(No Model.)

A. E. GEISSINGER.

STEP LADDER.

No. 346,437. Patented July 27, 1886.

Fig. 2.

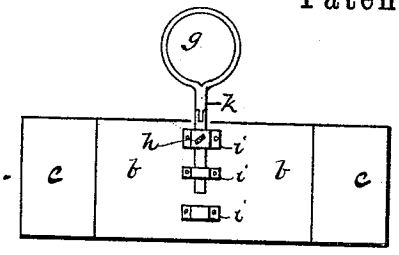


Fig. 1.

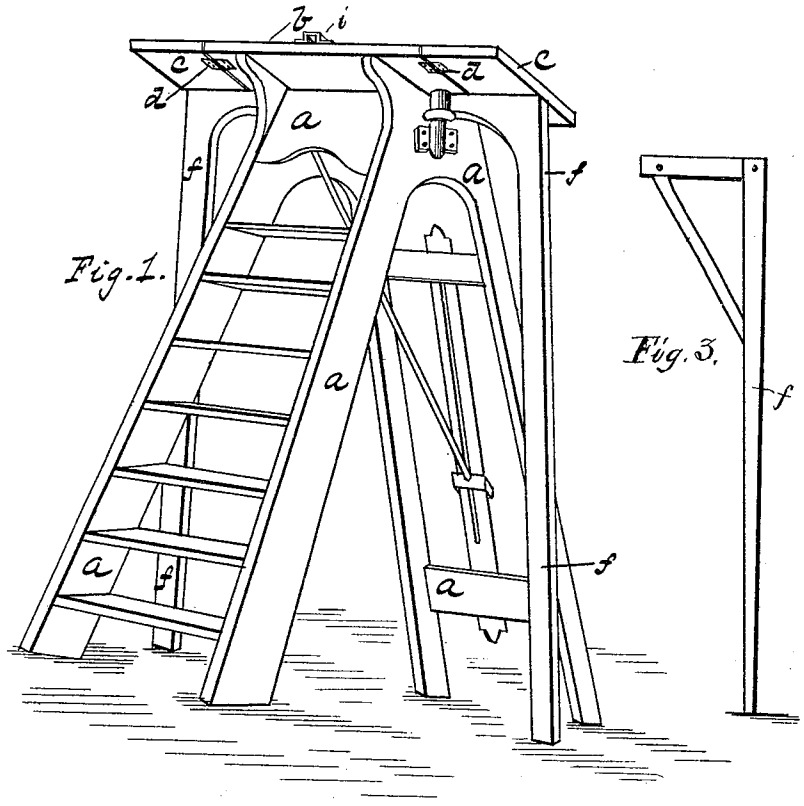


Fig. 3.

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UNITED STATES PATENT OFFICE.

ANNIE E. GEISSINGER, OF ALLEGHENY, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO GEORGE B. GEISSINGER, OF SAME PLACE.

STEP-LADDER.

SPECIFICATION forming part of Letters Patent No. 346,437, dated July 27, 1886.

Application filed March 29, 1886. Serial No. 197,040. (No model.)

To all whom it may concern:

Be it known that I, ANNIE E. GEISSINGER, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Step-Ladders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improvement in step-ladders. The object being to provide a step-ladder whereby the platform or top may be extended at both ends and a means for supporting the same in a horizontal position; and with this end in view my invention consists in certain details of construction and combination of parts, as will be more fully set forth hereinafter.

In the accompanying drawings, Figure 1 is a perspective view of a step-ladder provided with suitable braces for suspending the same in a horizontal position. Fig. 2 is a plan view of the top or platform, showing the folding bracket in which a bucket or pail may be secured. Fig. 3 is a side elevation of another form of the leg or rest in which a brace is secured, which adds additional strength to the leg or rest.

To put my invention into practice, I provide a step-ladder, *a*, of any well-known design, such as are now in common use. On either end of the top or platform *b*, I secure extension-leaves *c*, with hinges *d* placed on the under side, which admits of the leaves *c* folding or falling to the sides of the ladder *a* in a vertical position. Secured to the under side of the top or platform *b* are vertical folding legs or rests *f*, capable of being folded against the sides of the ladder when the extension-leaves *c* are in a vertical position, and used to sustain the leaves *c* in a horizontal position. At the rear of the platform *b* is secured, in staples *i*, a folding loop, *g*, into which a bucket or pail may be secured. This loop *g* is provided with a jointed square bar, *k*, which is held in position on the platform by three staples, *i*. A set-screw, *h*, placed in the top of the first staple *i*, secures the bar rigidly. When it is desired to fold or droop the loop *g* in a vertical position, the bar *k* is withdrawn from the staples *i* until the hinge or joint comes to the edge of the platform *b*. The advantages of this addition to the top or platform *b* of the ladder *a* are, the operator on the platform *b* may move from end to end and not overbalance the ladder *a*, affords more room for working, and does not require as much moving about.

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

A step-ladder provided with folding extension-leaves *c*, hinged to the top or platform *b*, the vertical hinged legs or supports *f*, capable of being folded against the sides of the ladder *a*, and a folding loop, *g*, secured to the rear of the platform *b*, substantially as set forth.

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