

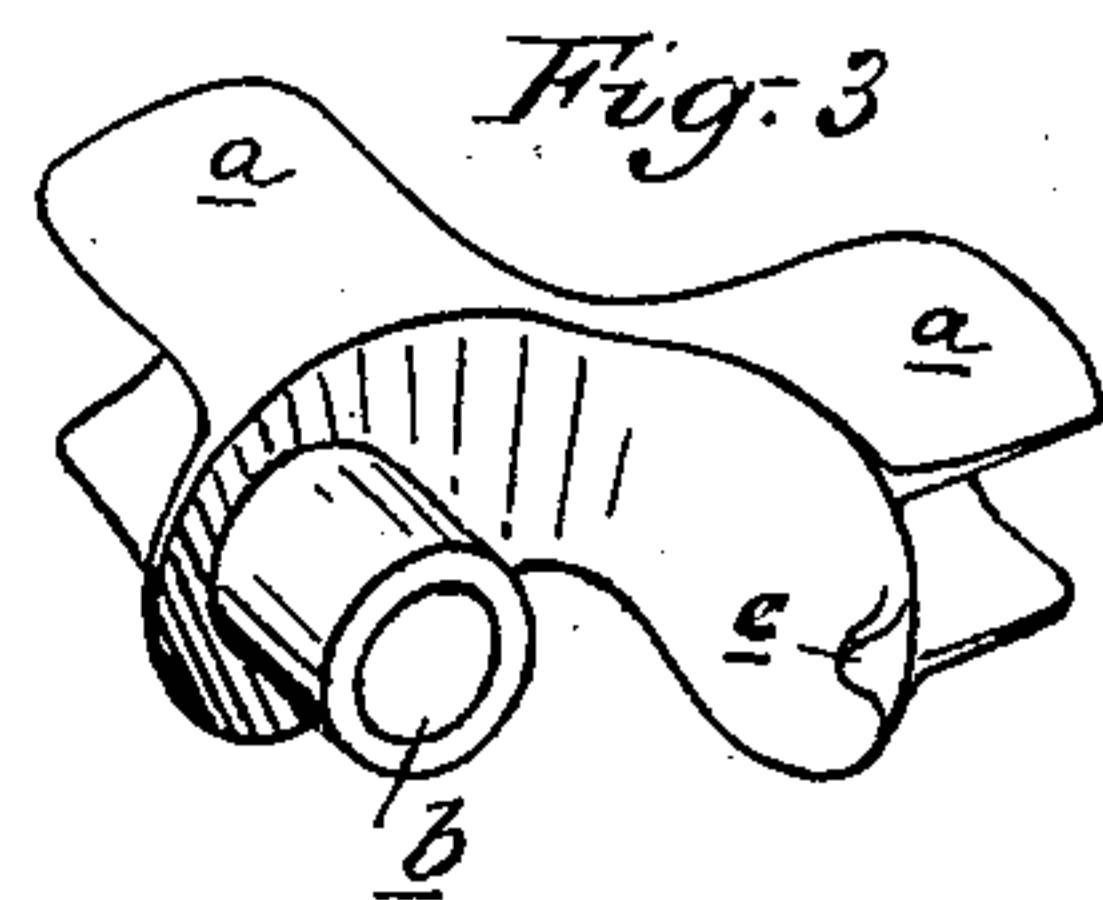
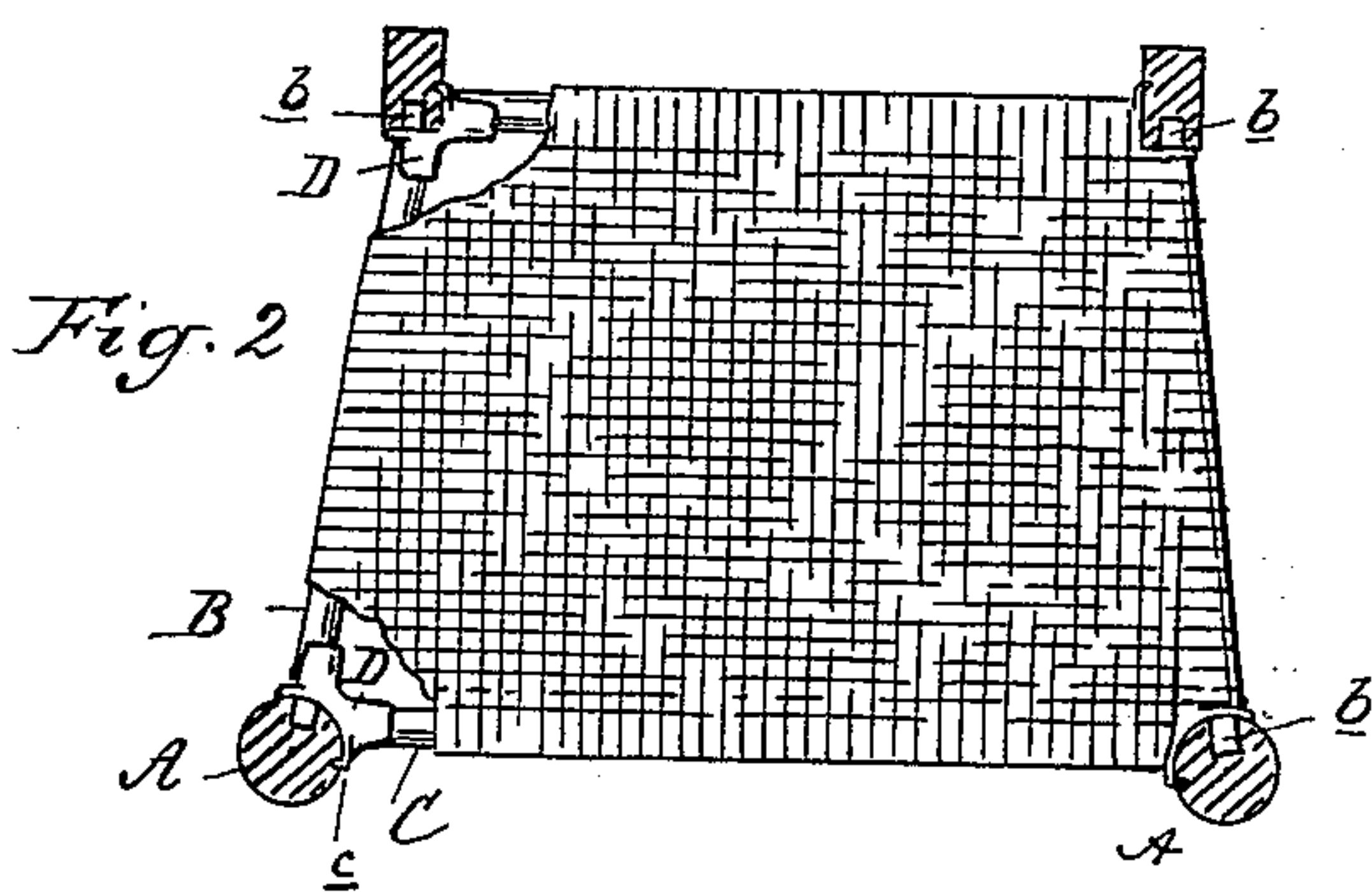
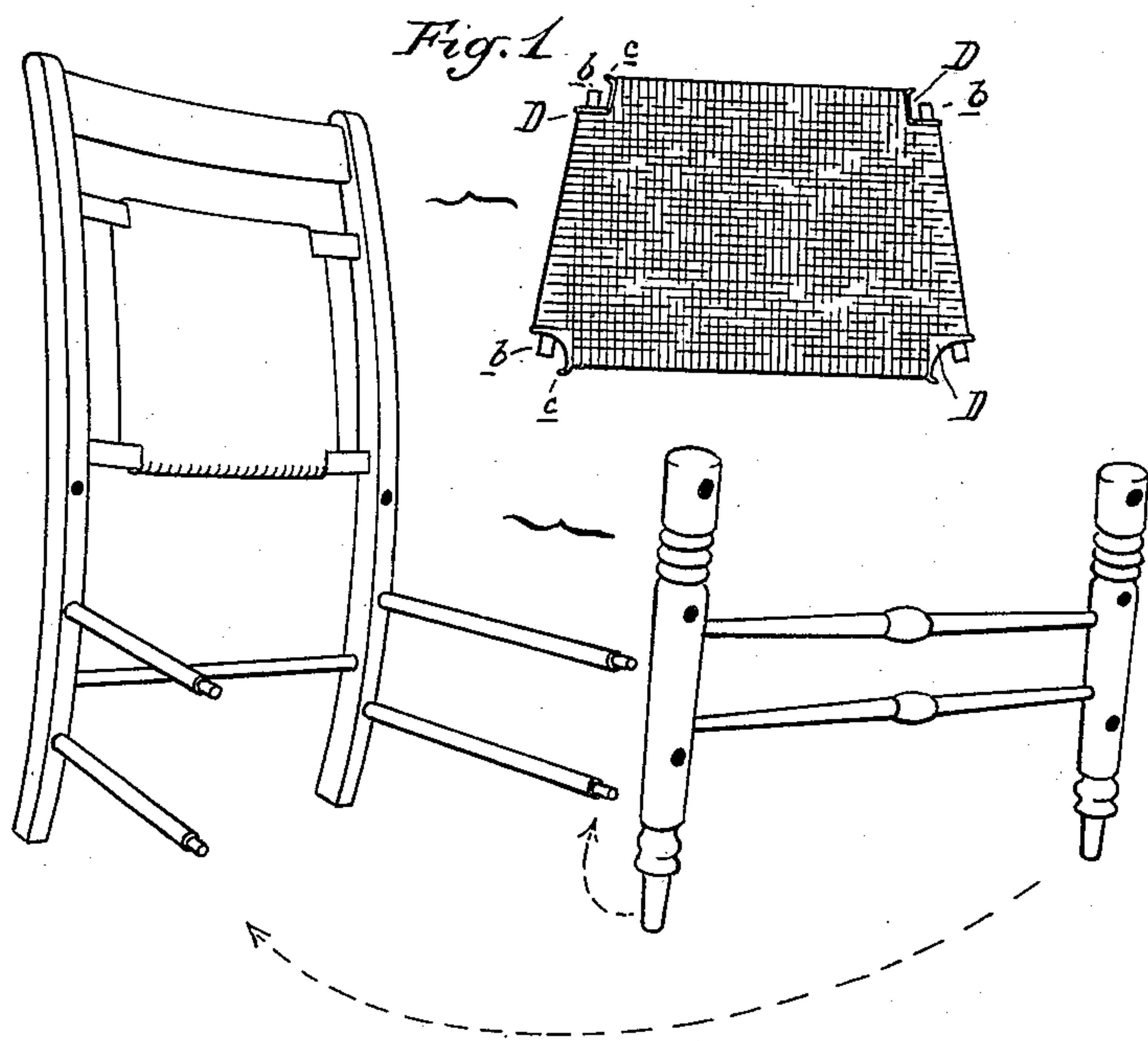
(No Model.)

I. D. COMSTOCK & E. J. GIBSON.

CORNER IRON FOR CHAIRS.

No. 323,117.

Patented July 28, 1885.



Attest:

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UNITED STATES PATENT OFFICE.

ISAAC D. COMSTOCK AND EDWARD J. GIBSON, OF ADRIAN, MICHIGAN.

CORNER-IRON FOR CHAIRS.

SPECIFICATION forming part of Letters Patent No. 323,117, dated July 28, 1885.

Application filed May 15, 1884. (No model.)

To all whom it may concern:

Be it known that we, ISAAC D. COMSTOCK and EDWARD J. GIBSON, of Adrian, in the county of Lenawee and State of Michigan, have invented new and useful Improvements in Corner-Irons for Chairs; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to certain new and useful improvements in corner-irons for knock-down chairs.

The invention consists in the peculiar construction of a corner-iron adapted to be secured upon the ends of rails of the seat and to engage the posts of the chair-frame, so that when the chair is set up the parts will be held securely together, all as more fully hereinafter set forth.

Figure 1 is a perspective view of a chair-frame provided with our improved corner-iron. Fig. 2 is a plan of a chair-seat provided with our device at each corner. Fig. 3 is a perspective of the corner-iron detached.

In the accompanying drawings, which form a part of this specification, A represents a section of one of the front legs or part of a chair; B, the side rail, and C the front rail, of the seat.

D represents one corner-iron, preferably constructed of malleable iron, provided with the two sockets *a a* for the reception of the ends of the rails. These sockets *a* may be of any desired shape; or they may be open at one side, into which a dovetail tenon in the end of the rail may be inserted, or in any other manner by means of which the iron can be

rigidly secured to the rails. Upon that portion of the iron that is secured to the side rail, B, there is cast a tenon, *b*, which fits into a correspondingly-shaped hole bored in the chair leg or post to receive it. The face of the iron from which the tenon *b* projects is designed to conform to the shape of the leg upon which it is to be employed.

In practice, a corner-iron such as is herein described is rigidly secured to the rails of the seat at the junction of the seat-rails, (Fig. 2,) and the chair can be packed for transportation in compact knockdown form. When it is desired to set up the chair, the side spreaders are inserted in the back posts or legs and the rear side of the seat-frame placed in position, the tenons *b* entering the holes in the legs provided for them; the front leg-frame is then likewise put in proper engagement with the spreaders and seat-frame. To secure the parts together, a lip, *c*, in the iron may be driven into the adjacent leg, or a screw may pass through such lip into the leg.

What we claim as our invention is—

1. A chair corner-iron, D, having the face which fits the chair-leg provided with a tenon, *b*, and the opposite face provided with the arms *a a*, substantially as specified.

2. A corner-iron for chairs, consisting of the iron D, provided with the tenon *b*, lip *c*, and arms *a*, when constructed substantially in the manner and for the purposes specified.

ISAAC D. COMSTOCK.
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Witnesses:

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