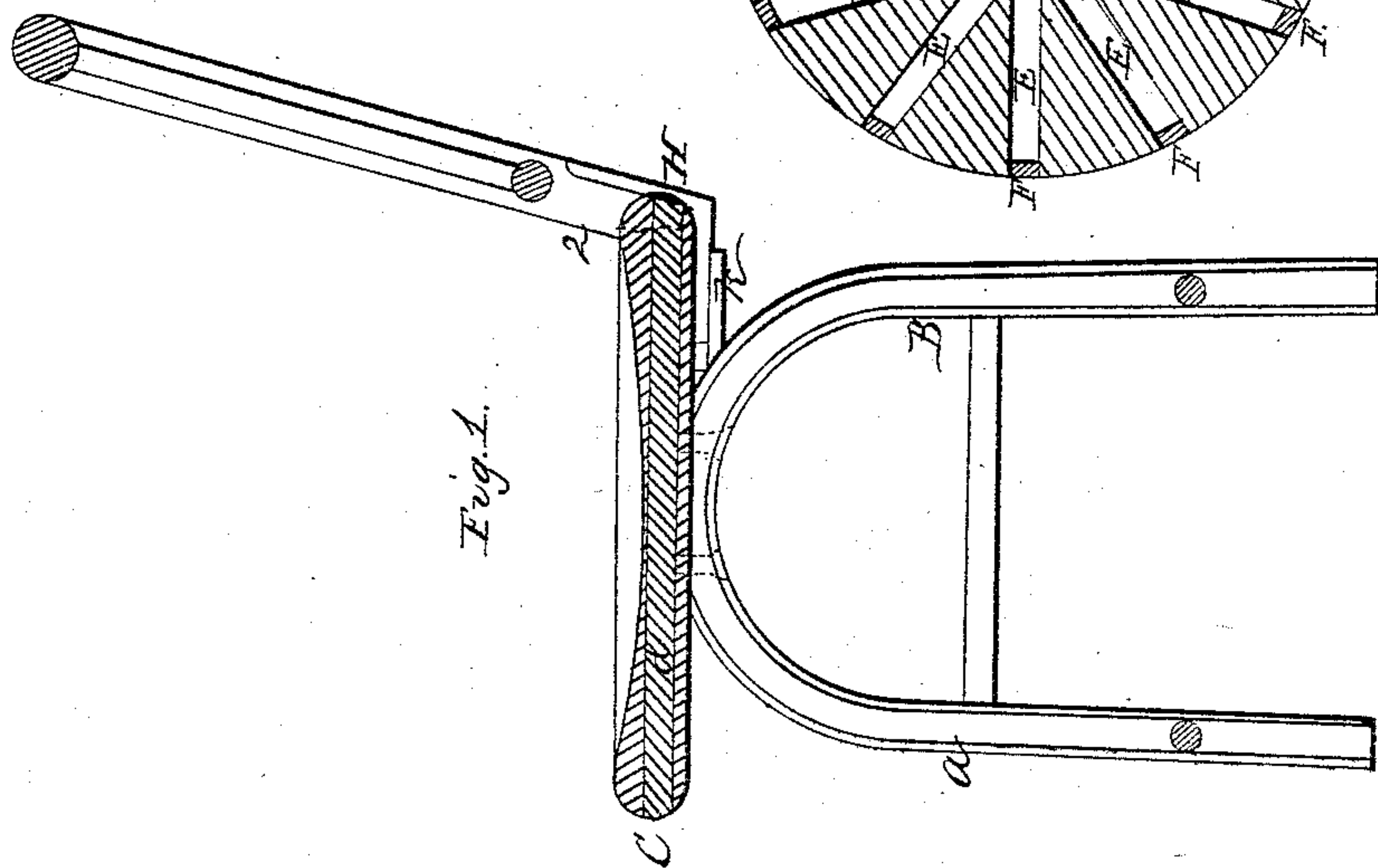
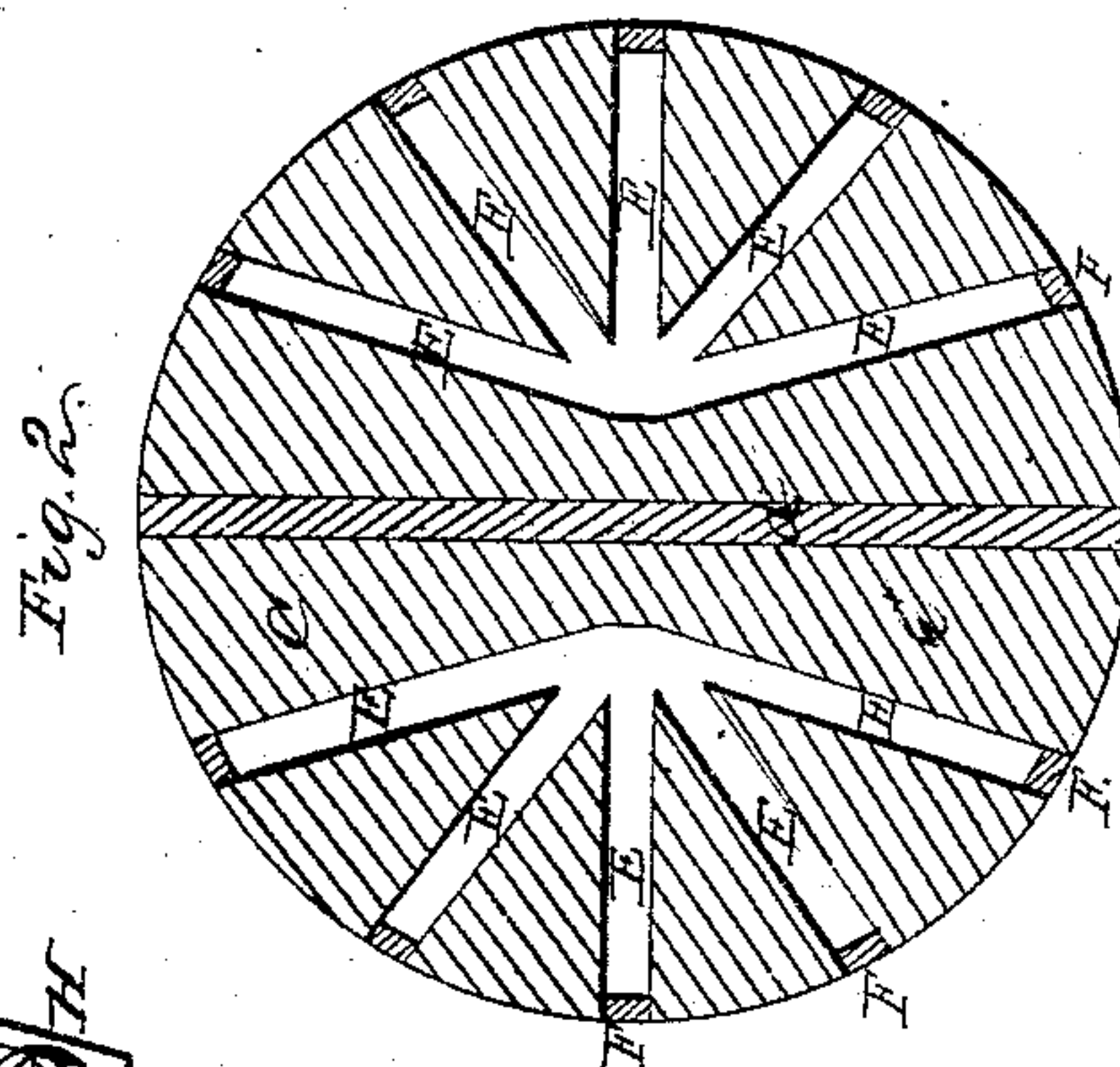
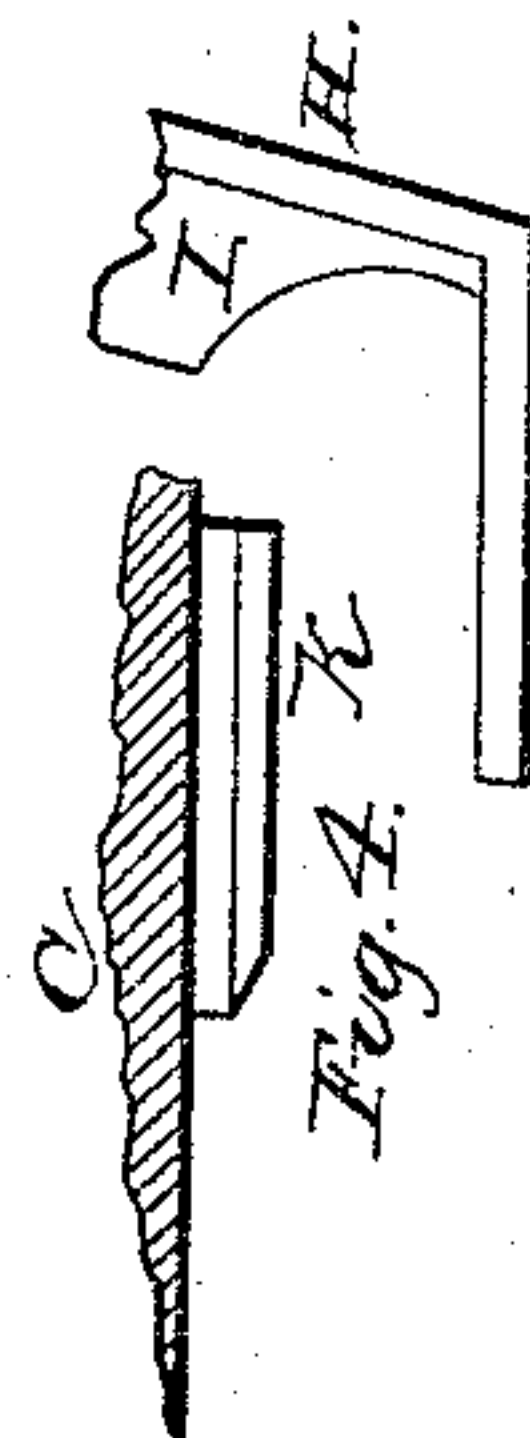
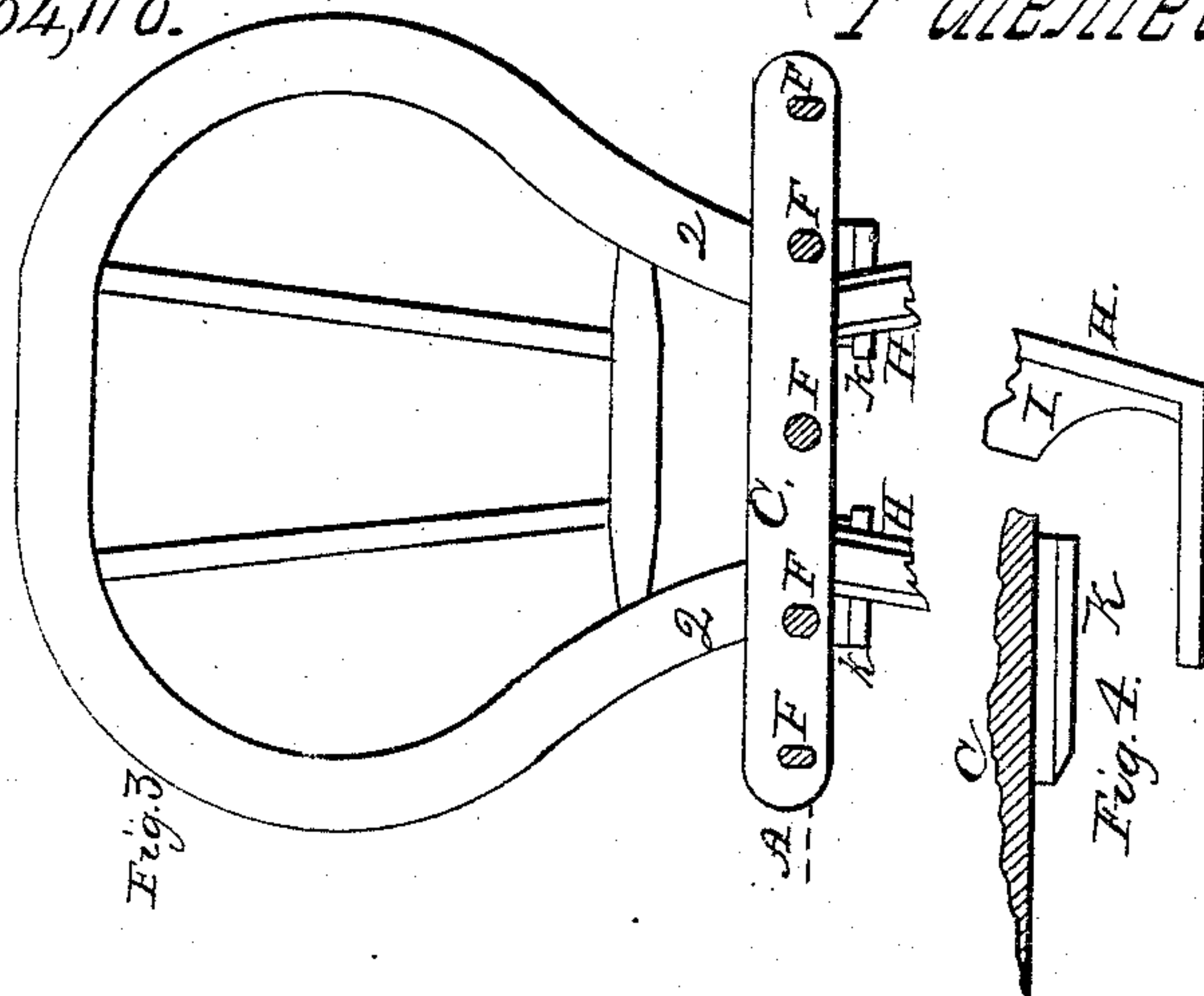


D. B. Hedden,

Chair.

N^o 84,118.

Patented Nov. 17, 1868.



Witnesses:
Harold Harris
G. J. Colburn.

Inventor:
Daniel B. Hedden.



DAVID B. HEDDEN, OF NEWARK, NEW JERSEY.

Letters Patent No. 84,118, dated November 17, 1868; antedated November 5, 1868.

IMPROVED 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, DAVID B. HEDDEN, of Newark, in the county of Essex, and State of New Jersey, have invented a new and improved Mode of Constructing a Chair or Stool; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The principal part of my invention consists in the mode of preparing the seat C; first, by means of one or more pins *d*, running across the grain of and through the seat, for the purpose of giving additional strength to the same. Besides this, holes E are bored into the seat from the edge, for the purpose of reducing the weight of the seat. The holes are closed at the outer end by plugs F.

It is also contemplated making the wood of the seat air-tight, and then the holes will be filled with compressed air, to give additional lightness to the seat. They are particularly designed to be used on board of boats, where their extra buoyancy will enable them to be used as a float in the place of a life-preserver, should any such need occur. This provides a light and very desirable arrangement of a chair, and at the same time adapts it to use as a life-preserver.

My invention consists, further, in the mode of constructing and attaching the legs A B to the seat. They are made of one piece of wood, bent into the desired

form. The wood is levelled off on the top, and screwed or otherwise secured to the seat, so that the grain of the wood forming the legs runs crosswise of the seat, to assist in keeping it from splitting.

Another part of the invention is the adjustable back G, attached to the under side of the seat. This is done by means of the metal pieces H, made fast to the outer posts I of the back, which pieces are made to slide into grooves K, secured to the bottom of the seat. The metal pieces may be secured to the posts either with a strip riveted to the side of them, or with sockets, into which the ends of the posts are driven. Other devices may be employed in the place of the grooves K, only so that the principle of adjusting the back to the bottom of the seat is retained.

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

1. The seat C, constructed with one or more pins *d*, and the holes E with the plugs F, substantially as and for the purposes set forth.

2. In combination with the said seat, the legs A B, constructed and secured as described.

3. In combination with the said seat, the back G, constructed and secured in the manner described.

DAVID B. HEDDEN.

Witnesses:

HORACE HARRIS,
G. F. J. COLBURN.