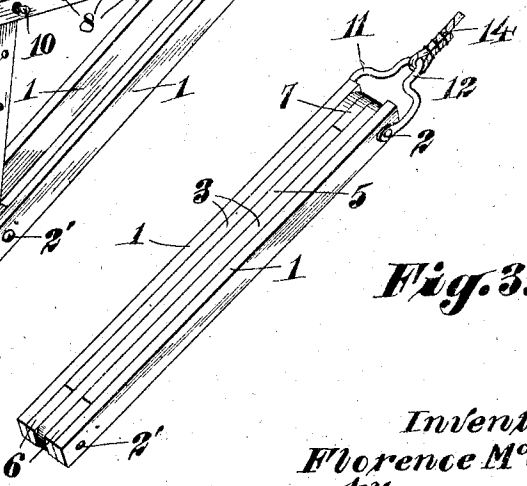


Fig. 3.

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UNITED STATES PATENT OFFICE.

FLORENCE McCARTY, OF CHICAGO, ILLINOIS.

FOLDING SCAFFOLD.

No. 909,012. Specification of Letters Patent. Patented Jan. 5, 1909.

Application filed April 13, 1908. Serial No. 426,832.

To all whom it may concern:

Be it known that I, FLORENCE McCARTY, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Folding Scaffolds, of which the following is a specification.

My invention relates to folding and portable brackets or scaffolds adapted for use upon the gable or inclined roofs to hold the staging in a horizontal position when building or repairing chimneys or when at other work upon the roof.

The object of my invention is to provide a portable scaffold which shall be of simple construction, readily folded into small compass when not in use and one which shall be firm and stable when set up for service.

A further object of my invention is to provide a device of the character under consideration which may be readily adjusted for roofs of substantially any angle in order that the staging shall be held perfectly horizontal.

Other objects will appear hereinafter.

With these objects in view, my invention consists generally in a pair of base bars arranged parallel and rigidly connected at the ends, the same being spaced apart sufficiently to give ample stability to the device, a pair of tread bars for holding the staging, the same being pivotally connected at one end to the base bars and suitably spaced apart, a single bar forming a leg and pivotally connected to the opposite end of the base bars and spaced centrally between them and said tread bars, and said tread bars and said leg each being provided with a plurality of bolt holes and a bolt extending therethrough to hold the tread bars at the proper angle.

My invention further consists in various details of construction and arrangements of parts all as will be hereinafter fully described and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a perspective view illustrating a scaffold embodying my invention in operative position upon a roof, Fig. 2 is a perspective view of the device in open position, and Fig. 3 is a perspective view of the same in folded position.

In practice, two of the folding brackets or scaffolds are employed to support the staging as illustrated in Fig. 1, but inasmuch as the two brackets are identical, one only will be described in the following description.

Referring now to the drawings, 1—1 indicates the base bars. These are spaced apart in the manner hereinafter described and are rigidly connected by the bolts or rivets 2 and 2′ extending through them near the ends. Pivotally mounted on the bolt 2 are a pair of tread bars 3—3 which support the staging 4 when in use. Pivotally mounted on the bolt 2′ is a leg 5 which is held centrally of the bars or members 1, 1 and 3, 3 by the blocks 6—6. When the device is closed the members 3 fold between and close against the members 1 and the member 5 folds between the members 3. The members 1, 3 and 5 are all substantially the same in cross section, hence the device folds neatly together, the edges of the several members being flush with each other as illustrated in Fig. 3.

7 indicates a block interposed between the ends of the members 3 for holding them apart or in proper lateral position.

The members 6 and 7 are of substantially the same thickness as the members 3 and 5 and hold the several members in position to permit the others to fold between them. The members 3 and 5 are shorter than the members 1 by the length of the respective blocks 6 and 7.

The members 3 and 5 are each provided with a plurality of holes 8 and 9 respectively to receive a pin or bolt 10, the pin 10 passing through both of the members 3 and the member 5 locking the same in adjusted position. By a selection of the proper holes 8 and 9, the device may be adjusted for roofs of any angle to bring the members 3 into horizontal position to support the staging 4.

Swiveled upon the bolt 2 is a bail 11 having the central loop or extension 12 to which the device is secured for suspending the scaffold upon the roof. This may consist in a hook 13 which may be secured directly to the loop or a rope or cable 14 to one end of which the hook may be attached.

Having described my invention what I claim as new and desire to secure by Letters Patent, is:

1. In a device of the class described, a pair of base bars rigidly connected at the ends, and a pair of tread bars pivotally connected at one end to said base bars and spaced apart at the pivotal end, a single leg pivotally connected between the oppo-

site ends of said base bars and spaced centrally between them, said base bars, tread bars and leg being substantially the same in cross section, and said tread bars and said leg each being provided with a plurality of bolt holes and a bolt adapted to extend through said holes to hold the device in adjusted position, substantially as described.

2. In a device of the class described, a pair of base bars spaced apart and rigidly connected at the ends, a pair of tread bars pivotally connected at one end to and between the ends of said base bars, a single leg pivotally connected at one end between the opposite ends of said base bars, a pair of blocks interposed between the end of said leg and the ends of said base bars, said tread bars being shorter than said base bars by the length of said blocks and means for adjustably connecting said leg and said tread bars, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FLORENCE his × mark McCARTY.

Witnesses:
JOHN McCARTHY,
HOWARD S. AUSTIN.