

(No Model.)

W. H. ALLEN.
SHINGLING STOOL.

No. 590,872.

Patented Sept. 28, 1897.

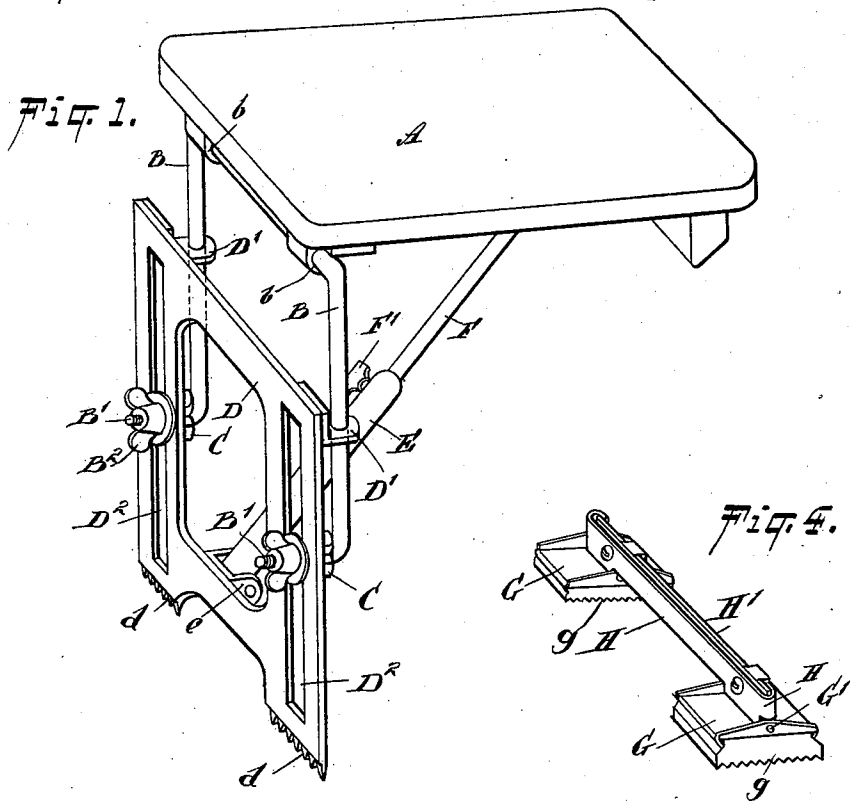
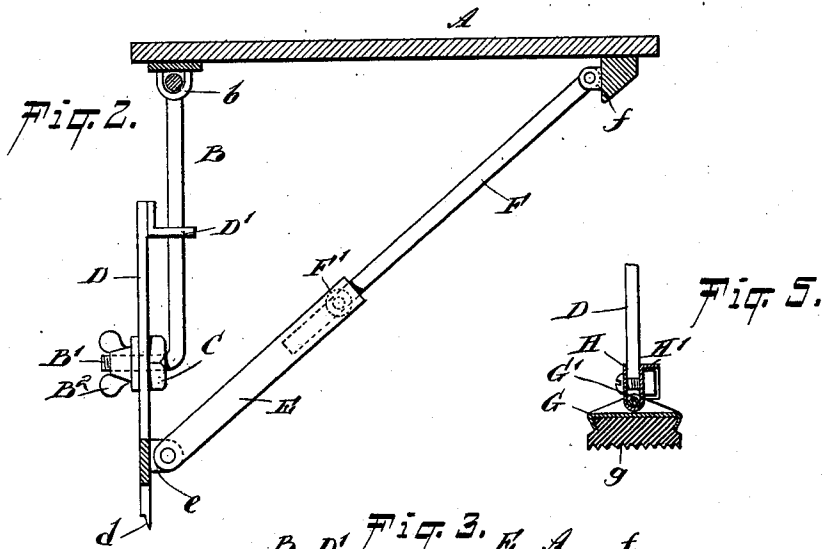


Fig. 3.

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SHINGLING-STOOL.

SPECIFICATION forming part of Letters Patent No. 590,872, dated September 28, 1897.

Application filed March 26, 1897. Serial No. 629,397. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. ALLEN, of Griggsville, in the county of Pike and State of Illinois, have invented a new and Improved Shingling-Stool, of which the following is a full, clear, and exact description.

My invention relates to a shingling stool or device to be used in applying shingles to a roof and which may be moved about upon the roof, being kept at all times with the shingler.

It consists, essentially, of a board forming a seat, having attached to one edge thereof adjustable legs or arms adapted at their lower ends to engage the roof and provided with an adjustable arm connecting their lower ends with the upper edge of the board forming the seat.

It also consists of certain detachable feet, which may be applied to the lower ends of the supporting-arms when the same are used in connection with metallic or slate roofs.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of my device. Fig. 2 is a cross-sectional elevation thereof. Fig. 3 is a view of the same folded. Fig. 4 is a perspective view of the detachable feet, and Fig. 5 is a sectional elevation through the same.

The object of my device is to form a seat or stool which may be readily moved about by the shingler and which may be adjusted to roofs of any pitch.

A board A, which is made of such a size as to form a convenient seat, has arms B, pivoted in staples *b* to one edge thereof. These arms B, as shown, are round rods bent in a U shape, the connecting end of the U being journaled in the staples *b*. The lower ends of these arms, corresponding to the upper end of the U, are bent to one side and threaded and pass through slots D² in the plate D, being clamped at any desired point thereon by means of a clamping-nut B² and the fixed washer C. The arms B pass through brackets D', connected with the upper edge of the

plate D, so as to form a support for the same. To the lower end of the plate D is fixed a lug *e*, to which is pivoted one end of a tube E, and to the upper edge of the seat-board A is fixed a lug *f*, to which is pivoted a rod F, the latter being of such size as to fit snugly and slide within the bore of the tube E. The rod and tube are clamped together by a set-screw F'. The lower edge of the plate D is sharpened and provided with serrations or teeth *d*, so that said edge may engage the shingles of a roof to prevent slipping of the stool. This construction of the plate D will be sufficient in using the device upon roofs which are covered by wood or shingles; but in using the stool upon roofs having a metallic or slate covering this construction will not answer. For such use I have provided the detachable feet shown in Figs. 4 and 5. These consist of two feet G, fastened to the outer ends of a bar H, which is clamped to the lower edge of the plate D. This bar H is adapted to lie along one side of the plate D and is clamped thereto by a screw passing through the plate and engaging a bar H' upon the opposite side of the plate D. These two bars H and H' form a socket to receive the lower end of the plate D. This socket may be formed by bending a plate into U shape, so that the two branches of the U will engage the two sides of the plate D. To the lower edge of the plate H is secured a pivot-pin G', which is connected also to the feet G. These feet consist of a plate having its edges bent over so as to form a socket within which is placed the rubber block *g*. This block may be corrugated upon its under surface, so as to assist in holding it upon any surface to which it may be applied.

In using my device on metallic or slate roofs the feet G are attached to the lower edge of the plate D. The rubber will have sufficient adhesion to the surfaces to prevent the device slipping.

My device is intended to be used entirely independent of such devices as brackets upon which boards are to be placed, or any strips attached to the roof and intended to support the feet. It is a device which may be moved independently to any part of the roof and which will remain wherever put.

Having thus fully described my invention,

I claim as new and desire to secure by Letters Patent—

1. A shingling-stool, comprising a seat, supporting-arms attached to one edge thereof, and detachable feet having sockets for the lower ends of the supporting-arms, substantially as described.
2. A shingling-stool, comprising a seat, supporting-arms attached to one edge thereof and adjustable to any angle, and detachable feet for the lower ends of the supporting-arms, substantially as described.
3. A shingling-stool, comprising a seat, supporting-arms pivoted to one edge thereof, so as to adjust themselves to any angle, and detachable feet for the lower ends of said arms, provided with means for engaging the roof, substantially as described.
4. A shingling-stool, comprising a seat, supporting-arms attached to one edge thereof, a bar attachable to the lower ends of the supporting-arms, and feet pivoted thereon, substantially as described.
5. A shingling-stool, comprising a seat, supporting-arms attached to one edge thereof, a bar attachable to the lower ends of the supporting-arms, and feet pivoted thereon, the said feet being faced with an adhering material, substantially as shown and described.
6. A shingling-stool, comprising a seat, hinged supporting-arms attached to one edge thereof, and a telescopic brace adjustable in length and attached to the opposite edge of the seat and to the lower ends of the supporting-arms, substantially as described.
7. A shingling-stool, comprising a seat, hinged supporting-arms attached to one edge thereof, detachable feet for the lower ends of said arms, and a telescopic brace adjustable in length and attached to the opposite edge of the seat and to the lower ends of the supporting-arms, substantially as described.
8. A shingling-stool, comprising a seat,

hinged supporting-arms attached to one edge thereof, a bar detachably connected with the lower ends of the supporting-arms, feet pivoted thereto, and a brace of adjustable length connected with the lower ends of said arms and the upper edge of the seat, substantially as described.

9. A shingling-stool, comprising a seat, hinged supporting-arms attached to one edge thereof, a bar detachably connected with the lower ends of the supporting-arms, feet pivoted thereto having a facing of an adhering material, and a brace of adjustable length connected with the lower ends of said arms and the upper edge of the seat, substantially as shown and described.

10. A shingling-stool, comprising a seat, hinged supporting-arms attached to one edge thereof and adjustable in length, and a brace adjustable in length attached to the opposite edge of the seat and the lower ends of the supporting-arms, substantially as described.

11. A shingling-stool comprising a seat, hinged supporting-arms of adjustable length attached to one edge thereof, detachable feet for the lower ends of said arms, and a brace of adjustable length attached to the lower ends of said arms and to the upper edge of the seat, substantially as described.

12. A shingling-stool, comprising a seat, hinged supporting-arms formed of two members adjustable one upon the other, a bar detachably connected with the lower ends of the supporting-arms, feet pivoted thereto, and a brace formed of two members adjustable one upon the other and connected to the lower ends of the supporting-arms and to the upper edge of the seat, substantially as described.

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Witnesses:

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