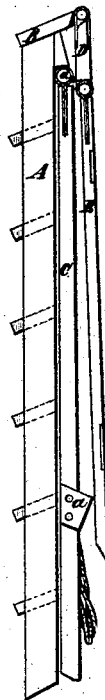
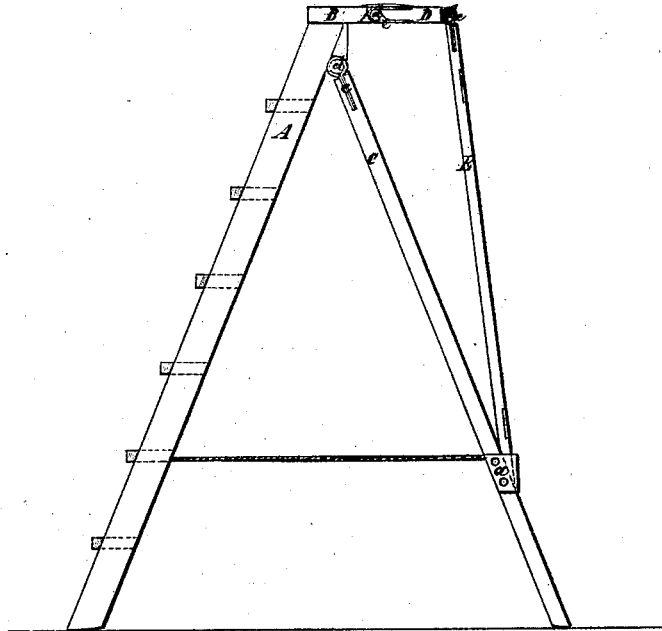


G. A. Schachtel,

Ladder.

No. 109256.

Patented Nov. 15. 1870.



Witnesses
Fried. Haymer
R. E. Kibben

George A. Schachtel

United States Patent Office.

GEORGE A. SCHACHTEL, OF NEWARK, NEW JERSEY, ASSIGNOR TO HIMSELF AND ROBERT B. SANDERSON.

Letters Patent No. 109,256, dated November 15, 1870.

IMPROVEMENT IN EXTENSION-PLATFORM STEP-LADDERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, GEORGE A. SCHACHTEL, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Extension-Platform Step-Ladders; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing which forms part of this specification.

The object of this invention is to provide for the extension of the platform of a step-ladder, to enable it to support, in addition to the person using it, a basket for gathering fruit, a pail for scrubbing purposes, or any article that may be desired. To this end,

It consists in an extension piece, which is hinged to the front of the platform of the ladder, and, when extended, is supported by a brace or stay hinged to its front portion, the lower ends of said stay fitting into and being supported by pockets, notches, or other resting places provided in or on the prop of the ladder for that purpose.

In the accompanying drawing which illustrates my invention—

Figure 1 is a side elevation of a ladder, showing it extended, and

Figure 2 is a similar view, showing it folded for transportation.

Similar letters of reference indicate corresponding parts in both figures.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation with reference to the drawing.

A is the ladder.

B, its platform proper.

C is the prop, of ordinary form, but having a metal pocket secured to each of its legs, at some distance

from the bottom thereof. This prop has its motion limited in the usual manner by cords attached to the ladder.

The extension piece D, which is of rectangular form, is hinged to the front side of the platform B, and has hinged to its outer or rear edge a stay, E. This stay is of somewhat similar form to the prop of the ladder, consisting of two legs, held together by cross-braces.

The extension piece D may be hinged to the platform proper, and the stay E be hinged to the extension piece by metal straps *c*, attached to the one and encircling pivots *d* formed on the other, as shown in the drawing, or they may be hinged together in the ordinary manner.

When the ladder is folded for transportation the extension piece D and its stay E are in line with each other and parallel with the prop of the ladder, and, in consequence, this ladder requires very little more packing space than the ordinary step-ladder.

To use the ladder the prop is thrown forward, thereby presenting the form of an ordinary step-ladder. The stay E is then drawn forward, pushed up, and its legs inserted into the pockets *a* on the prop C, and the extension platform is thereby raised and firmly supported.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the hinged extension piece D and stay E with the platform B and prop C of the ladder, substantially as and for the purpose herein set forth.

GEORGE A. SCHACHTEL.

Witnesses :

FRED. HAYNES,
R. E. RABEAU.