

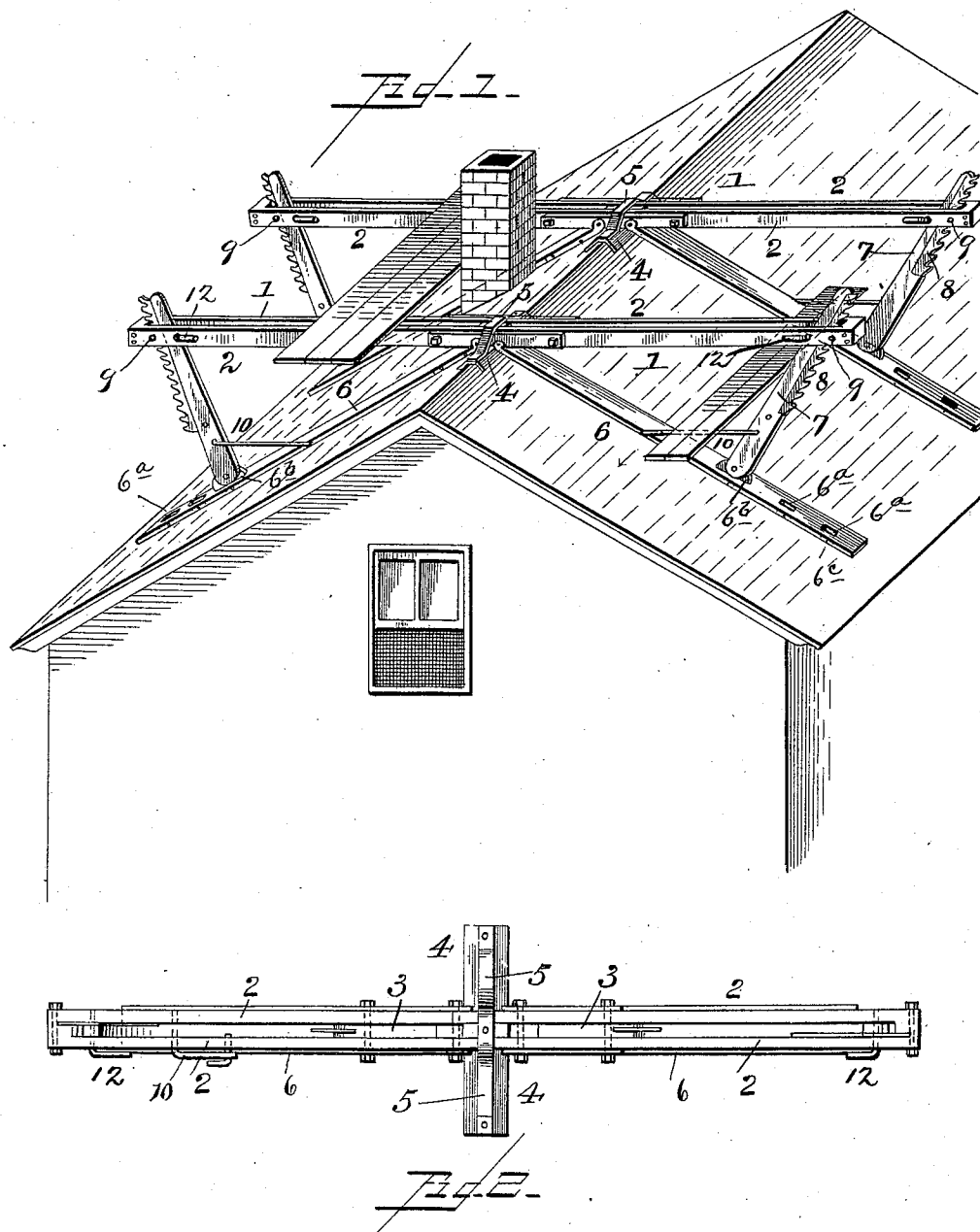
(No Model.)

2 Sheets—Sheet 1.

A. FARLAND.
ADJUSTABLE STAGING OR SCAFFOLDING.

No. 472,867.

Patented Apr. 12, 1892.



WITNESSES:
F. L. Ourand
James H. Jones

INVENTOR:
Antoine Farland,
by James H. Jones & Co.
Attorneys.

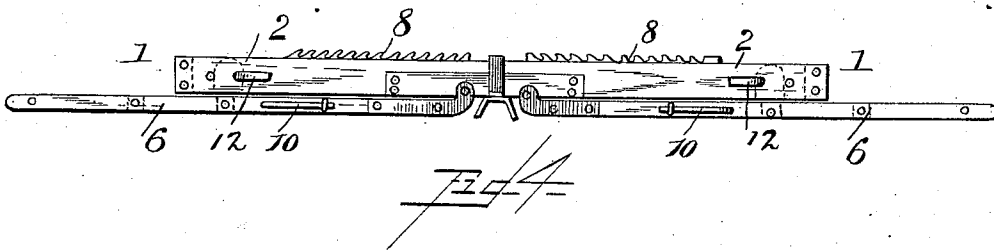
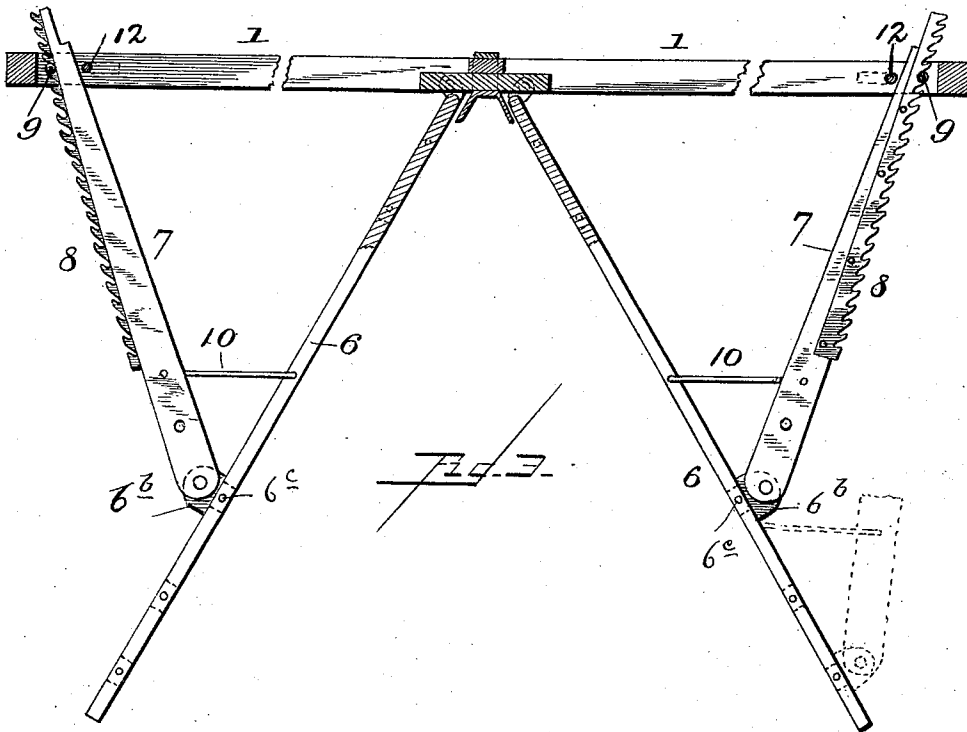
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UNITED STATES PATENT OFFICE.

ANTOINE FARLAND, OF SOUTHBRIDGE, MASSACHUSETTS.

ADJUSTABLE STAGING OR SCAFFOLDING.

SPECIFICATION forming part of Letters Patent No. 472,867, dated April 12, 1892.

Application filed August 27, 1890. Serial No. 363,233. (No model.)

To all whom it may concern:

Be it known that I, ANTOINE FARLAND, a citizen of the United States, residing at Southbridge, in the county of Worcester, in the State of Massachusetts, have invented a new and useful Adjustable Folding Staging, of which the following is a specification.

The invention relates to improvements in adjustable staging or scaffolding to be used on gable roofs by masons and others in repairing or building chimneys and other work, and which can also be folded up in compact form for transportation or storage.

The invention consists in the novel features of construction and new combinations of parts hereinafter fully described, and specifically pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of my improved staging or scaffolding, showing the same applied to a roof. Fig. 2 is a plan view of one of the horizontal supports. Fig. 3 is a side view of the device. Fig. 4 is a similar view, the same being folded.

In the said drawings the reference-numerals 1 1 designate the horizontal supports, each consisting of bars 2 2, united or connected together at their ends with an intervening space 3. At the center of these supports and upon their under sides are secured angular plates 4, which straddle the ridge of the roof. A metal strap 5, secured to the ends of these plates, passes over the supports 1 and serves to retain said plates in place. Pivoted to the supports at each side of plates 4 are the outwardly-extending arms 6, which are adapted to lie upon the sides of the roof, as seen in Fig. 1. Intermediate of their ends these arms are provided with pivoted arms 7, provided on their outer edges with rack-teeth 8, which are adapted to engage with pins 9, near the ends of the supports 1. Near their lower ends each of the arms 6 is provided with an aperture, with which engages the horizontal arm 10.

The operation will be readily understood. When in use, the plates 4 will straddle the ridge of the roof, and the arms 6 will lie upon the sides thereof, the rack-teeth of arms 7 engaging with the pins 9, so as to hold the supports in a horizontal position. The said arms are also adjustable by means of their teeth and pins, so that the inclination of arms 6 can be regulated to suit roofs of varying pitch. Boards are then placed upon the supports, which will form a platform for the workmen. Boards are also placed upon the arms 10, forming similar platforms but lower down the sides of the roof. Near the lower end each of the arms 6 is provided with an aperture, through which one of the bent ends of the arms 10 passes, the other end thereof passing through a similar aperture in the bars 6. The bars 6 are also provided with a series of apertures 6^a to receive the lugs 6^b, to which the arms 7 are pivoted, said lugs being held in place by pins 6^c, passing through apertures therein and in the sides of the bars 6.

Having thus described my invention, what I claim is—

In an adjustable folding staging or scaffolding, the combination of the supports 1, consisting of the bars connected together at their ends with an intervening space 3, the angular plates 4, secured to the under side of the supports, the outwardly-extending arms 6, pivoted to the supports near the center thereof, the arms 7, pivoted to said arms, each having a hole near its lower end and provided with rack-teeth 8 on its outer edges, the pins 9, passing through the supports, adapted to engage with said rack-teeth, and the arms 10, adapted to engage with the holes in the arms 7, substantially as described.

ANTOINE FARLAND.

Witnesses:

BASILE PROUBX,
LEON RHEIMS.