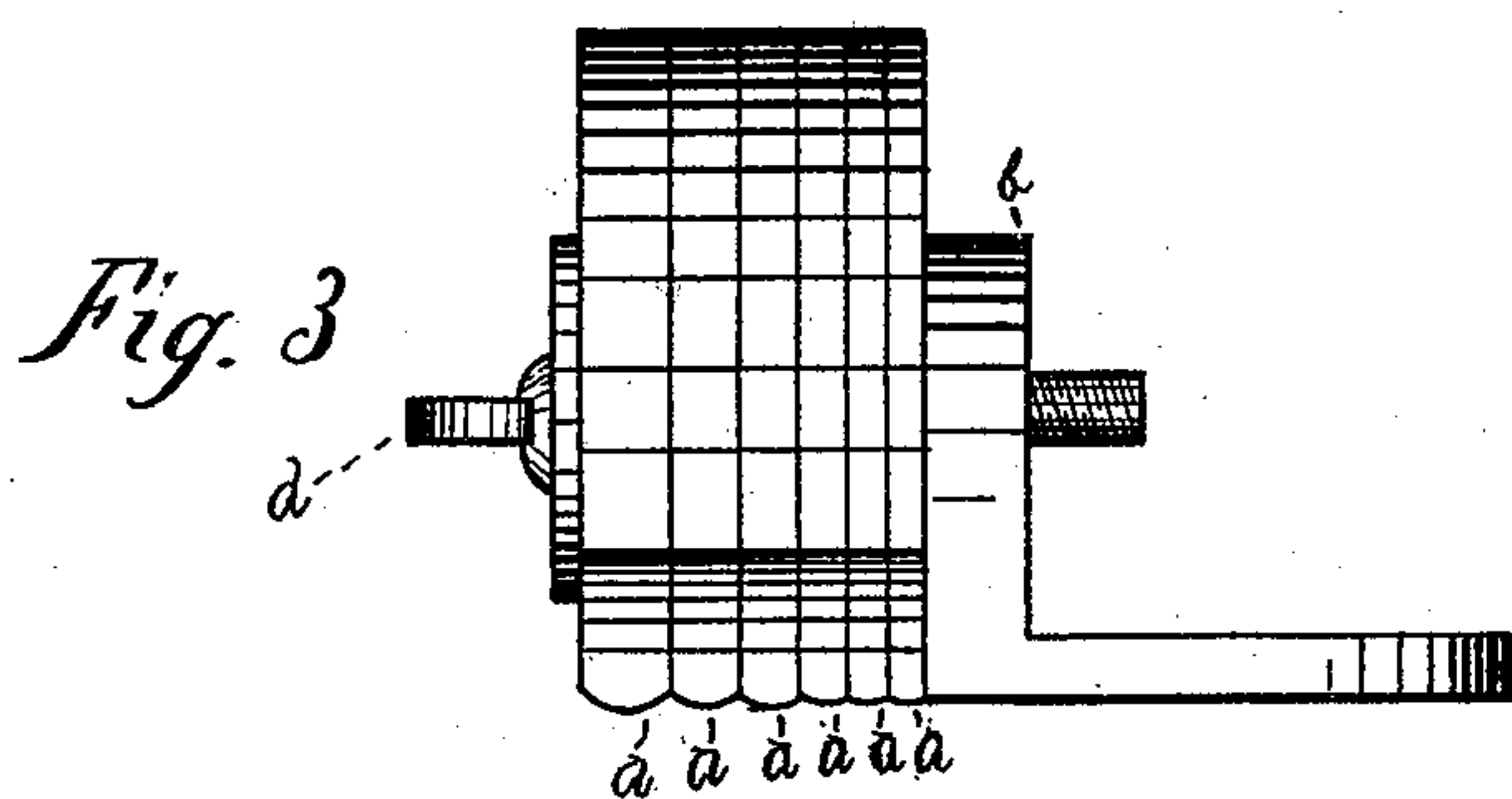
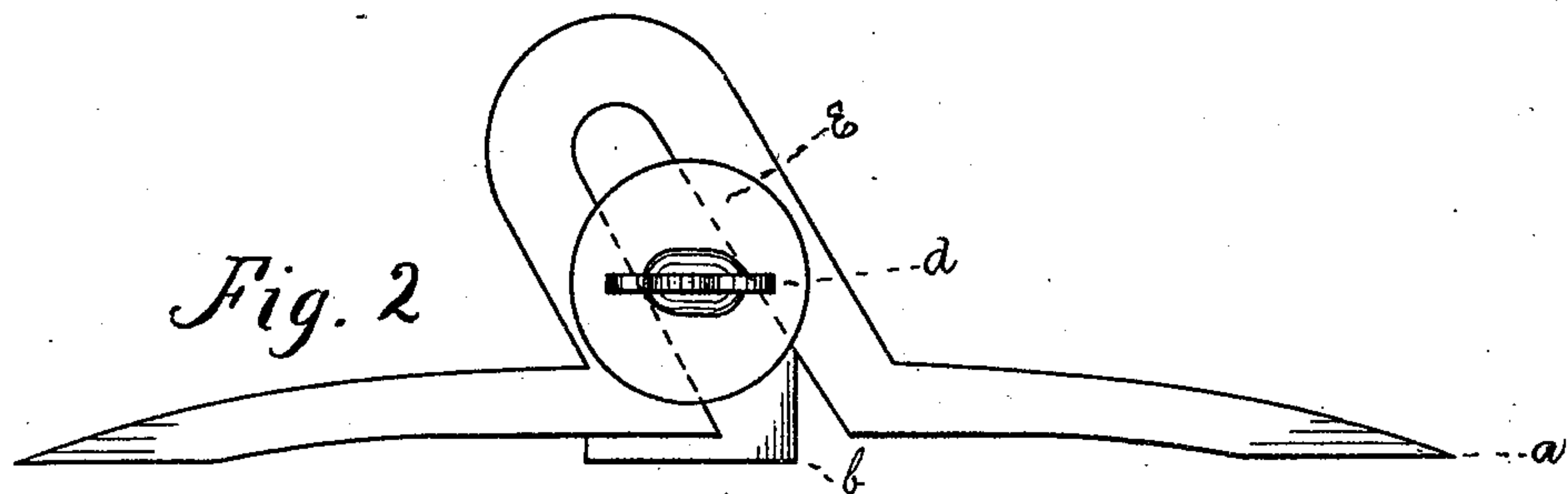
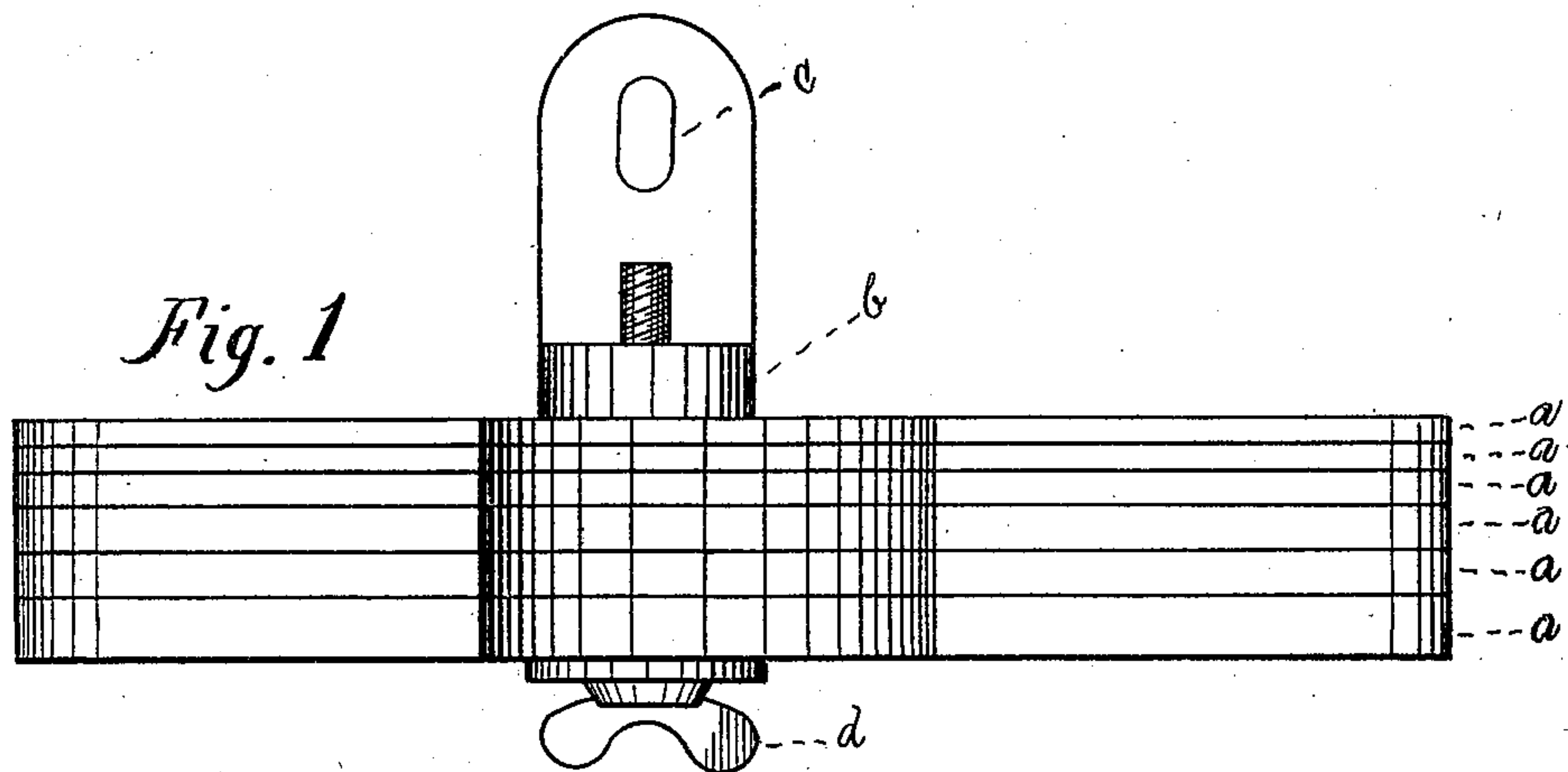


H. BAUER.

PRESSING-BARS FOR MOLDING-MACHINES.

No. 178,712.

Patented June 13, 1876.



Witnesses

Thouvenot A. Shinn

Chas. M. Roberts

Inventor

Henry Bauer

Per C. D. Lewis his attorney

UNITED STATES PATENT OFFICE.

HENRY BAUER, OF BUTLER COUNTY, PENNSYLVANIA.

IMPROVEMENT IN PRESSING-BARS FOR MOLDING-MACHINES.

Specification forming part of Letters Patent No. **178,712**, dated June 13, 1876; application filed April 20, 1876.

To all whom it may concern:

Be it known that I, HENRY BAUER, of Butler county, State of Pennsylvania, have invented a new and useful Improvement in or Attachment to Molding-Machines, which I call "The Universal Self-Adjusting Pressure-bar or Spring for Molding-Machines;" and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification.

Similar letters of reference denote the same parts.

Figure 1 represents a longitudinal top view or plan, exhibiting the pressing-bars *a a a a a*, the stand or base-plate *b*, with slot *c*, for fastening to molder, and thumb-screw *d*, by which the pressing-bars are firmly held in position when in use.

Fig. 2 represents a longitudinal side view of same, exhibiting the shape of the pressing-bars *a*, and the arrangement by which they slide up and down on the thumb-screw *d*, also the manner in which said thumb-screw, in conjunction with the bed-plate *b*, grasps or holds the pressing-bars in place.

Fig. 3 represents an end view of same, show-

ing pressing-bars *a a a a a*, all on a level with thumb-screw *d*, and stand or base-plate *b* in position.

It will be apparent to any person skilled in the mechanism of a mold-planer that by having the pressing-bars of different thickness, and arranged with the arched slot, as exhibited in Fig. 2, as indicated by the dotted lines across the face of thumb-screw plate at *E*, and continuation of the line, as shown in drawing, forming the arch above and opening below, the pressing-bars will accommodate themselves to any desired shape of molding, and may have their relative position changed at pleasure.

Having thus described my invention, what I claim as my invention, and desire Letters Patent therefor, is—

The stand or base-plate *b*, with the thumb-screw *d*, in combination with the automatically-adjustable pressing-bars *a a a a a*, constructed to operate substantially as and for the purpose specified.

HENRY BAUER.

Witnesses:

O. D. LEVIS,

T. A. SHINN.