I. N. DANN.

FOLDING-CHAIR.

No. 191,408. Patented May 29, 1877.

Fig. 1.

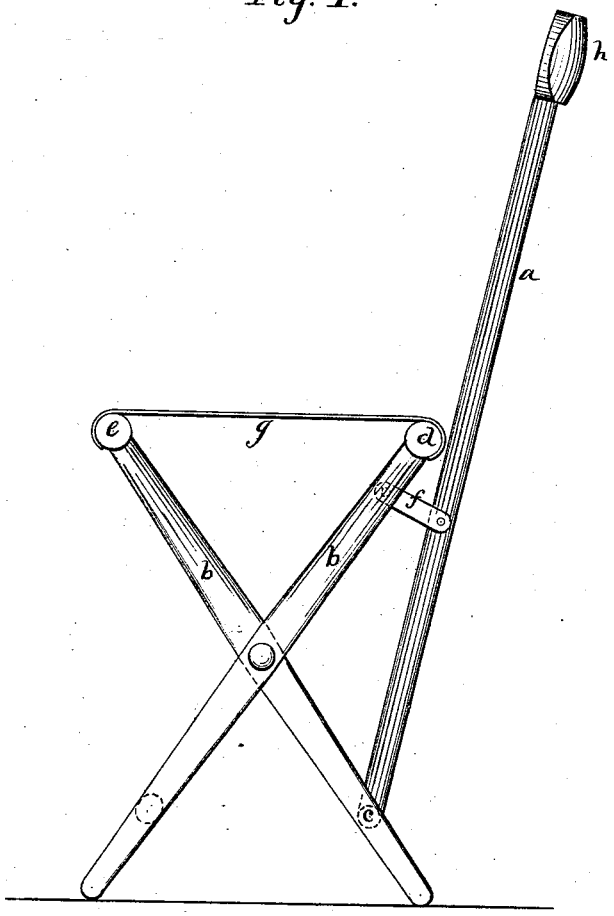
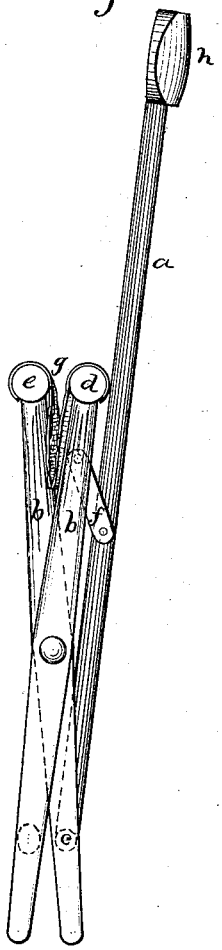


Fig. 2.



Witnesses:

E. J. Merwick

John M. Whitney

Inventor:

Isaac N. Dann.

UNITED STATES PATENT OFFICE.

ISAAC N. DANN, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO NEW HAVEN FOLDING CHAIR COMPANY, OF SAME PLACE.

IMPROVEMENT IN FOLDING CHAIRS.

Specification forming part of Letters Patent No. **191,408**, dated May 29, 1877; application filed August 18, 1876.

To all whom it may concern:

Be it known that I, ISAAC N. DANN, of New Haven, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Folding Chairs; and I hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute a part of this specification, and represent, in—

Figure 1, a view of the chair open; Fig. 2, a view of the chair closed.

In providing the folding stool with a back, my object is to adapt the back to a flexible seat, and to prevent the rubbing and disfiguring of the back in opening and closing the stool; the improvement consisting, specifically, in the combination, with the stool having a flexible seat, of the back arms fixed at their lower ends to the rear legs, and the pivoted links connecting said back arms to the sides of the front legs, and arranged and adapted to hold the back arms from contact with the seat-round in folding and unfolding the chair.

A folding stool with flexible seat has been provided with a back staff or arms passing through loops secured to the seat-round in a manner to hold the back staff or arms in contact with the round and the loop sides. So, also, have pivoted links been used in connection with a stool seat back and a stiff seat, which required the back arms to move in slots at their lower leg-connections, and to be connected near their top to the front legs; but in the adaptation of the links to the stool having a flexible seat, I am enabled to finish the back arms as finely as other parts of the chair, by having the links adapted to support the back arms away from the seat-round.

The letters *a* represent the pillars of the back; *b*, the cross-legs; *c*, the round connecting the lower ends of the rear legs; *d*, the round connecting the upper ends of the front legs, and forming the rear support of the seat; *e*, the front round-support of the seat, and connecting the upper ends of the back legs; *f*, the links or braces by which the pillars of the back are held in a perpendicular position; *g*, the seat. The fastening of the lower ends of the pillars of the back in the round *c* is fixed or solid with the same, and the round turns loosely in the legs *b;* but this may be reversed, the round *c* being fastened firmly to the legs *b*, and the pillars attached to the round by a strap fastened around it, forming an eye; or the pillars may simply be riveted loosely to the lower end of rear legs. *h* is the back slat.

To fold the chair, draw the back and front round-supports of the seat together, and the back pillars will naturally follow into proper position.

I desire to secure, and, therefore, I claim—

1. In a folding stool, the legs *b*, the flexible seat *g*, back arms *a*, secured to the lower round *c*, and the links *f*, pivoted to the upper portion of the front legs and to said back arms, constructed and arranged to support the back arms away from the top stool-round, as described.

2. The movable brace or link attached at or below the seat of a folding chair, substantially as and for the purpose described.

ISAAC N. DANN.

Witnesses:

EDWIN F. MERRICK,
JOHN M. WHITNEY.