

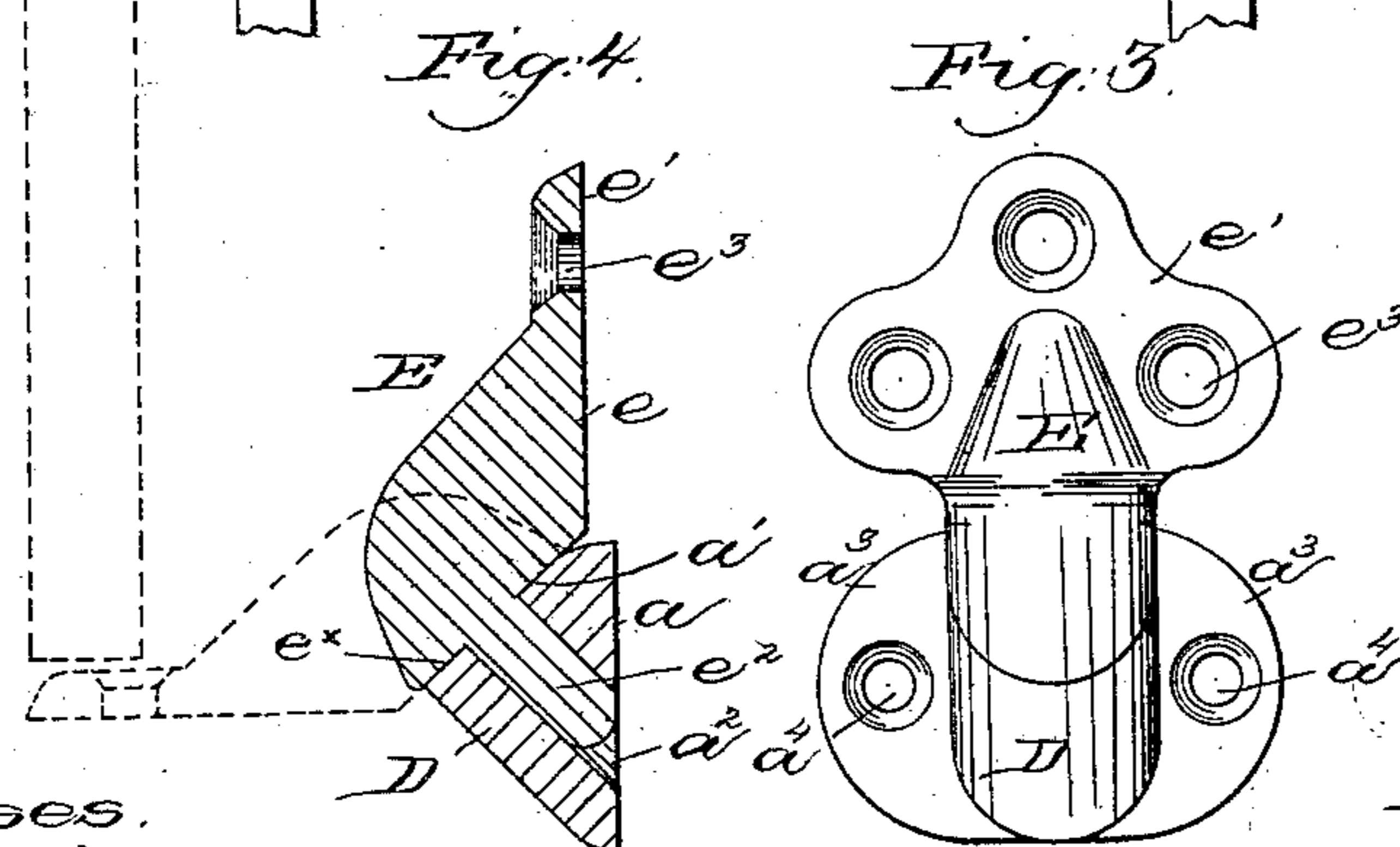
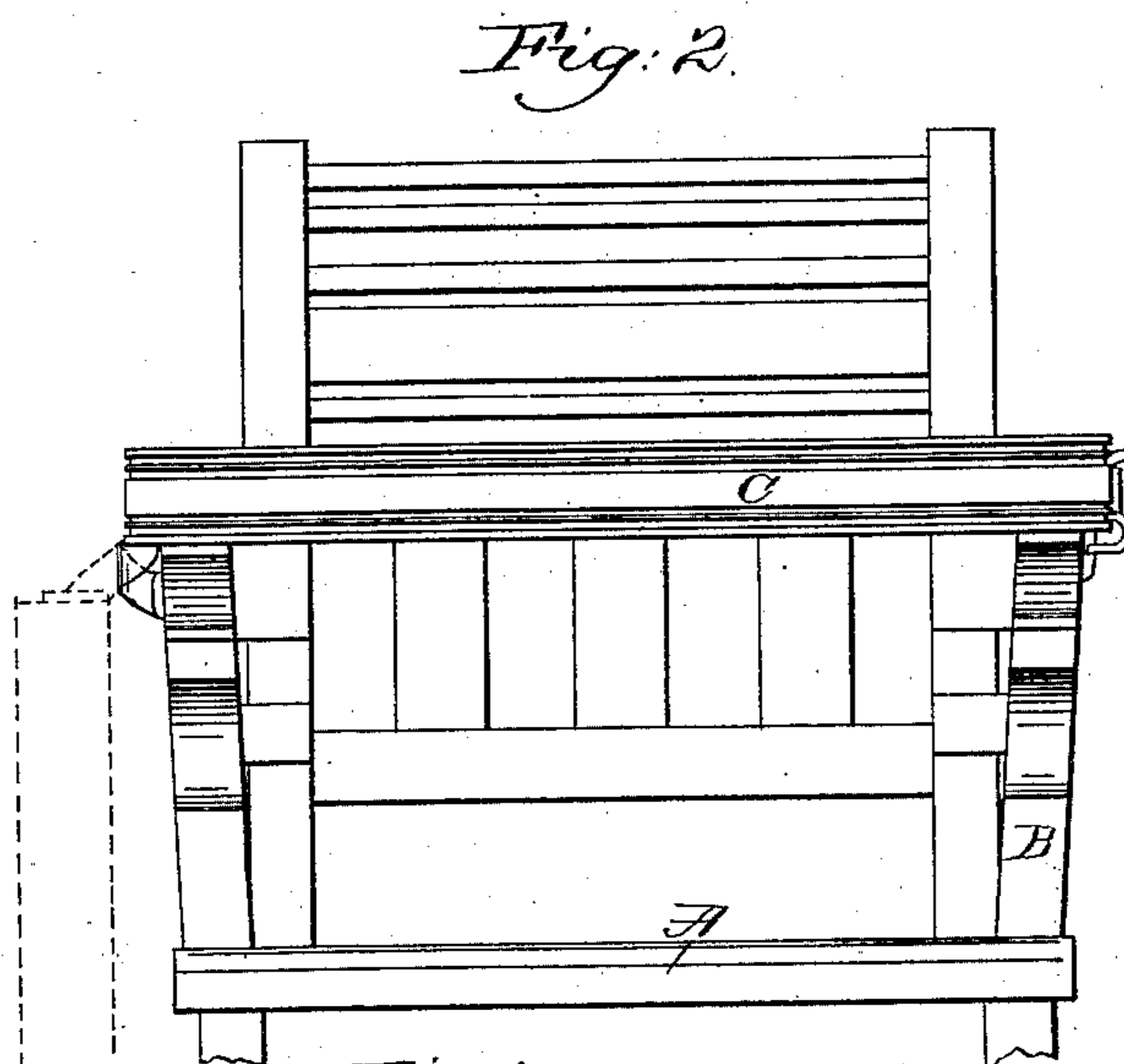
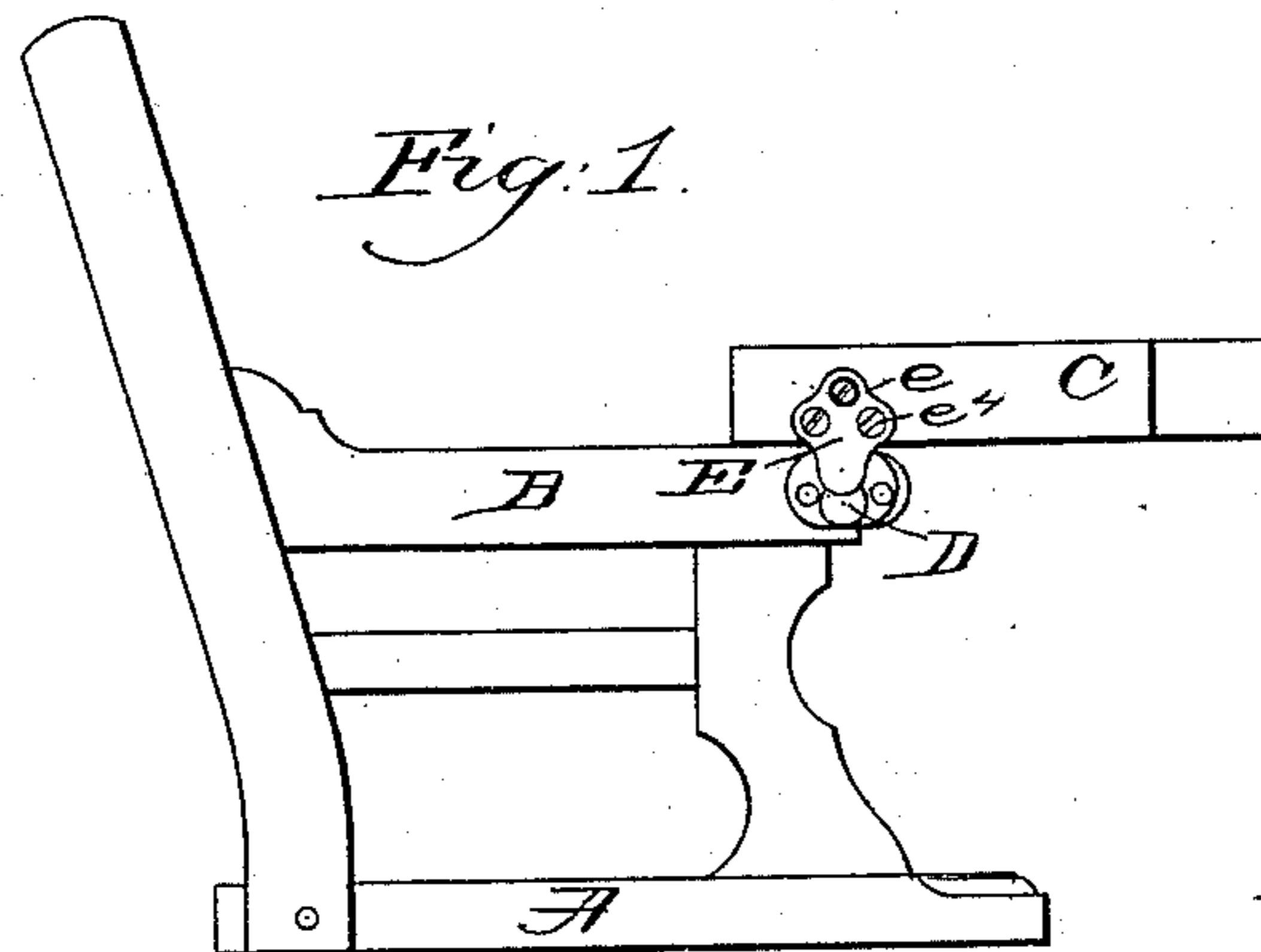
(No Model.)

F. F. PARKER.

HINGE.

No. 327,192.

Patented Sept. 29, 1885.



Witnesses.
Fred L. Carney.
John F. C. Printz.

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UNITED STATES PATENT OFFICE.

FRANK F. PARKER, OF GARDNER, MASSACHUSETTS, ASSIGNOR TO
PHILANDER DERBY & CO., OF SAME PLACE.

HINGE.

SPECIFICATION forming part of Letters Patent No. 327,192, dated September 29, 1885.

Application filed July 6, 1885. (No model.)

To all whom it may concern:

Be it known that I, FRANK F. PARKER, of Gardner, county of Worcester, State of Massachusetts, have invented an Improvement in
5 Hinges or Joints for Children's Chairs, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

10 This invention has for its object to construct a hinge or joint, especially applicable to a child's chair, to connect the table with the usual arms of a chair, so that the table, when turned aside out of horizontal position, will be
15 compelled to occupy a substantially vertical position close to the side of the seat-arm.

My improved hinge is composed, essentially, of a socket-piece having a downwardly-inclined face, and a pintle-receiving opening or
20 hole at right angles to the said face, and of a pintle-carrying block, also having a downwardly-inclined face, and a pintle to enter the opening in the said socket-piece, as will be hereinafter described, the base of the pintle-
25 carrying block, when applied to a chair, to connect the arms and table, standing in vertical position while the table is in a horizontal position and at right angles thereto, or in a horizontal position after the table is turned aside
30 or while it hangs in vertical position.

Figure 1 in side elevation represents my improved hinge or joint applied to a child's chair. Fig. 2 is an enlarged front elevation of Fig. 1, the dotted lines showing the table
35 swung aside and hanging down. Fig. 3 in elevation shows the hinge or joint detached and on a larger scale; and Fig. 4, a vertical section of Fig. 3, the dotted lines showing the pintle-carrying block turned from its vertical
40 into its horizontal position.

My invention is herein shown as applied to a child's chair, in which the seat A, its side arms, B, and table C are and may be of any usual or suitable construction.

The socket-piece D of the joint or hinge has 45 a base, a , a face, a' , at an acute angle to the said base, and an opening, a^2 , at right angles to the said face. The socket-piece D also has projections a^3 , provided with holes a^4 , to receive
50 screws by which to attach the said socket-piece to one of the side arms of a chair, the base a then occupying substantially a vertical position.

The pintle-carrying block E of the hinge has 55 a base, e , a face, e^x , to rest against a diagonally-extended pintle, e^2 , to enter the opening a^2 in the said socket-piece, ears e' , having holes e^3 , being provided to receive screws by which to secure the pintle-carrying block to the table.
60

When the joint is applied to a chair and the table C is in a horizontal position, the bases e and a will be substantially parallel, as in full lines in Figs. 1, 2, and 4; but when the table is turned off from the arms B of the seat the
65 diagonal pintle and inclined faces a' and e^x , then in contact, will cause the table to descend in a curve or rotate upon the inclined face, with the pintle as the axis, until it hangs in vertical position, as shown by dotted lines in
70 Fig. 2, the pintle-carrying block E then occupying the dotted-line position in Fig. 4.

I claim—

The herein-described hinge or joint, consisting of the socket-piece D, provided with the
75 inclined face a' , having a pintle-receiving opening, a^2 , and the pintle-carrying block E, having a face, e^x , and a pintle, e^2 , all constructed and to operate substantially as described.
80

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANK F. PARKER.

Witnesses:

J. WALTER DAVIS,
JAMES A. STILES.