

(No Model.)

H. H. ELBREG.
SUPPORT FOR LEG RESTS IN CHAIRS.

No. 440,610.

Patented Nov. 11, 1890.

Fig. 3.

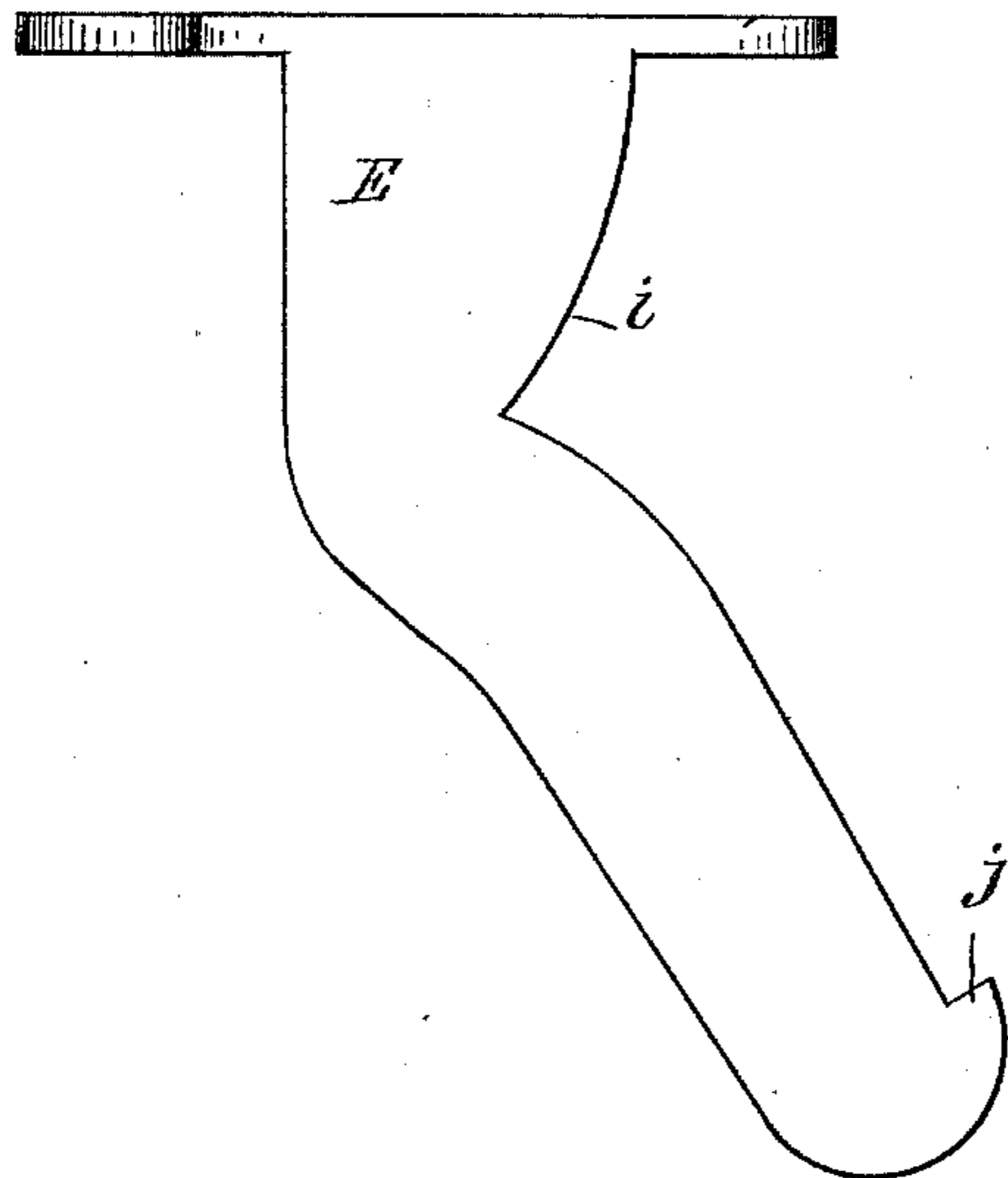


Fig. 1

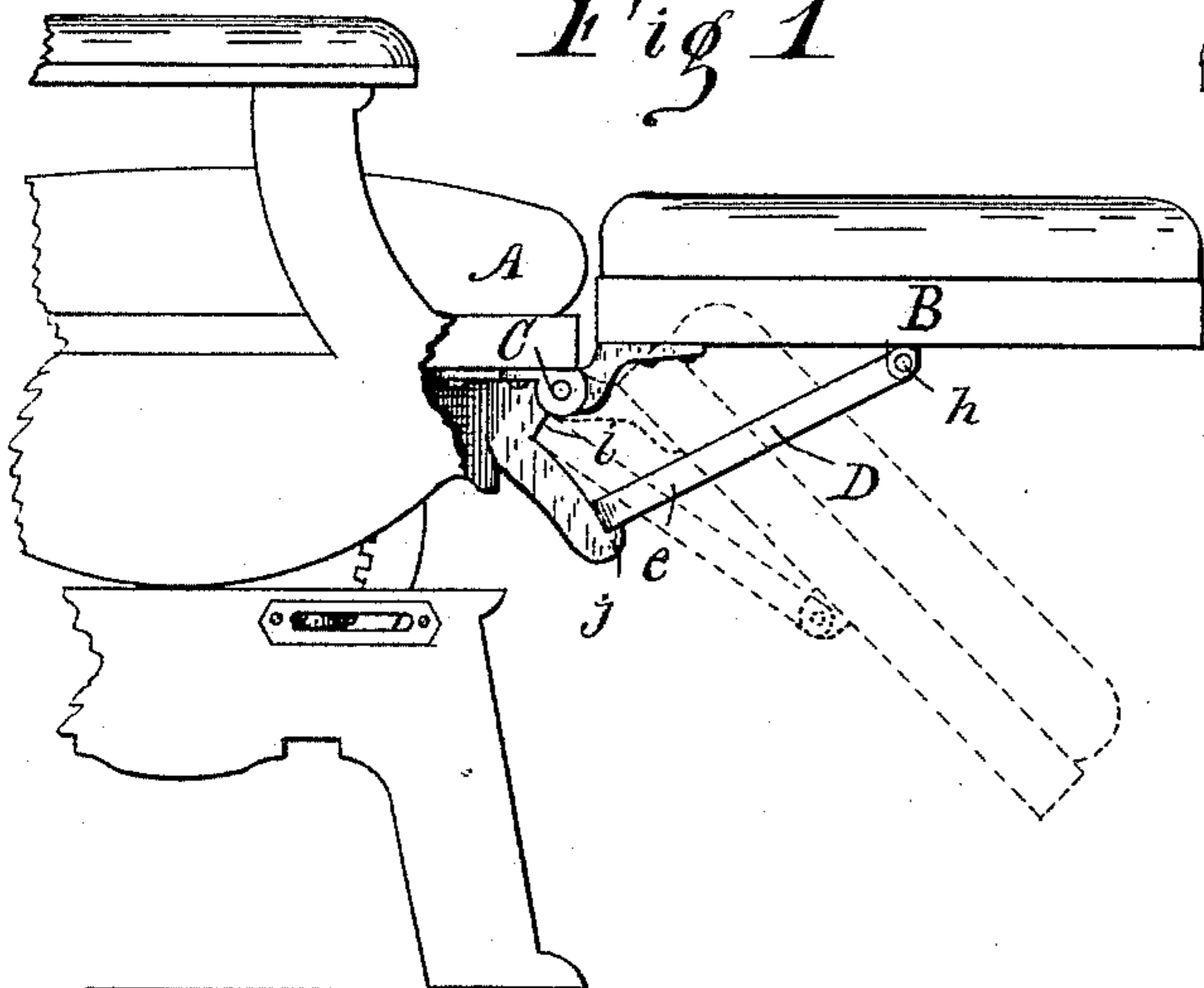
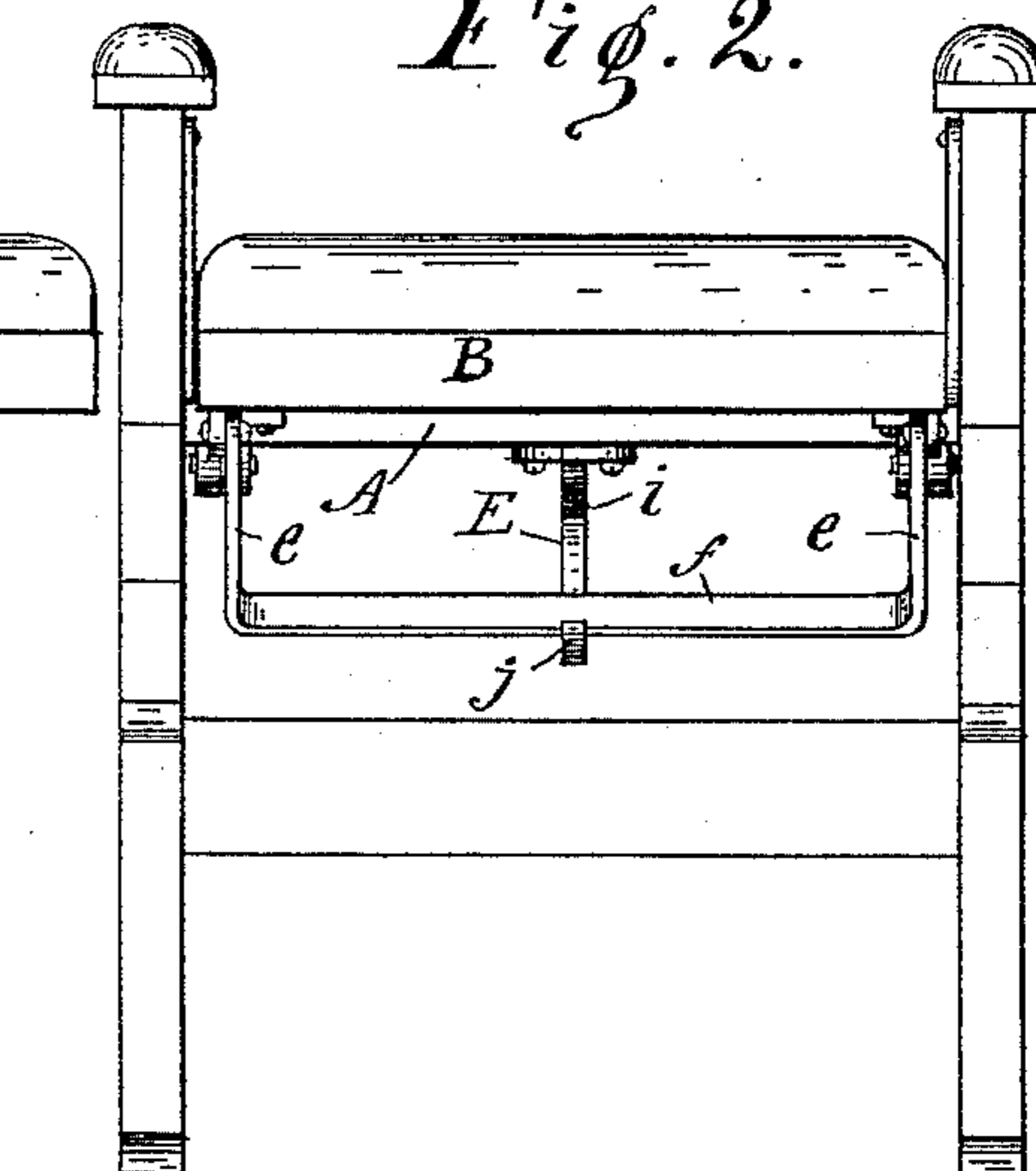


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

HENRY H. ELBREG, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO MINER & ELBREG, OF SAME PLACE.

SUPPORT FOR LEG-RESTS IN CHAIRS.

SPECIFICATION forming part of Letters Patent No. 440,610, dated November 11, 1890.

Application filed December 17, 1888. Serial No. 293,854. (No model.)

To all whom it may concern:

Be it known that I, HENRY H. ELBREG, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented a new and useful Improvement in Supports for Leg-RESTS in Chairs, of which the following is a specification.

My invention relates to an improved means for supporting the leg-rests in chairs.

The object of my improvement is to provide means for supporting the leg-rest of a chair, which may be cheaply made and easily operated from either side of the chair, and which will firmly support the leg-rest in different positions relatively to the seat of the chair, as hereinafter fully described.

The accompanying drawings illustrate my invention as applied to a surgeon's operating-chair.

Figure 1 represents a side elevation of a portion of the chair, showing the support in position. Fig. 2 represents a front elevation of the same. Fig. 3 represents a side elevation, on a larger scale, of the bracket, which is secured to the chair.

My improvement consists, essentially, of a peculiarly-shaped bracket, which is rigidly secured to the seat of the chair, and a swinging bail, which is pivoted to the leg-rest.

A is the chair-seat.

B is the leg-rest, which is hinged to the front edge of the seat at C.

D is the bail, which consists of a flat metallic bar bent substantially at right angles to form two arms *e e*, connected by a cross-bar *f*. The ends of arms *e* are pivoted to the under side of the leg-rest about midway of its length on each side, as at *h*, so as to project backward and to swing thereon.

E is a peculiarly-shaped bracket adapted to be rigidly secured by screws through its foot to the under side of the seat near the front edge, so as to project downward and forward therefrom and to operate in connection with the bail D to support the seat either parallel or at an angle of about forty-five degrees with the seat. The front edge of bracket E, immediately below the seat, forms a right-angled notch *i*, inclined at an angle of about forty-five degrees with the

foot of the bracket and then extending downward and forward to a stop *j*, without intervening notches or teeth. The relation of the bracket E to the seat and bail D is such that when the leg-rest B is extended parallel with the seat the free end of the bail rests squarely against the front edge of the bracket at the lower end, and the seat is thereby locked in position, the bail being prevented from falling farther by the stop *j*. The front edge of the bracket between stop *j* and notch *i* forms a tangent to the curve described by the free end of the bail in swinging upward, so that when the bail has been raised a short distance the downward movement of the seat causes the bail to slide along the edge of the bracket, and the bail is thereby folded upward until it rests in notch *i* with an upward pressure, and the rest is thereby held at an angle of forty-five degrees with the seat, as shown in dotted lines. On pulling the end of the bail forward out of notch *i* the rest falls into a vertical position, and the bail moving upward along the front edge of the bracket is folded up against the back of the leg-rest.

I am aware that a bail or pawl pivoted to the leg-rest and engaging with its free end a series of ratchet-teeth formed on a bracket suspended from the seat has before been used, and I do not claim, broadly, such a construction.

For greater security it is preferable to use two of the brackets E, one being placed near each edge of the chair-seat. This, however, is unnecessary if the bail is made sufficiently stiff, in which case one bracket is placed near the center of the front edge of the seat, as shown.

I claim as my invention—

The combination, with the chair-seat, of the leg-rest hinged thereto, the bail D, hinged or pivoted to said leg-rest, and the bracket E, secured to the chair-seat, having a downwardly and forwardly projecting portion, as described, and having a notch *i* and stop *j*, all relatively arranged substantially as and for the purpose set forth.

HENRY H. ELBREG.

Witnesses:

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