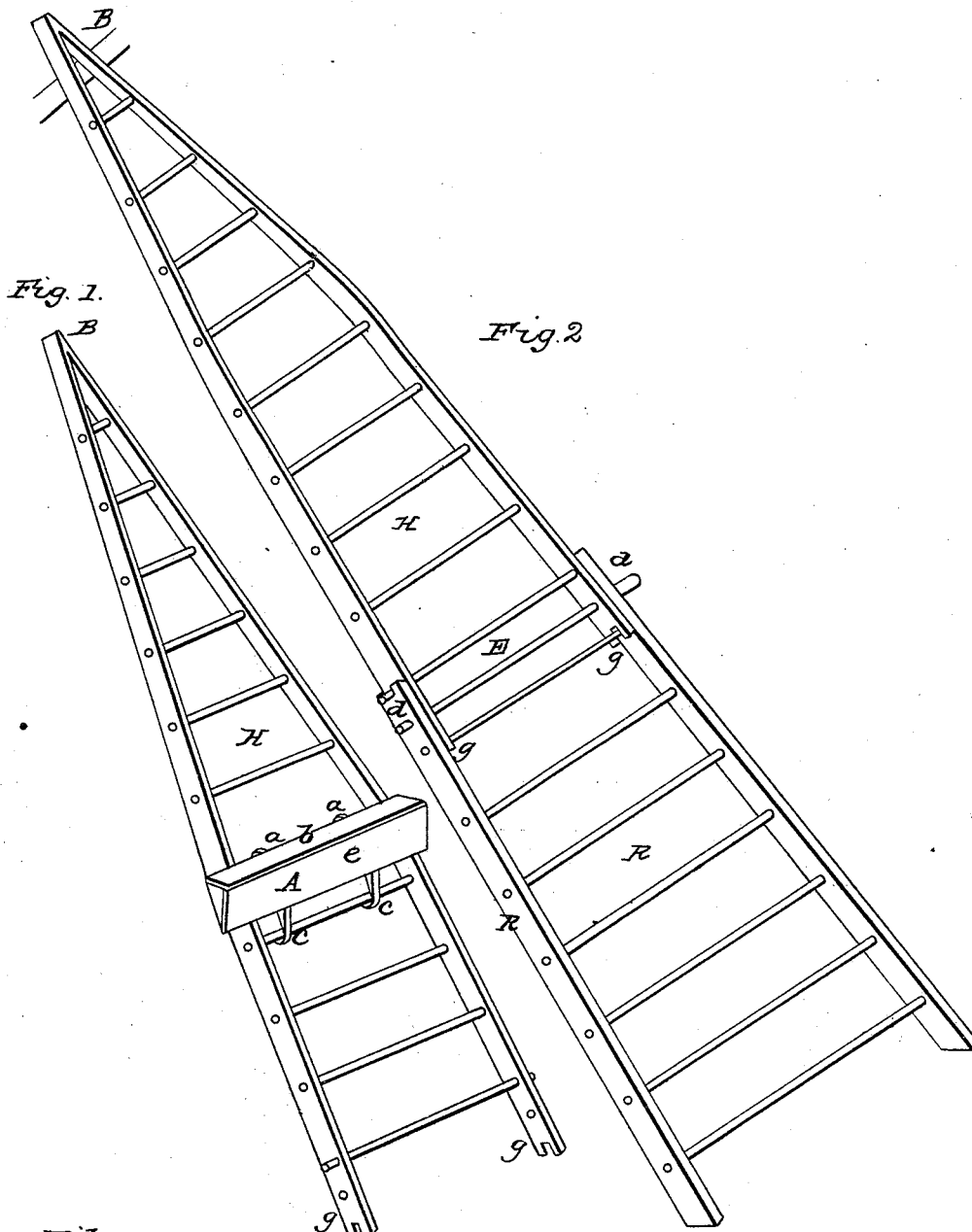


S. HUDSON.
Fruit Ladder.

No. 52,172.

Patented Jan'y 23, 1866.



Witnesses
Henry T. Weaver
James Crawford

Inventor
Sidney Hudson

UNITED STATES PATENT OFFICE.

SIDNEY HUDSON, OF MILFORD, MICHIGAN.

IMPROVEMENT IN FRUIT-LADDERS.

Specification forming part of Letters Patent No. 52,172, dated January 23, 1866.

To all whom it may concern:

Be it known that I, SIDNEY HUDSON, of Milford, in the county of Oakland and State of Michigan, have invented a new and useful Pointed Fruit and Farm Ladder, both Single and Extended, with an Adjustable Platform; and I do hereby declare that the following is a full, clear, and exact description of the construction and use of the same, reference being had to the annexed drawings, and to the letters marked thereon, making a part of this specification, in which—

H, Figure 1, is a perspective view of my invention, by which is represented a tapering ladder, both sides of which are brought to a point, as shown at B, A being an adjustable platform in position upon it, consisting of two steps, *d* and *e*, at right angles, which are hung to a round by hooks *a a*, while hooks below *e* clasp a round, thus preventing the steps from rocking. Changes are made to suit different elevations of the ladder by reversing the platform and by placing an extra round through the lower hooks.

H and R, Fig. 2, is also a perspective view of my invention, by which a combination of pointed ladder H with a tapering square-ended ladder, R, is represented, the two being connected by slots *g g* in the lower end of H, which set over the upper round of R, and by slots *d d* in the upper end of R clasping each end of the lower round of H as they project through the ladder. Pin E holds the two ladders firmly together.

From the above description the construction of my invention is readily seen.

The design of the inventor is to introduce

into general use a single and combined pointed ladder, for the purpose of making easy and convenient the gathering of fruit from high or low trees, and for trimming and grafting them, by passing the pointed end through the branches to any limb or nook desired, where it stands firmly resting on three bearings. The practice of forcing a square-ended ladder among or upon the branches of fruit trees, both injurious and clumsy, is an absurdity that must pass away and give place to a ladder and suitable step in keeping with the laws of nature, that will relieve, encourage, and please the lovers of fruit culture.

Having thus described my invention, and being aware that square-ended ladders, single and coupled and self-supporting, have been in common use, therefore I do not claim those principles broadly; but

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

1. Tapering ladder H, the sides of which are brought to a point, as and for the purpose herein shown and described.

2. The extending of pointed ladder H, by connecting its lower end to the upper end of a corresponding tapering ladder, R, by suitable couplings, as and for the purpose herein shown and described.

3. Platform A, which consists of two steps at right angles, with four adjusting hooks, as and for the purpose herein described.

SIDNEY HUDSON.

Witnesses:

HENRY T. WEAVERS,
JAMES CRAWFORD.