

A. LIESCHE.

Improvement in Combined Chairs and Step Ladders.

No. 123,183.

Patented Jan. 30, 1872.

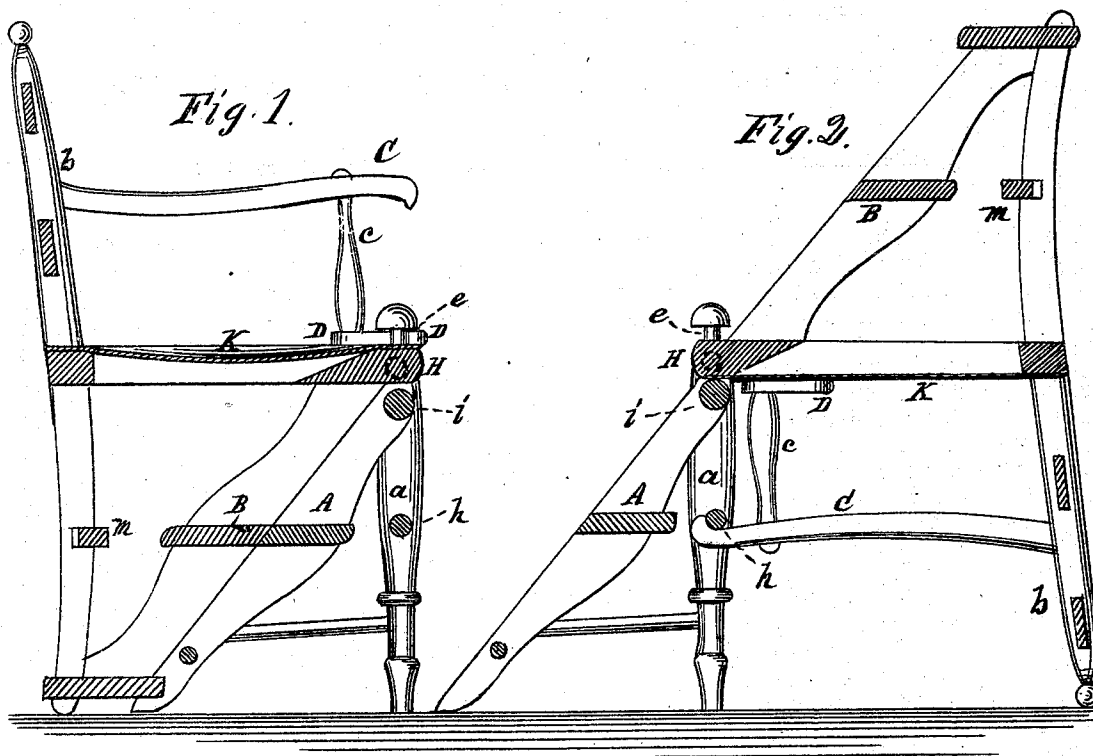
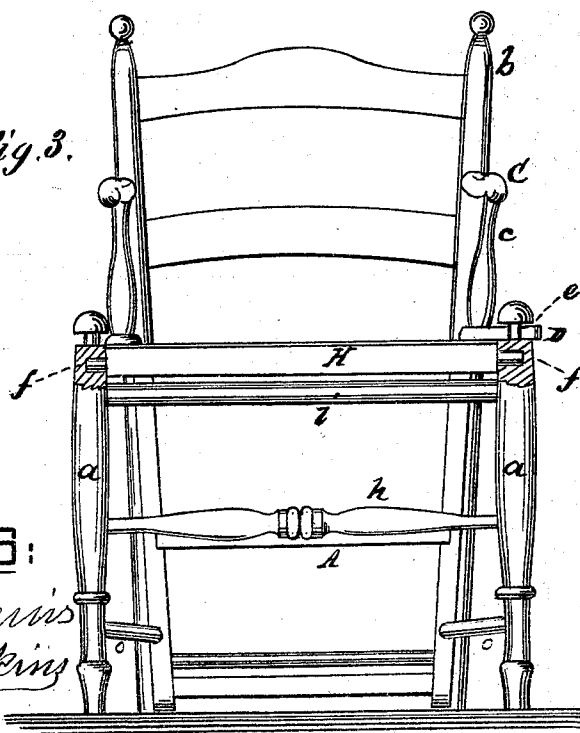


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

AUGUST LIESCHE, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN COMBINED CHAIRS AND STEP-LADDERS.

Specification forming part of Letters Patent No. 123,183, dated January 30, 1872.

Specification describing certain Improvements in a Combined Chair and Step-Ladder, invented by AUGUST LIESCHE, of Syracuse, in the county of Onondaga and State of New York.

The invention consists in the general construction, arrangement, and combination of parts composing the chair and step-ladder, as hereinafter fully described.

A *a* is the front part or section of the chair and ladder, and B *b* is the rear section. These sections are pivoted together by pivots *ff*, Fig. 3, in the sides of the seat H, that engage with the front legs *aa* of the chair, the front section being made wide enough so that the legs *aa* come upon the sides of the seat, thus making a stronger and cheaper connection between the sections than heretofore. The sections are locked in the unfolded position by the arm C hooking onto the round *h* of the front section, as shown in Fig. 2. This arm is seated firmly in the back of the chair, and its front end is free to play vertically on the round *c*, so that, by springing the arm, its hooked end is sprung onto the round *h* when open and in the step-ladder position. This hook is self-acting in engaging with the round, but is unhooked by hand when the sections are to be folded. The sections are held closed, so as to be handled or moved about as a chair without inconvenience, by a lock or hook, D, which is made of wood, and journaled on the round *c* when the chair is put together. This hook engages with the upper end of one of the legs *a*, which is turned with a neck, *e*, for the hook to take hold

of. A deep cut is made in the leg to form the neck *e*, so that the hook can be of wood and not appear cumbersome by a portion of the hook being hidden in the said cut. The chair-rounds or braces *m h* are placed opposite to the steps A B to increase the width of the steps, as seen in Fig. 2, giving the chair a light appearance, and yet have the steps as broad as possible. The pivots *ff* are placed in the seat eccentrically, to a slight degree, with relation to the round *i* and seat, so that the round is brought in close contact with the seat when the sections are unfolded to make the round support and strengthen the step H. This step H is beveled on the seat side of it to make room for the cloth seat K to sag. The front end of the cloth seat can be brought over and down to the round *i* and fastened to said round to give the chair a more solid and comfortable appearance.

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

The combined chair and step-ladder A *a* B *b*, the parts pivoted together by pins *ff*, as shown and described, and having locks C, *h*, and D, and their rounds *h* and *m* arranged opposite to the steps A B, as and for the purpose herein described.

The above specification of my invention signed by me this 16th day of October, 1871.

AUGUST LIESCHE.

Witnesses:

JOHN D. CHRISTMAN,
GEORGE C. YOUNG.