

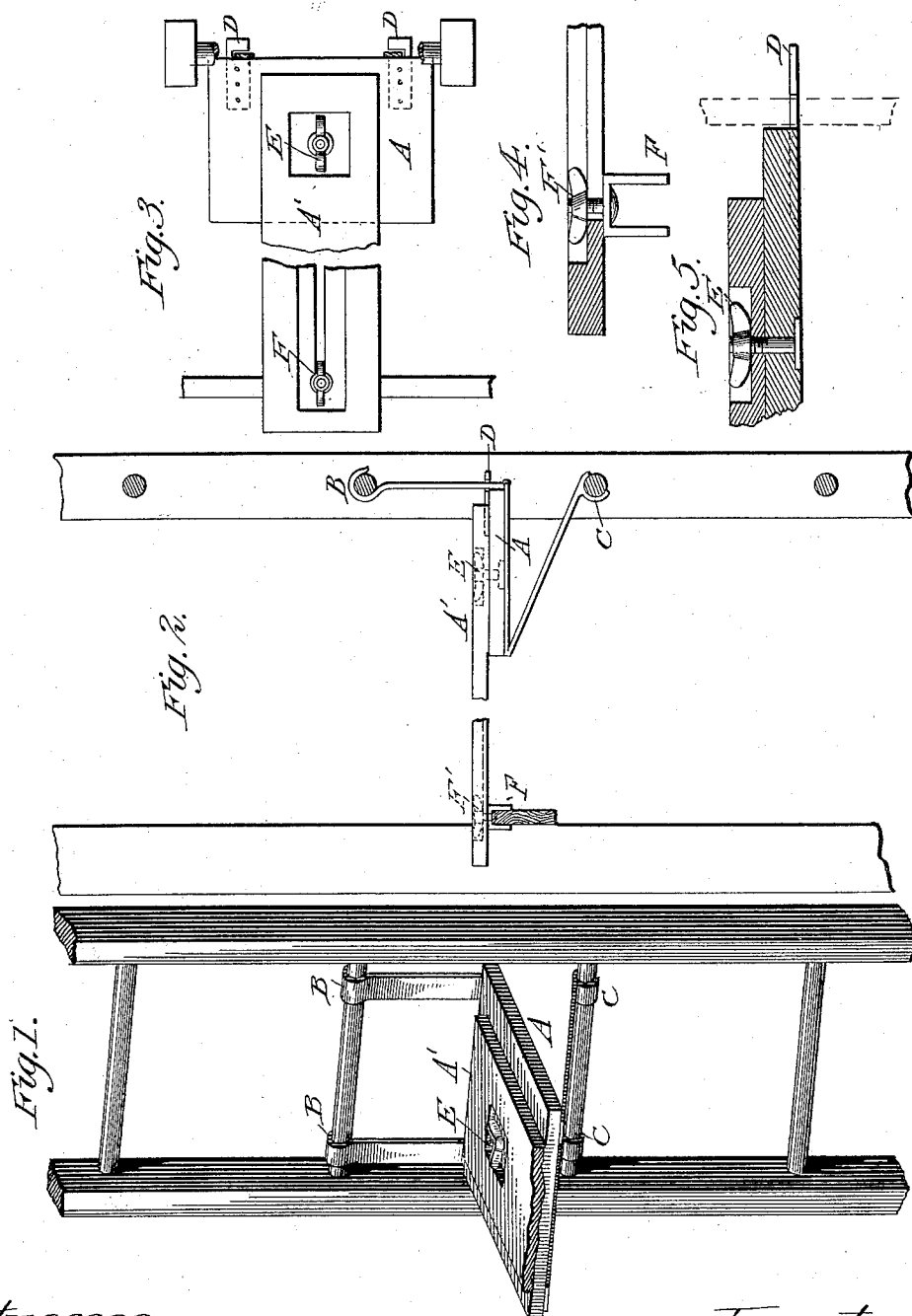
(No Model.)

W. D. ROBB.

COMBINED STEP AND ARM FOR PLATFORM ATTACHMENTS FOR
LADDERS.

No. 387,259.

Patented Aug. 7, 1888.



Witnesses.
W. J. Davidson,
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UNITED STATES PATENT OFFICE.

WILLIAM DEURELLE ROBB, OF ABILENE, KANSAS.

COMBINED STEP AND ARM FOR PLATFORM ATTACHMENTS FOR LADDERS.

SPECIFICATION forming part of Letters Patent No. 387,259, dated August 7, 1888.

Application filed January 26, 1888. Serial No. 262,022. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM DEURELLE ROBB, of Abilene, in the county of Dickinson, and in the State of Kansas, have invented certain new and useful Improvements in Combined Step and Arm for Platform Attachments to Common Ladders; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a combined step and arm for platforms or scaffolds, as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a perspective view of my step and arm attachment to ladders. Fig. 2 represents a side view of the same. Figs. 3, 4, and 5 show details.

A is the step, attached to the ladder by the hooked bars B B and C C. The bars C C extend from the round below the step to front of it, and extend under the bottom of it from the front to the rear of it, where they connect with bars B B by a hinge, making the step adjustable to the position of the ladder and easier to stand upon.

D D are hooks or any suitable guard on the step to hold the step from turning outward by engaging in the rear of the hinge.

The attachment A' is an adjustable arm to be fastened to the step on the ladder by means of a thumb-screw, the arm extending beyond the adjustable clip F, the latter being fastened to said attachment by means of a thumb-screw, F'.

E is the thumb-screw to fasten arm to step.

F is a movable clip to fasten the attachment to a cleat on the building.

Taking two or more ladders and their attachments stationed at the side of a building, by extending planks from arm to arm of the attachment a ready and cheap platform or scaffold is made. This combination is designed to be used by painters, plumbers, and all classes of mechanics who use ladders and scaffolding either singly or connectedly.

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

1. The combination, with the ladder, of the step and the hook-bars for connecting the step to the ladder, said hook-bars being pivotally jointed together, and hooks or guards to control the action of said pivotal joints and prevent the step from turning outward and downward, substantially as described.

2. The combination of the step and the hook-bars B and C, the said hook-bars being pivotally jointed together, substantially as described.

3. The combination of the step adapted to be secured to the rounds of a ladder, and of the arm attachment removably secured thereto, substantially as described, and for the purpose set forth.

4. The combination of the step, its removable arm attachment, and the clip F, substantially as described, and for the purpose set forth.

5. The combination of the ladder, the step A, hook-bars B and C, the hooks or guards D, arm attachment A', the clip F, and the thumb-screws, substantially as described, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 11th day of November, 1887.

WM. DEURELLE ROBB. [L. S.]

Witnesses:

W. T. DAVIDSON,
WM. MOLLER.