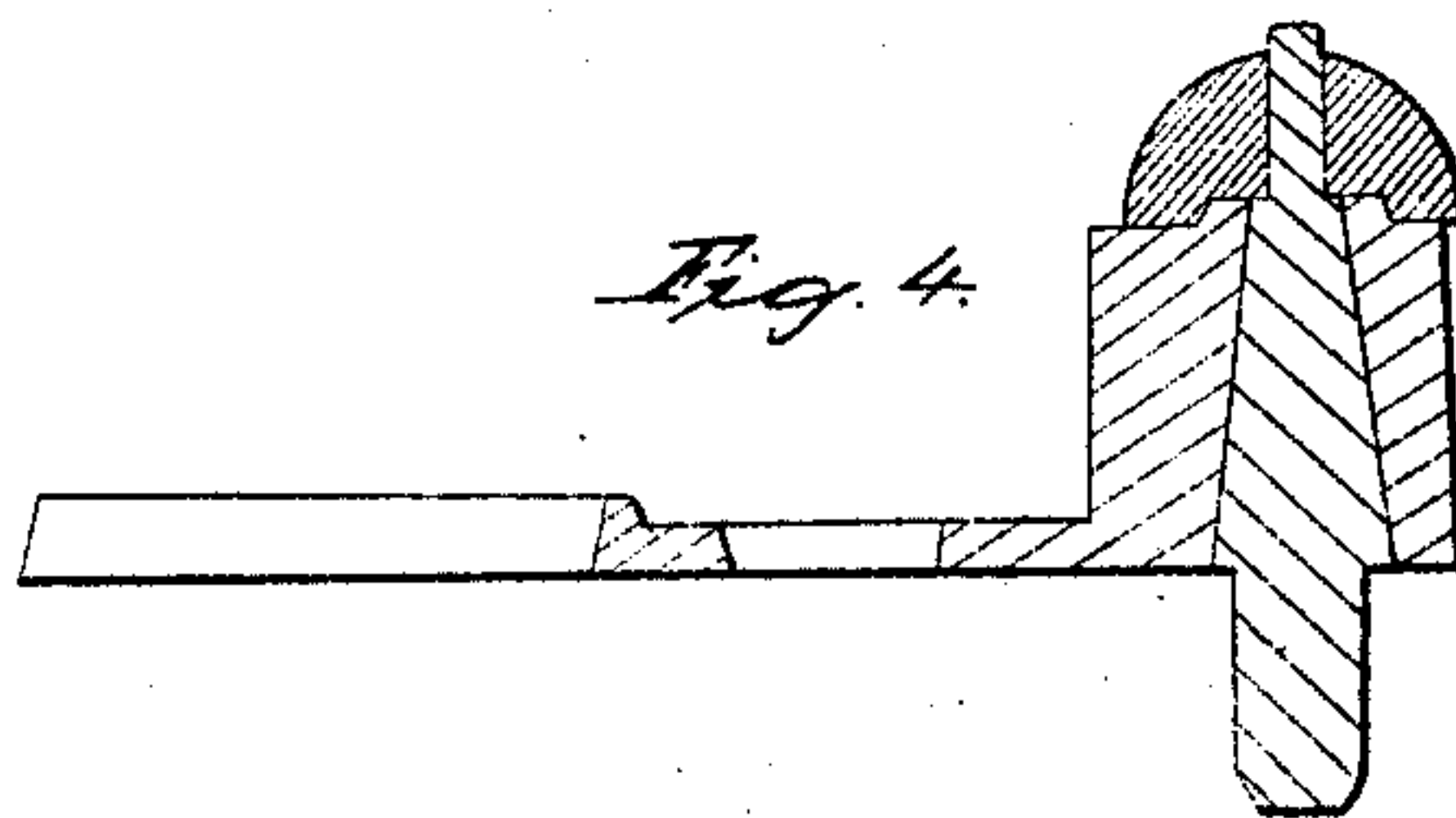
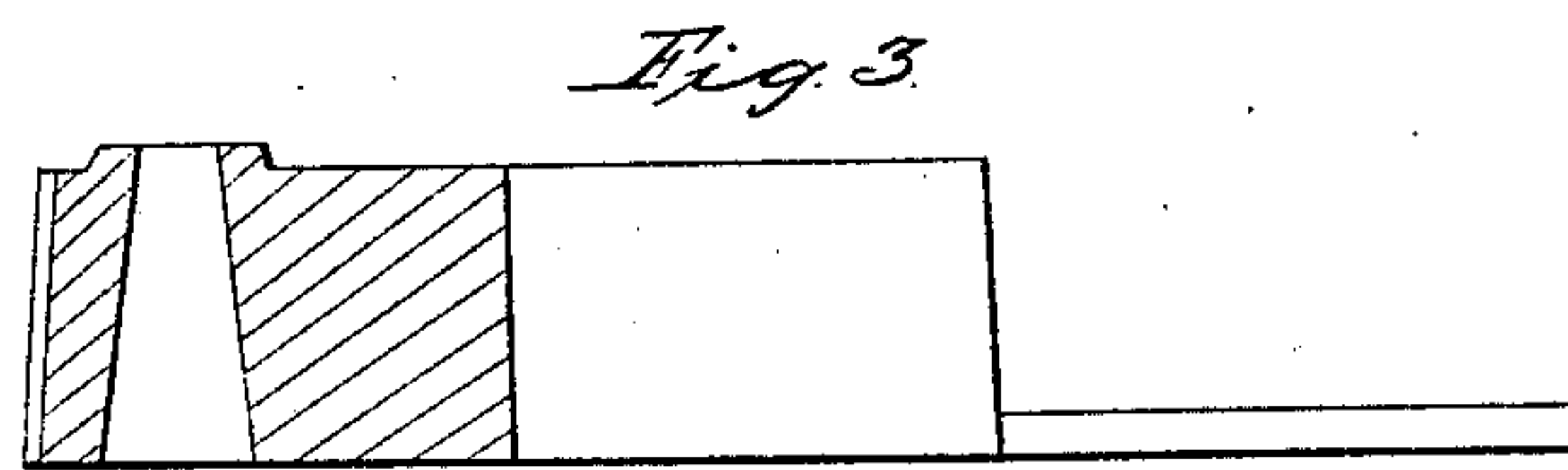
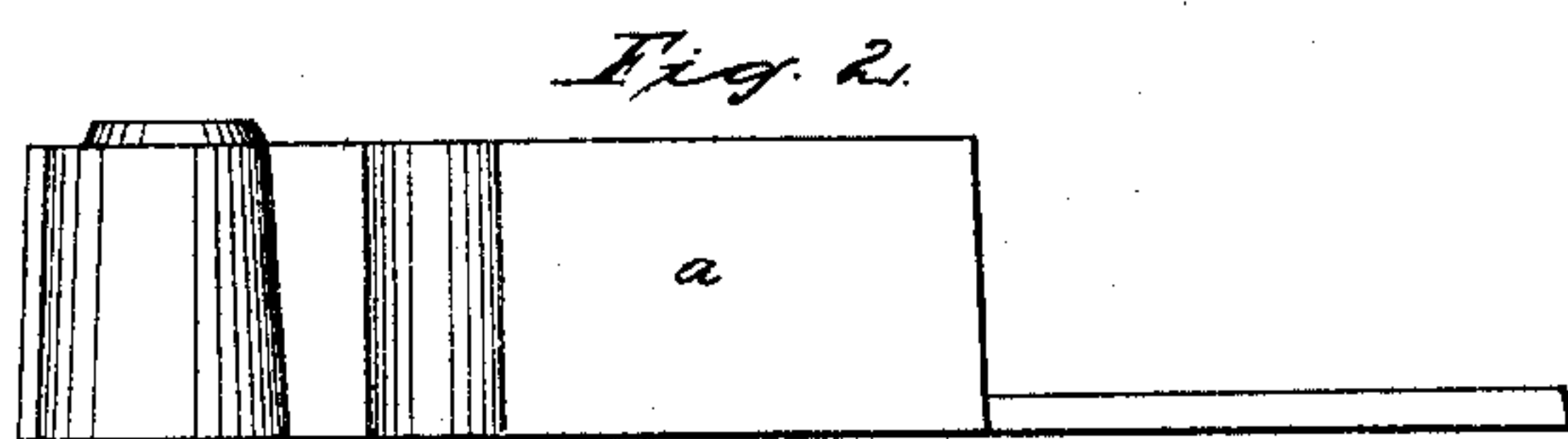
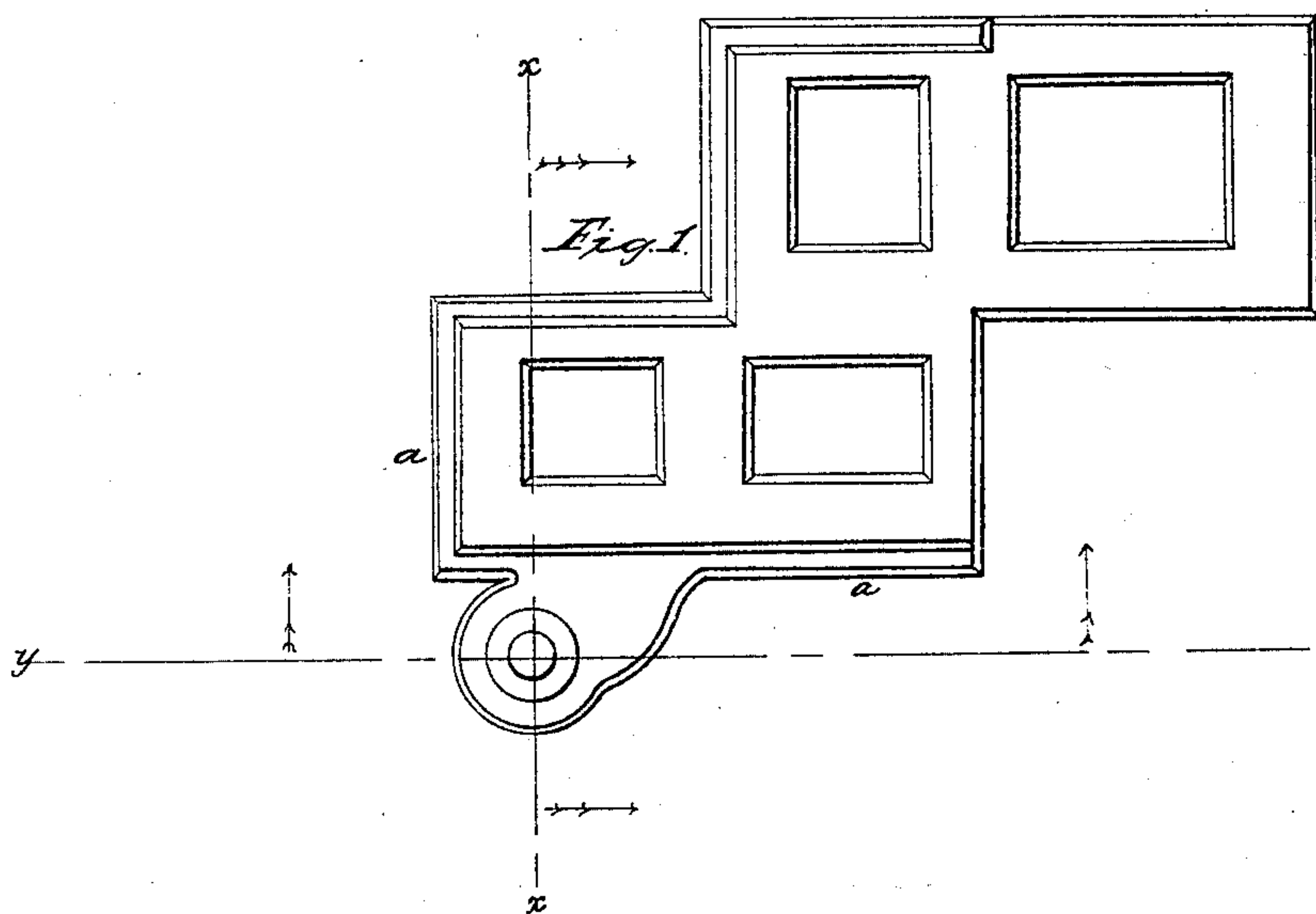


J. B. Cornell,

Hinge.

N^o 19,076.

Patented Jan. 12, 1858.



UNITED STATES PATENT OFFICE.

JOHN B. CORNELL, OF NEW YORK, N. Y.

HINGE-EYE FOR SHUTTERS.

Specification of Letters Patent No. 19,076, dated January 12, 1858.

To all whom it may concern:

Be it known that I, JOHN B. CORNELL, of the city, county, and State of New York, have invented a new Manufacture in the
5 Shape of an Improved Hinge-Eye Which is Designed to Form the Anchored Portion of a Shutter-Hinge; and I do hereby declare that the following is a full and exact description thereof, reference being had to the
10 accompanying drawings, making a part of this specification.

Figure 1, is a top-view of my improved hinge-eye; Fig. 2, a side view of the same; Fig. 3, a vertical section in the line y, y , of
15 Fig. 1; and Fig. 4, a section in the line x, x , of Fig. 1, representing the form of the cap and spindle which are combined with the mold for the purpose of chill-hardening the top and interior portion of the eye-hole of
20 said hinge-eye.

My invention consists in producing a hinge-eye, for the reception of the pivot-portion of the shutter-hinge, which possesses two valuable improvements, viz:—First.
25 The said hinge-eye is supplied with a wing, which enables it to be built into a wall; and second, the inner periphery and the upper face of the eye-hole is chill-hardened during the process of casting, which gives very
30 great durability to the said hinge-eye. This is a matter of great importance, as the said hinge-eye cannot be removed from its place, after it has been built into a wall, without

cutting out and defacing a portion of said wall.

I am aware that hinge-pivots have been
35 cast into the winged-portions of shutter-hinges; and I am also aware that the said pivots frequently work loose and drop out of their places, when it is very difficult, if not
40 impossible to replace them.

I do not claim to be the inventor of the skeleton-wing which forms a portion of my improved hinge-eye, nor do I abstractly
45 claim the chill-hardening of any portion of said hinge-eye; but—

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

The within described improved hinge-eye; 50 the said hinge-eye consisting of a chill-hardened eye-hole-projection cast in one piece with a wing of suitable shape for its being built into a wall, substantially as herein set
55 forth.

The above specification of my new manufacture in the shape of an improved hinge-eye, which forms the anchored portion of a shutter-hinge, signed and witnessed this 23rd day of November A. D. 1857.

JOHN B. CORNELL.

Witnesses:

A. A. JAYNE,
THOS. CROCKER.