

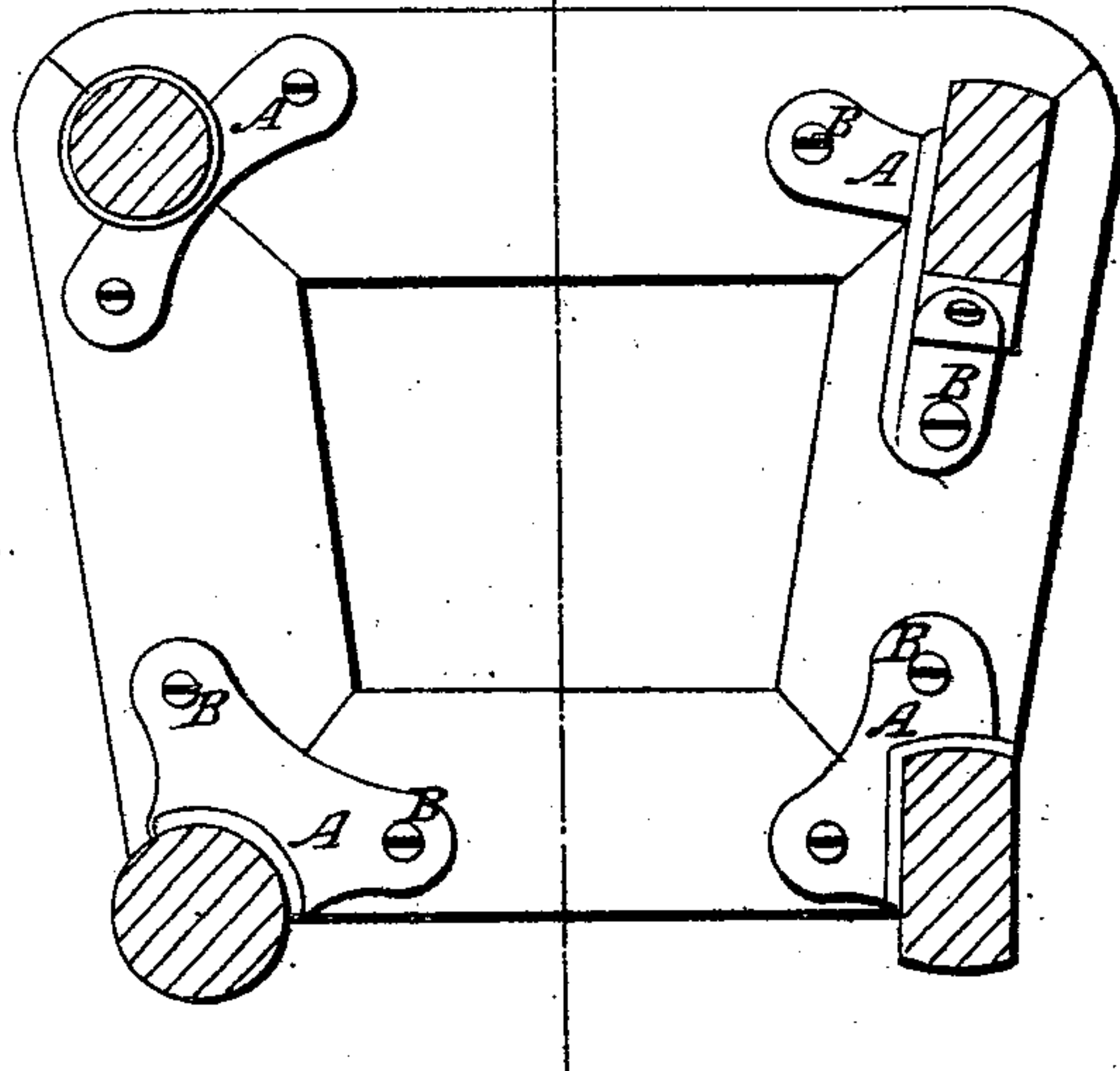
*H. H. Everts.*

*Chair.*

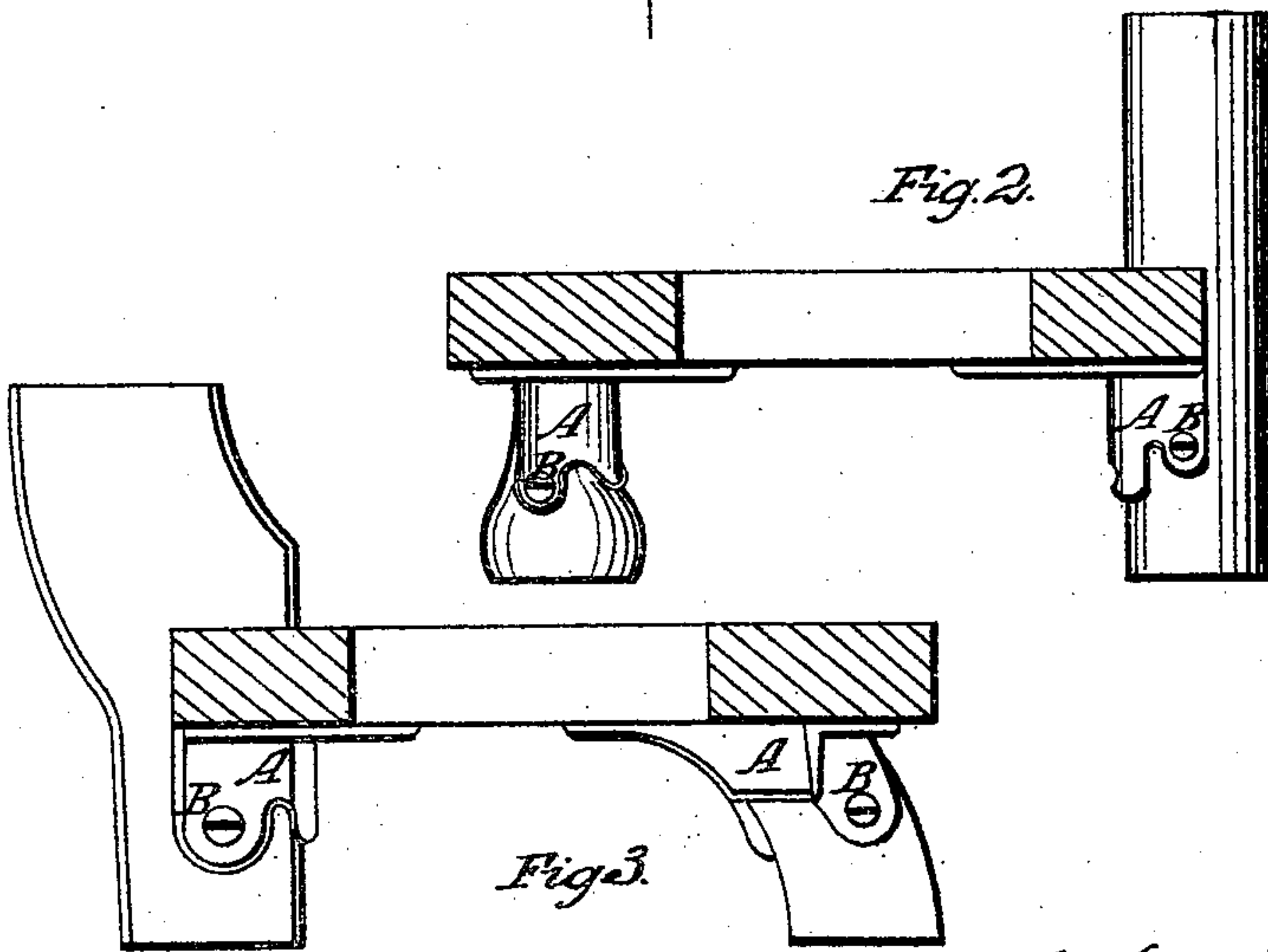
*N<sup>o</sup> 100,132.*

*Patented Feb. 22, 1870.*

*Fig. 1.*



*Fig. 2.*



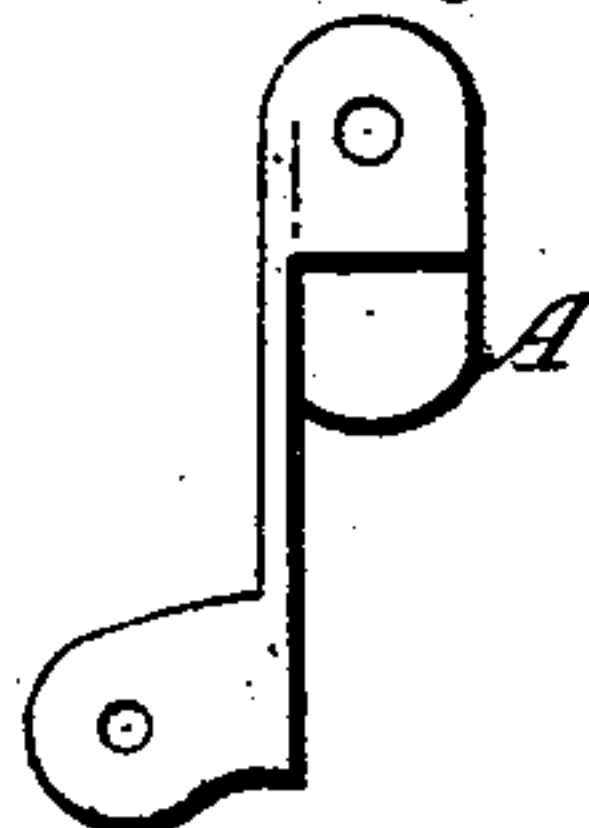
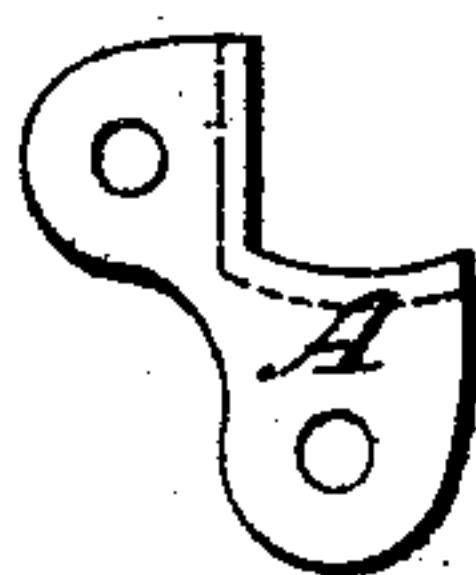
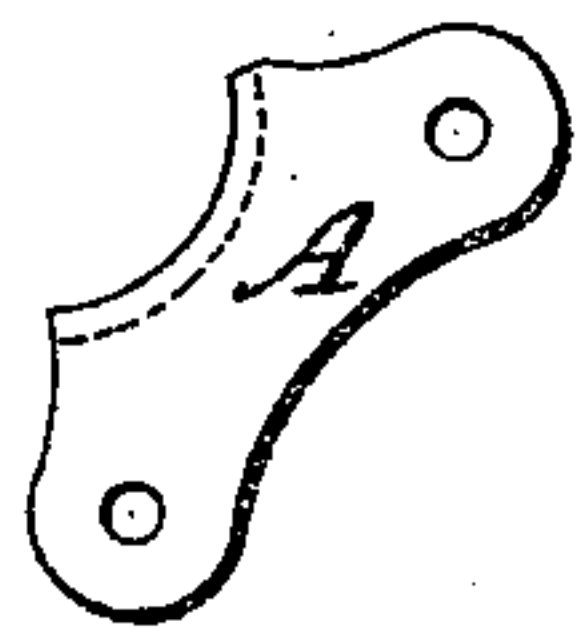
*Fig. 3.*

*Fig. 6.*

*Fig. 7.*

*Fig. 4.*

*Fig. 5.*



*Witnesses.*

*Heim. Brown.*

*L. L. Coburn.*

*Inventor*

*Harry H. Everts*

# United States Patent Office.

HARRY H. EVARTS, OF CHICAGO, ILLINOIS.

*Letters Patent No. 100,132, dated February 22, 1870.*

## IMPROVEMENT IN THE CONSTRUCTION OF CHAIRS.

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, HARRY H. EVARTS, of Chicago, in the county of Cook, and State of Illinois, have invented a new and useful "Improvement in Chairs;" and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings and the letters and figures marked thereon, which form a part of this specification, and in which—

Figure 1 represents a bottom view of my improved chair;

Figure 2, a sectional view at the line *x*, looking to the left;

Figure 3, a sectional view at the same line, looking to the right; and

Figures 4, 5, 6, and 7, top or plan views of the iron braces or brackets A, detached from the chair.

The object of my invention is to so brace and strengthen a chair at its joints where the legs are joined to the seat, and where the frame of the seat is joined together, that it will be strong and durable, and not be constantly falling apart and needing repairs, as is now the case with most chairs.

The nature of my invention consists in the combination of the chair-legs, the brace or brackets A, and the chair seat, as hereafter more fully described.

To enable those skilled in the art to understand how to manufacture and use my invention, I will proceed to describe the same with particularity.

The same letters of reference refer to the corresponding parts in the different figures.

Chairs are very liable to become loose at the joints, especially when the legs are attached or joined to the seat, and when the seat is made of a frame put together with joints at the corners there is more or less liability of these joints becoming loose, since the legs and posts are attached to the frame of the seat at the

corners, so that all the lateral strain on the chair tends to loosen these joints.

To strengthen these joints and make them firm and solid, I make metallic brackets or braces, A, of any desired shape to fit the leg of the chair, and the under side of the chair-bottom or seat, to both of which they are firmly secured by the screws B.

If the chair-legs are round, as is frequently the case, and as is shown in fig. 2, the brackets or braces are made with one concave or circular flange to fit, and if the chair-legs have square corners, as is shown in fig. 3, the brackets are made with corners to fit them.

The flanges of the brackets that are fastened to the chair-seat are sufficiently wide, and of a proper shape to receive a screw-fastening on each side of the joint in the corner of the frame. In this way the chair-legs are firmly secured to the chair-seat, and the joints at the corners of the seat-frame are strengthened and made durable.

I am aware that brackets have been constructed of iron and other material, and have been applied to strengthen the connection of the legs to the seat of a chair, and I therefore do not broadly claim such method of strengthening a chair.

Having fully described the construction and operation of my invention,

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

The combination of the bracket A, when so constructed as to clasp and fasten to the leg of the chair by a partially-surrounding flange, with the chair-seat and leg, substantially as and for the purpose specified and shown.

HARRY H. EVERTS.

Witnesses:

LEWIS L. COBURN,  
HEINR. BRUNS.