(No Model.)

C. RONEY.

LADDER.

No. 562,665. Patented June 23, 1896.

Fig. 1.

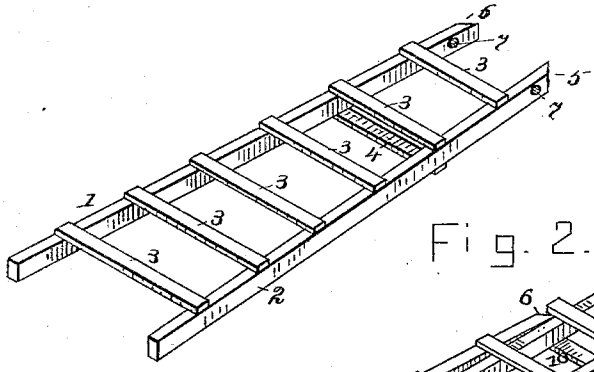


Fig. 2.

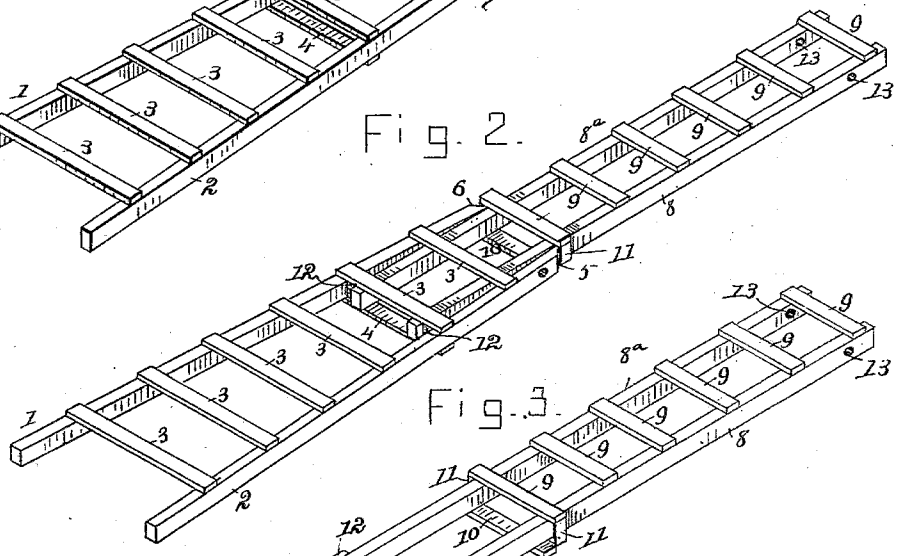
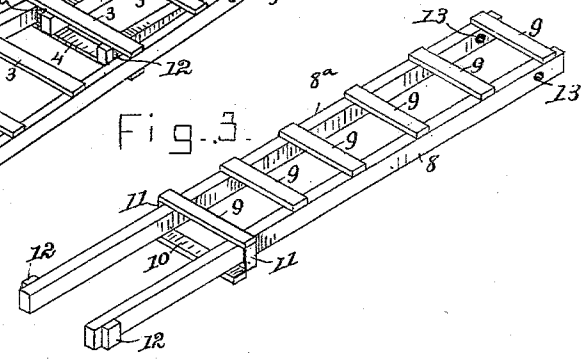


Fig. 3.



ATTEST

Ina C. Graham

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UNITED STATES PATENT OFFICE.

CHARLES RONEY, OF BETHANY, ILLINOIS.

LADDER.

SPECIFICATION forming part of Letters Patent No. 562,665, dated June 23, 1896.

Application filed August 1, 1895. Serial No. 557,814. (No model.)

To all whom it may concern:

Be it known that I, CHARLES RONEY, of Bethany, in the county of Moultrie and State of Illinois, have invented certain new and useful Improvements in Ladders, of which the following is a specification.

This invention relates to general-utility ladders, that is, to ladders capable of serving a variety of purposes. It is exemplified in the structure hereinafter described and it is defined in the appended claim.

In the drawings forming part of this specification, Figure 1 is a perspective representation of the lower section of the ladder. Fig. 2 is a perspective representation of the entire ladder fully extended. Fig. 3 is a perspective representation of the upper section of the ladder.

The lower section of the ladder is composed of the rails 1 and 2, having the step-bars 3 secured to one face and the stay-bar 4 secured to the opposite face about in line with the second step-bar from the top. The upper ends of the rails 1 and 2 are beveled at their sides, as shown at 5 and 6, and they have the holes 7, which serve a purpose to be hereinafter explained. The upper section of the ladder is composed of the rails 8 and 8ª, having on one face the step-bars 9, and on the other face a stay-bar 10, about in line with the lowest step-bar. Blocks 11 are secured to the sides of the rails in line with the lowest step-bar and such blocks are recessed to receive the beveled ends of the rails of the lower section. The lowest step-bar and the stay-bar 10 extend beyond the rails and aid the blocks in holding the beveled ends of the lower rails in position when the ladder is fully extended. Blocks 12 are secured to the sides of the lower ends of the rails of the upper section, and holes 13 are formed through such rails at the upper ends thereof.

To extend the ladder, the lower end of the upper section is placed between stay-bar 4 and a step-bar 3 of the lower section with the beveled ends of the rails of the lower section resting in the recesses of blocks 11 between the stay-bar 10 and a step-bar 9, while blocks 12 bear against the inner sides of the lower rails and steady the upper section laterally. In this position the ladder will reach to a considerable height and will be as substantial as if the rails were continuous.

The two sections may be used separately for short ladders when desired.

I have found a ladder constructed as described very serviceable in gathering fruit, and many other uses are obvious.

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

A ladder comprising two sections, the first section of which is composed of rails having step-bars 3 on one face and a stay-bar 4 on the opposite face, the upper ends of the rails being beveled laterally, and the second section composed of rails having step-bars 9 on one face, a stay-bar 10 on the opposite face, and recessed blocks 11 on the sides of said rails to receive the beveled upper ends of the first section, substantially as described.

In testimony whereof I sign my name in the presence of two subscribing witnesses.

CHARLES RONEY.

Attest:

JAMES O'MARA,

L. P. GRAHAM.