F. A. PATCH.

FOLDING-CHAIR.

No. 171,040. Patented Dec. 14, 1875.

Fig. 1

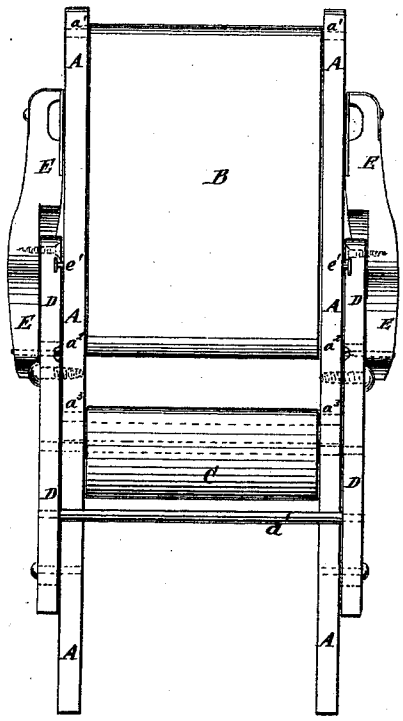


Fig. 2

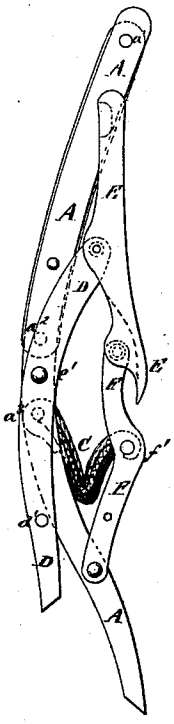
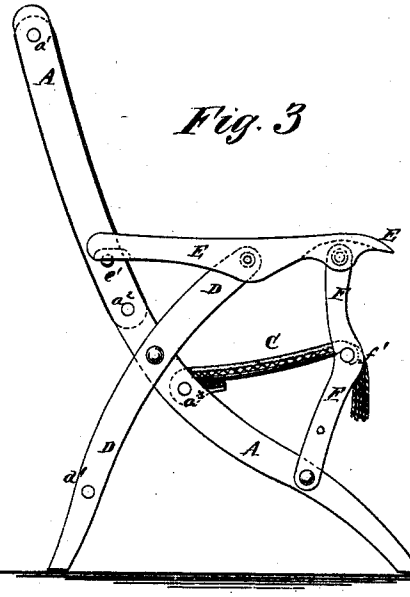


Fig. 3



WITNESSES:

A. W. Almquist

A. F. Terry

INVENTOR:

F. A. Patch

BY

ATTORNEYS.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

FRANK A. PATCH, OF NEW YORK, N. Y.

IMPROVEMENT IN FOLDING CHAIRS.

Specification forming part of Letters Patent No. **171,040**, dated December 14, 1875; application filed April 17, 1875.

To all whom it may concern:

Be it known that I, FRANK A. PATCH, of the city, county, and State of New York, have invented a new and useful Improvement in Folding Chairs, of which the following is a specification:

Figure 1 is a rear view of my improved chair folded. Fig. 2 is a side view of the same folded, and Fig. 3 is a side view of the same opened out for use.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved folding chair, which shall be simple in construction, inexpensive in manufacture, light, strong, durable, and convenient in use, which may be folded compactly, and shall be firm and stable when in use.

The invention consists in an improved folding chair formed by the combination of the side bars, the arms, the brace-bars, and the rounds that receive the back and seat with each other, in the manner hereinafter fully described.

A are the side bars of the chair-frame, which are curved in the manner seen in Figs. 2 and 3, so that their lower parts may serve as the forward legs of the chair, and their upper parts as the posts of the back. The bars A are connected by three cross-bars or rounds, a^1 a^2 a^3. The two rounds a^1 a^2 receive the flexible or cloth back B, and to the third or lower round a^3 is attached the rear part of the flexible seat C. D are the side bars of the chair-frame, which are slightly curved, as seen in Figs. 2 and 3, and are pivoted to the bars A above and a little in the rear of the rear seat-round a^3, so that their lower parts may serve as the rear legs of the chair. The lower parts of the bars D are connected by a round, d'. To the upper ends of the bars D are pivoted the arms E, the forward ends of which are pivoted to the upper ends of the brace-bars F. The lower ends of the bars F are pivoted to the forward or lower parts of the side bars A. The brace-bars F are curved, as shown in Figs. 2 and 3, and to their bends are attached the ends of the round f', that receives the forward part of the flexible seat C. The arms E may terminate at or near the ends of the side bars D, or they may extend back and overlap the side bars A, as shown in Fig. 3. The latter construction is preferred, as giving to the chair a more finished appearance. In this case the rear ends of the arms E are recessed upon their lower sides, to catch upon the heads of the stop-pins e', attached to the side bars A, to keep the rear ends of the arms E from being pressed outward. By this construction the cross-bars that support the seat are so placed with respect to the pivoting-points of the frame that the weight of the person sitting in the chair tends to spread the frame, and thus causes the various parts to lock each other, and makes the frame very firm when in use.

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

An improved folding chair, formed by the combination of the side bars A D, the arms E, the brace-bars F, and the rounds a^1 a^2 a^3 f', that receive the back B and seat C, with each other, substantially as herein shown and described.

FRANK A. PATCH.

Witnesses:
JAMES T. GRAHAM,
T. B. MOSHER.