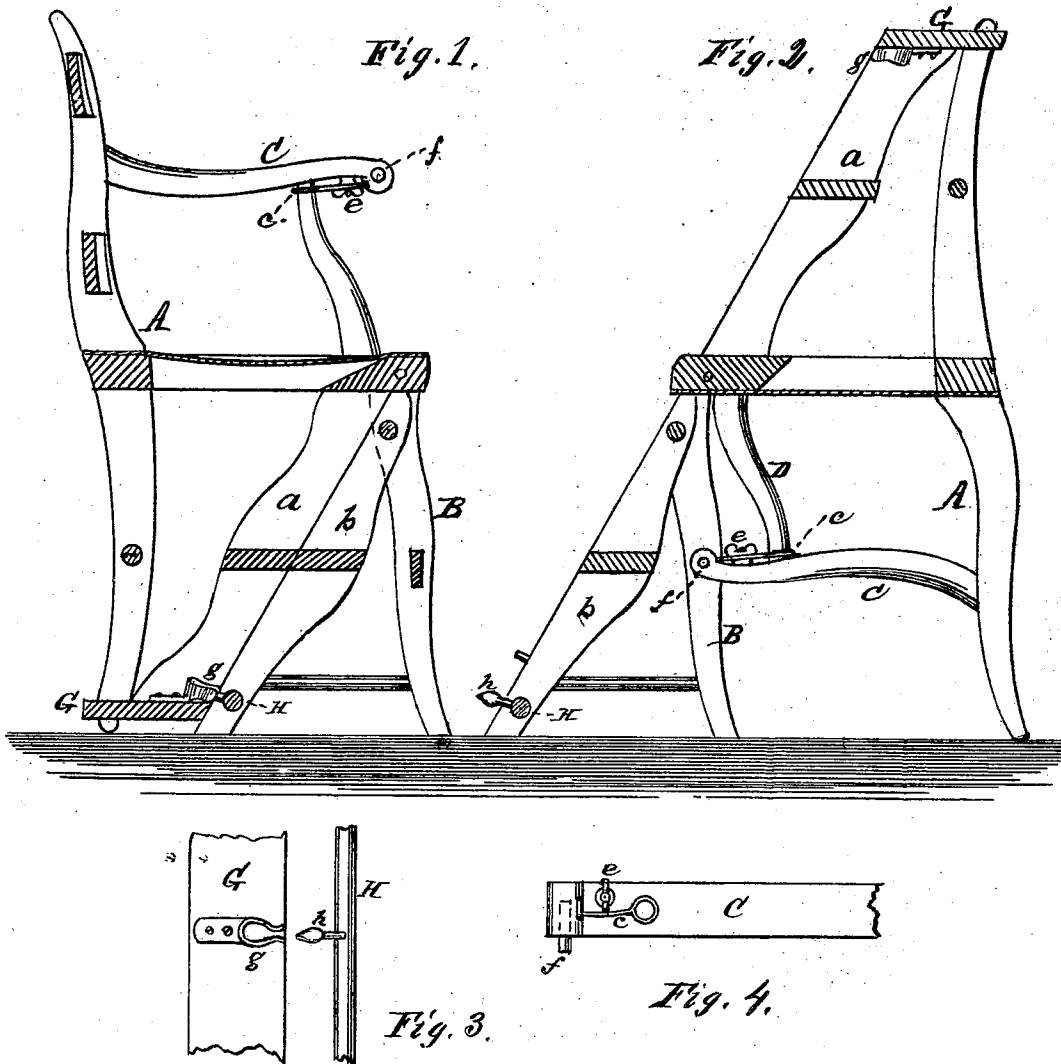


A. LIESCHE.

Improvement in Chairs and Step-Ladders Combined.

No. 127,980.

Patented June 18, 1872.



Witnesses:

Otto Veith
J. A. Moley

Inventor:

August Liesche.

UNITED STATES PATENT OFFICE.

AUGUST LIESCHE, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN CHAIRS AND STEP-LADDERS COMBINED.

Specification forming part of Letters Patent No. 127,980, dated June 18, 1872.

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

The nature of the invention consists in improved locks for holding the parts in the open and closed positions, or in the ladder and chair positions, being a spring-catch controlled by a thumb-piece and a spring-clamp that is self-acting, as hereinafter more fully described.

Figure 1 is a sectional view of the chair, and Fig. 2 is a like view of the ladder. Fig. 3 is a detail view of the clamp for holding the parts in the closed position, and Fig. 4 is a like view of the lock for holding the parts in the unfolded position.

For securing the parts in the form of a chair the step G is provided with a spring-clamp, having two jaws, *g*, Fig. 3; and the round H has a pin or projection, *h*, with a spear-shaped head that engages with the clamp *g*, making a friction-clamp, that holds the parts sufficiently secure, yet yields readily for the pur-

pose of opening or closing the parts when the foot is placed on one of the side rounds of section B *b*, and the other section A *a* operated by hand.

For securing the parts in the ladder position the arm C has a concealed pin, *f*, in its end, that is thrown out by a wire, *e*, and thumb-piece *e*, as shown in Fig. 4, to engage with one of the legs of B, as seen in Fig. 2, thus locking the parts in the opened position.

Having thus described my invention, what I claim is—

The fastening devices, composed of the clamp *g h* and bolt *e e f*, in combination with the folding chair and ladder A *a B b* for holding the parts in the open and closed positions, substantially as described.

The above specification of my invention signed by me this 22d day of March, 1872.

AUGUST LIESCHE.

Witnesses:

OTTO VEITH,
F. A. MORLEY.