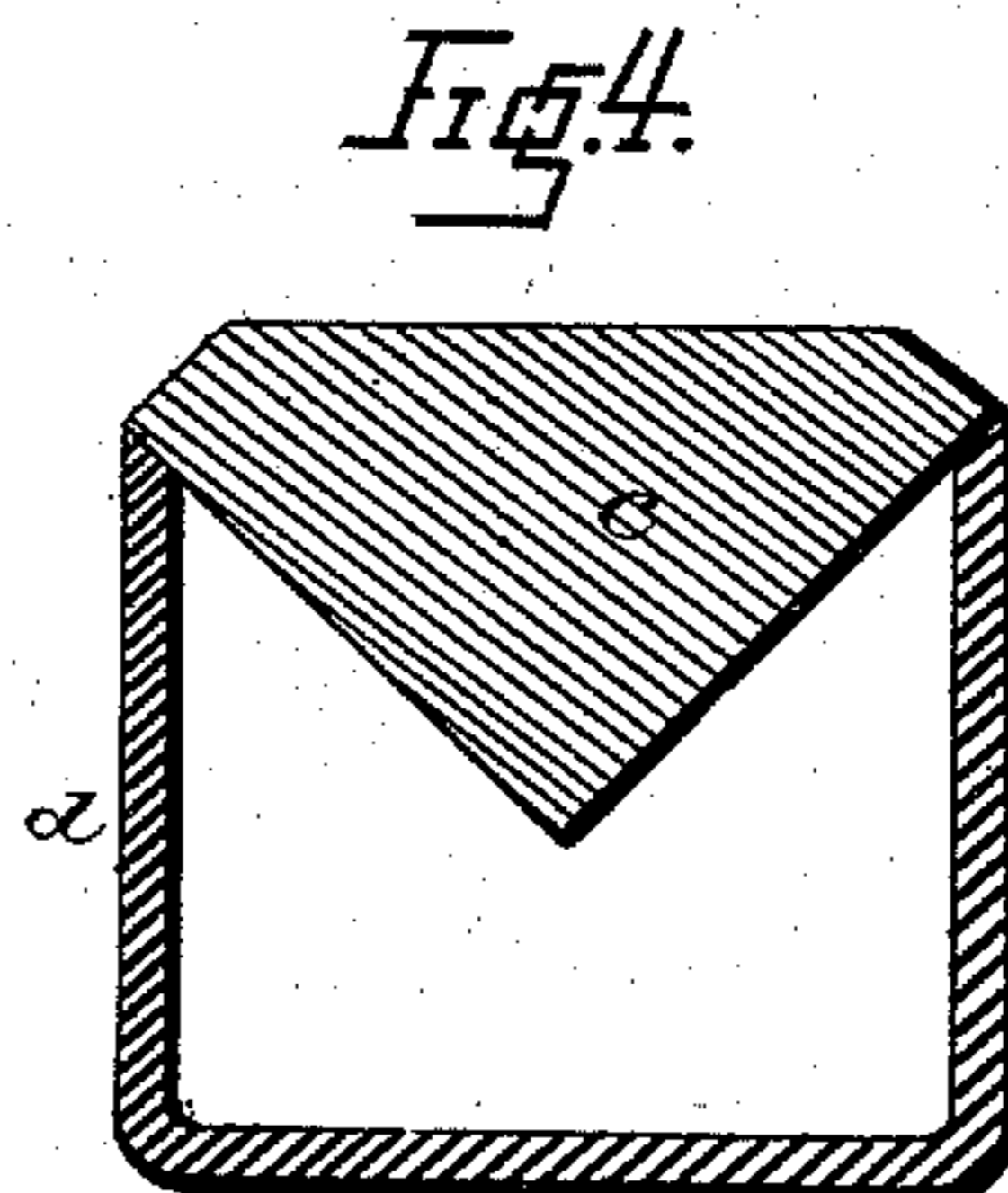
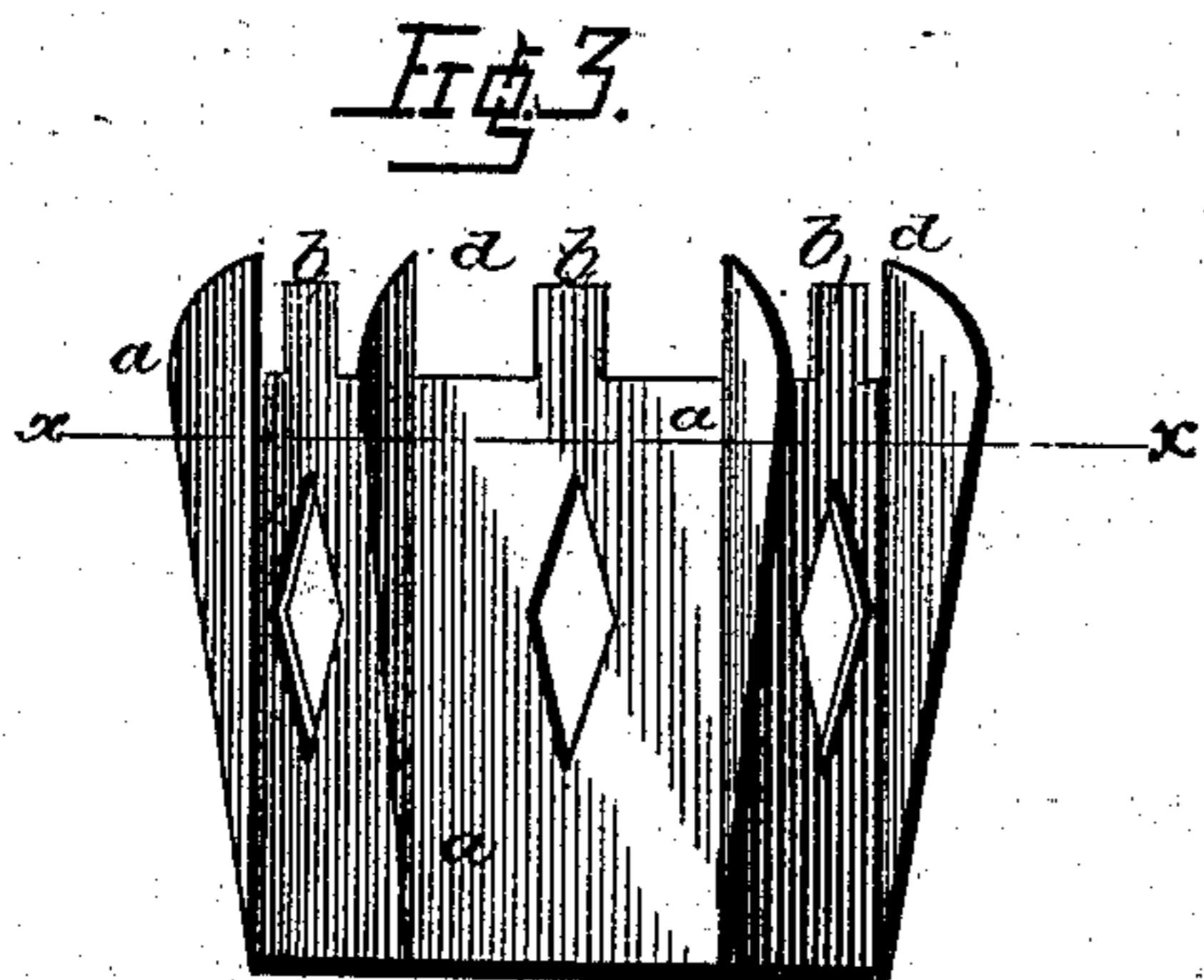
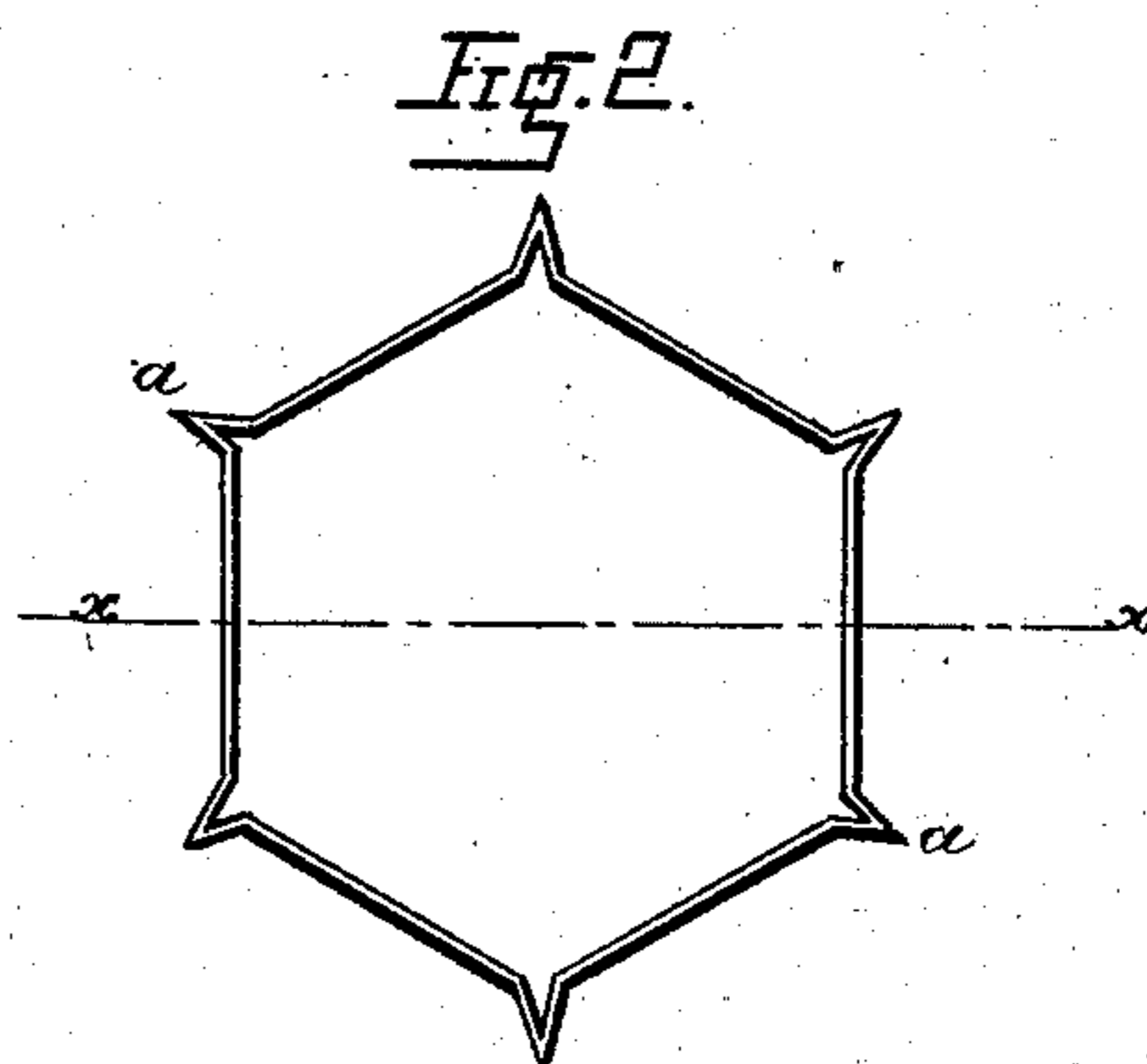
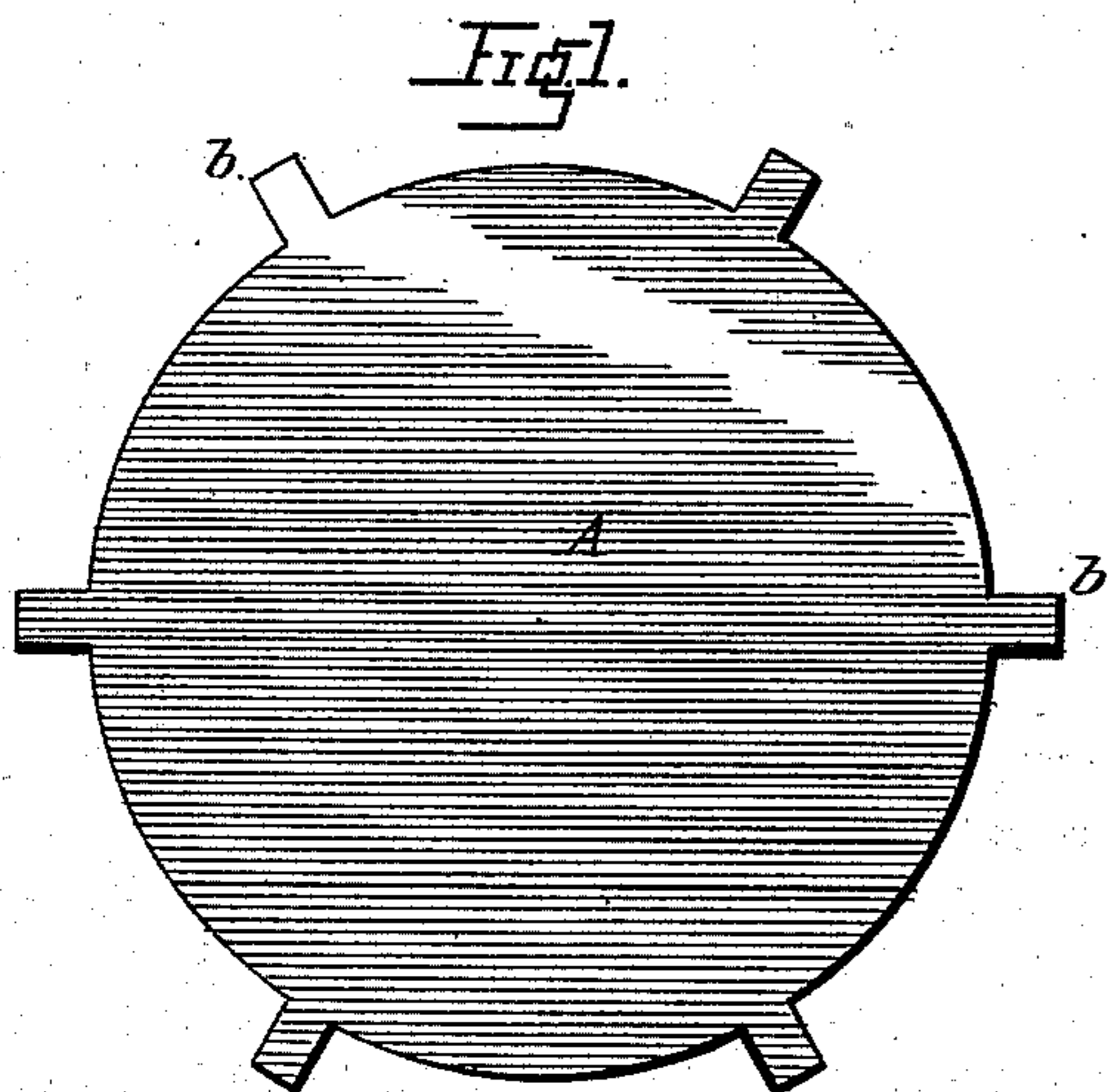


(No Model.)

L. RICHARDS.
JEWELRY MOUNTING.

No. 271,988.

Patented Feb. 6, 1883.



WITNESSES:

Ad. G. Dietrich,
J. G. Hinkel,

INVENTOR.

Levi Richards
by Whipple Hase,
ATTORNEYS.

UNITED STATES PATENT OFFICE.

LEVI RICHARDS, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR TO ROBERT
L. MOORHEAD, OF BROOKLYN, N. Y.

JEWELRY-MOUNTING.

SPECIFICATION forming part of Letters Patent No. 271,988, dated February 6, 1883.

Application filed November 7, 1882. (No model.)

To all whom it may concern:

Be it known that I, LEVI RICHARDS, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a certain Improvement in Jewelry-Mountings, of which the following is a specification.

The object of the said invention is to make jewelry-mountings or stone-settings by striking them up from sheet metal. A thin blank is first cut from the sheet, and when it is swaged into a cup form to support the stone the superfluous metal that would otherwise require to be compressed and extended in the operation of drawing is simply gathered into folds that form the prongs, and are coincident with the points that are subsequently bent over the edge of the stone to retain it in the setting.

To enable others skilled in the art to which it appertains to make and use my invention, I will proceed to describe its construction and operation with reference to the drawings.

Figure 1 is the thin blank A, which is first cut from the sheet metal. Fig. 2 is a sectional view, on the line *x x*, of the finished setting as shown in Fig. 3. Fig. 3 is an elevation of the setting or mounting when fully formed. Fig. 4 is a cross-section of Fig. 2 on the line *x x*, with the stone inserted.

As the edges of the blank A are turned up to form the cup *d* the superfluous metal is formed into the exterior projecting ridges, *a*, that coincide with the points *b*, that are bent over the edges of the stone *c* to retain it in its

proper position when it has been inserted between them and rests upon the upper edges of the cup. By making the mounting of this form it may be readily made from one piece of metal without requiring the power or the exactitude of workmanship that would be necessary to work the metal into the solid cramps that are usually employed. The upper edges of the cup or barrel *d* form a solid bearing for the reception of the stone upon which it is held by the projecting points, and the ridges on the sides of the cup that are in line with the points give it great strength and stiffness, and present the appearance of a regular-made setting that has been cast or otherwise worked from solid metal. It may be ornamented by perforations or raised work cheaply formed, also by dies, and a comparatively inexpensive alloy may be used and worked without annealing and with but little manual labor for finishing the work.

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

A gem-setting formed from a single piece of stock, A, swaged into a barrel, *d*, having projecting ridges *a* on its outside and the points or cramps *b* on its edges, the barrel forming a bearing for the setting *c*, which is adapted to be held in place by the points or cramps, substantially as set forth.

LEVI RICHARDS.

Witnesses:

DANIEL W. FINK,
E. L. LOGEL.