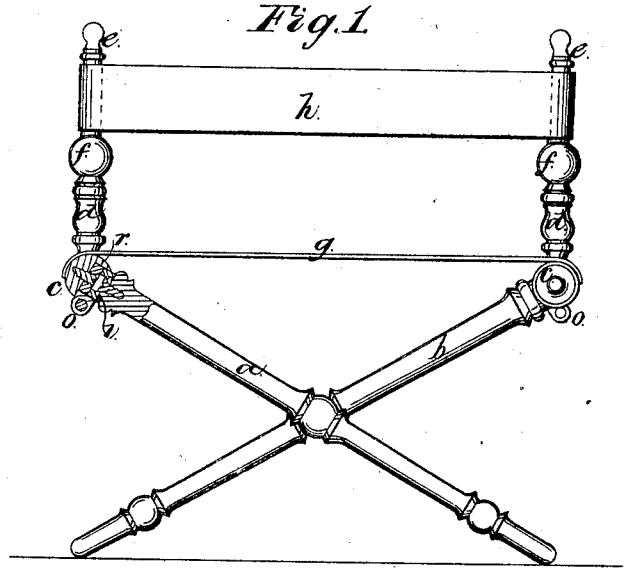
J. HARDY.

FOLDING CHAIR.

No. 67,759. Patented Aug. 13, 1867.

Fig. 1.



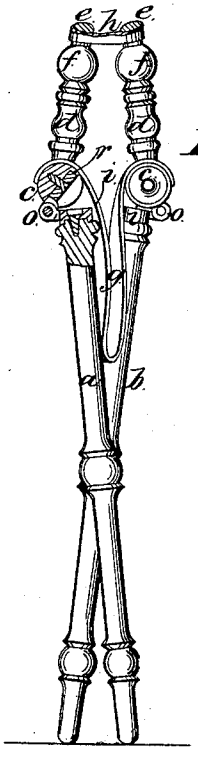


Fig. 2.

Witnesses.

Geo. S. Walker

Chas. H. Smith

Inventor.

P. J. Hardy

United States Patent Office.

PIERRE J. HARDY, OF NEW YORK, N. Y.

Letters Patent No. 67,759, *dated August* 13, 1867.

IMPROVED FOLDING CHAIR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, PIERRE J. HARDY, of the city and State of New York, have invented, made, and applied to use a certain new and useful improvement in Folding Chairs; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is an elevation of my improved chair as opened for use, the leg and rail on one side being in section to show the joint; and

Figure 2 is a similar view of the chair when folded.

The same letters denote corresponding parts.

Folding chairs have heretofore been made with X-legs without arms; also with side arms extending vertically, or nearly so, from the top rails as the chair is open; hence, when the chair is folded, it will not shut up into a small compass, because the arms first come together, and these standing at an angle to the X-legs prevent those closing. Folding chairs have also been made with hinges between the upper ends of the X-legs and the arms; but these have been of a character liable to be injured by the weight of the person.

The nature of my said invention consists in a peculiar hinge introduced between the folding X-legs and the arm-pieces, whereby the parts are allowed to fold; but when spread for use the strain is not upon the joints of the hinges, because the ends of the legs enter into recesses containing also the hinges.

In the drawing, *a* and *b* are the legs, united near their centres, so as to open into an X-form, or fold together. These are to be of any desired size or construction. *c c* are the rails, from which the arms rise. Each arm is made with a front post, *d*, a back post, *e*, and an arm-piece, *f*, framed together in any desired manner. From one rail *c* to the other the webbing forming the seat *g* extends; and *h* is a back, also of webbing, extending from one post *e* to the other. The hinges that unite the upper ends of the X-legs to the rails *c* are each made with a socket, *i*, into which the upper end of the leg is introduced; and a screw is employed to hold the socket upon the end of the leg; and this socket is connected by the joint *o* to the plate *r*, that is made circular, and of a size corresponding to that of the socket *i*; and it is screwed into a recess bored in the rail *c*.

It will now be evident that the ends of the legs can be turned of a size to fit the sockets *i*, and holes bored in the rails *c* for the plates *r*; and when the chair is in use the hinge itself is relieved of strain, because the sockets on the ends of the legs enter the holes in the rails *c*.

What I claim, and desire to secure by Letters Patent, is—

The hinges formed as caps for the tops of the legs, as specified, and introduced between the folding X-legs and the side rails of the arms, as set forth.

In witness whereof I have hereunto set my signature this fifteenth day of April, 1867.

P. J. HARDY.

Witnesses:

CHAS. H. SMITH,

GEO. D. WALKER.