S. ELLICOTT.

Portable-Ladder Step.

No. 211,389. Patented Jan. 14, 1879.

Fig. 1

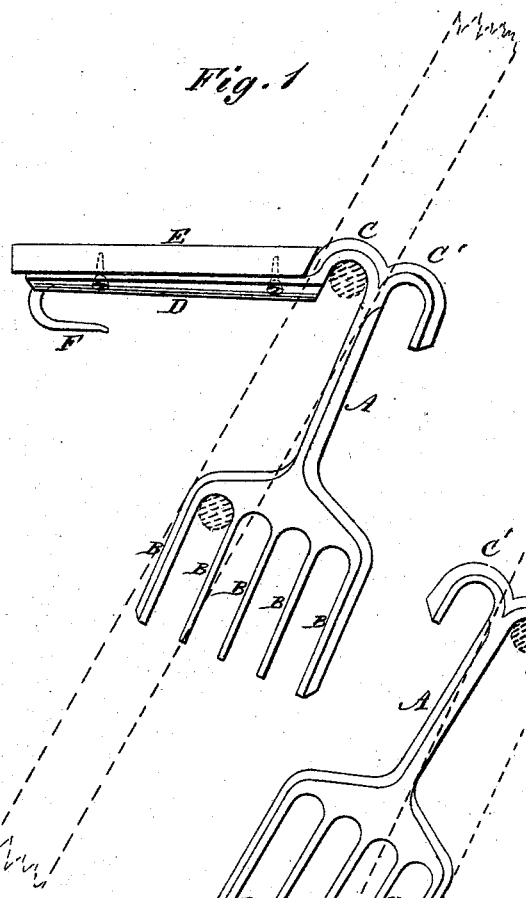


Fig. 2

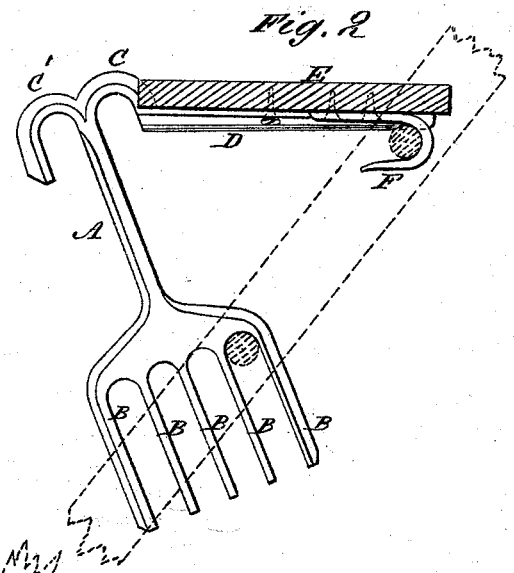


Fig. 3

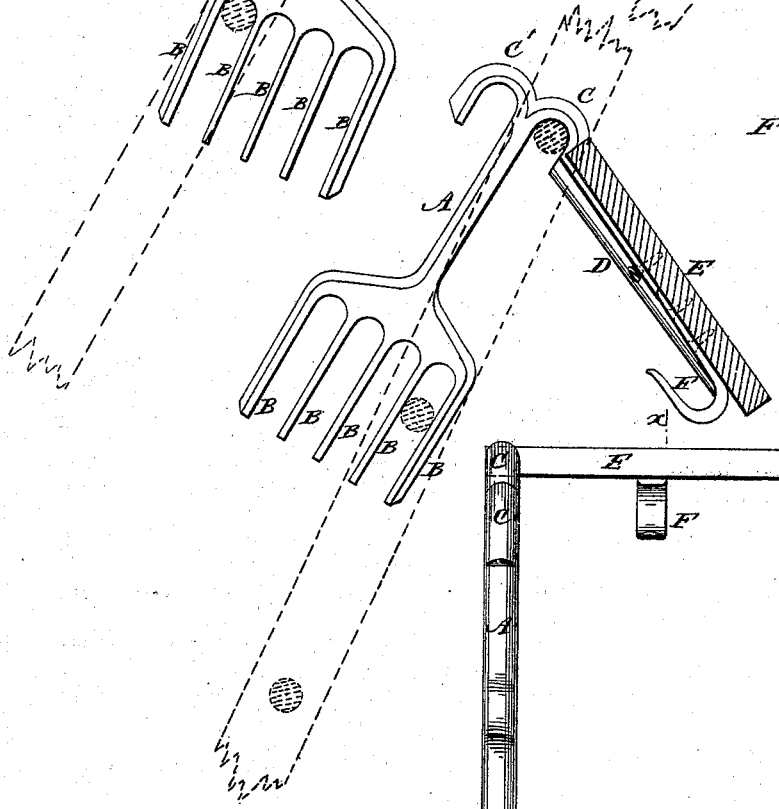
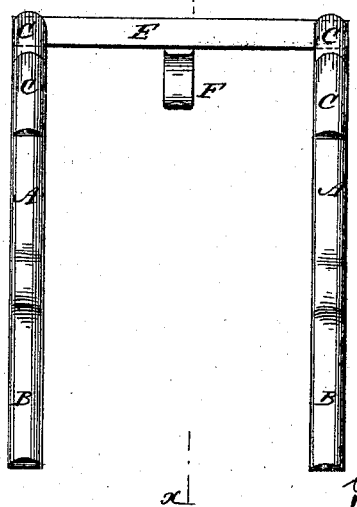


Fig. 4



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SALVADOR ELLICOTT, OF STEILACOOM, WASHINGTON TERRITORY.

IMPROVEMENT IN PORTABLE LADDER-STEPS.

Specification forming part of Letters Patent No. **211,389**, dated January 14, 1879; application filed November 14, 1878.

To all whom it may concern:

Be it known that I, SALVADOR ELLICOTT, of Steilacoom, in the county of Pierce and Territory of Washington, have invented a new and useful Improvement in Portable Ladder-Steps, of which the following is a specification:

Figure 1 is a side view of my improved ladder-step, illustrating its use. Fig. 2 is a section of the same, taken through the line *x x*, Fig. 4, showing another arrangement. Fig. 3 is the same section as Fig. 2, showing another adjustment. Fig. 4 is a front view of the step.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved step for ladders, which shall be so constructed that it may be easily and conveniently applied to a ladder and moved up and down upon it.

The invention consists in a ladder-step formed of the stems, the prongs, the hooks, the arms, and the board, and in a ladder-step formed of the stem, the prongs, the hook, the arms, the board, and the terminal hook, as hereinafter fully described.

A is the standard or stem of a bracket, two of which are used, and upon the lower end of which are formed a number of prongs, B. The spaces between the prongs B are made of such a size as to receive a round of a ladder. Upon the front side of the upper end of the stem A is formed a hook, C, the cavity of which is made of such a size as to receive a round of a ladder. Upon the end of the hook C is formed an arm, D, to which, or to lugs or a flange formed upon it, is attached the end of a short board, E, which forms the platform of the step. To the under side of the outer part of the board E is attached the hook F, the cavity of which is made of such a size as to receive a round of a ladder.

In using the step, the hooks C are hooked upon a round of the ladder at the desired height, and the next lower round enters one or another of the spaces between the prongs B, according to the inclination of the said ladder, that space being selected that will bring the board E nearest to a horizontal position.

With this arrangement, when the user wishes to ascend or descend the ladder, he raises the device until the arms D rest upon the upper round, and then slides the device back until the hook F catches upon the said upper round. This leaves the forward side of the ladder unobstructed.

The device can be again adjusted for use by sliding it forward until the hooks C catch upon the upper round. The user, when above the device, can make these adjustments with his foot.

If desired, the device may be used in the manner shown in Figs. 2 and 3, which makes it capable of supporting a greater weight.

By using two ladders provided with these steps a substantial scaffold can be quickly put up.

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

1. A ladder-step formed of the stem A, the prongs B, the hook C, the arm D, and the board E, substantially as herein shown and described.

2. A ladder-step formed of the stem A, the prongs B, the hook C, the arm D, the board E, and the hook F, substantially as herein shown and described.

SALVADOR ELLICOTT.

Witnesses:
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