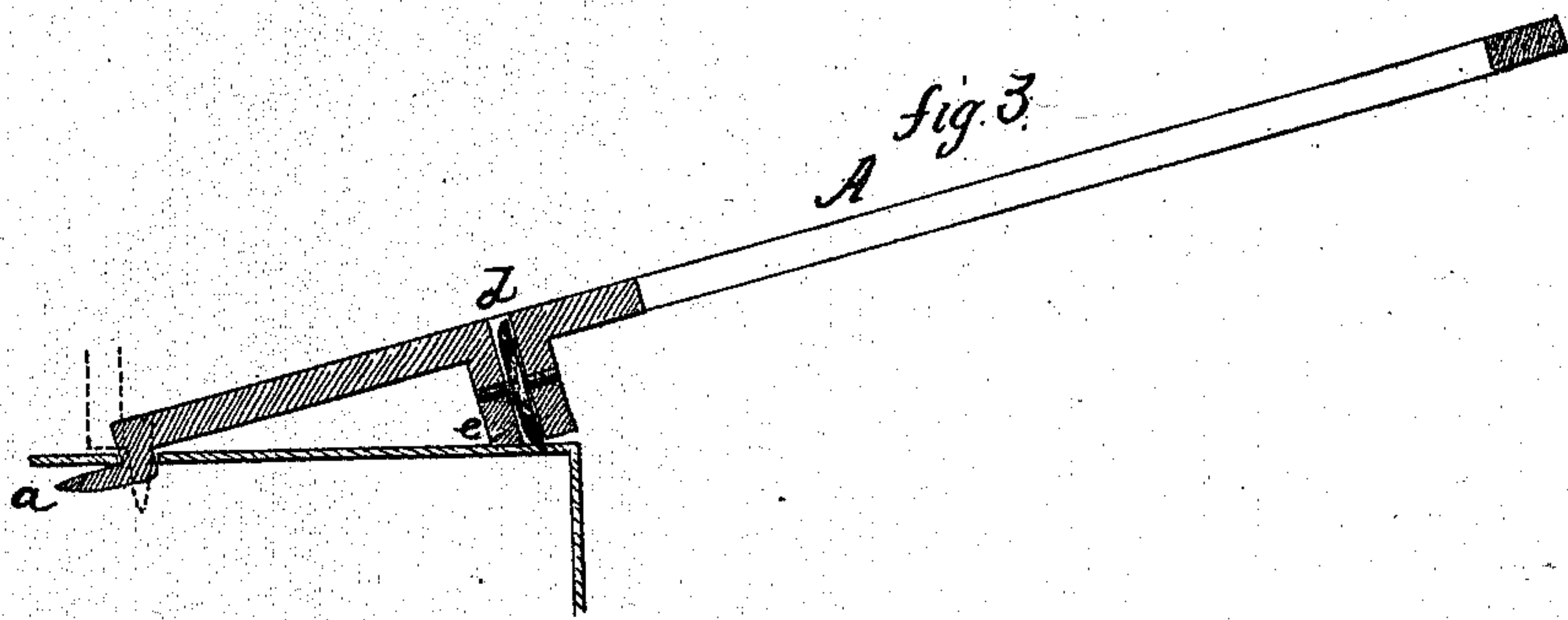
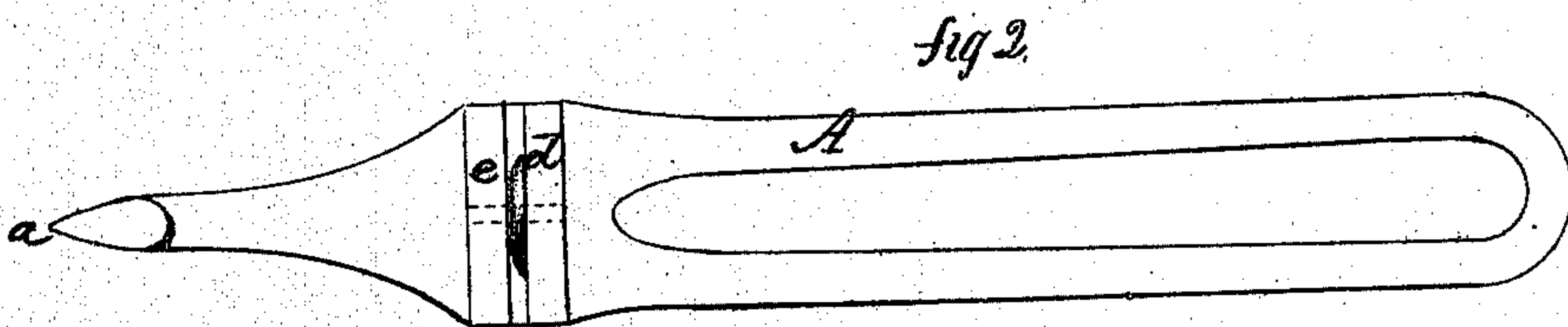
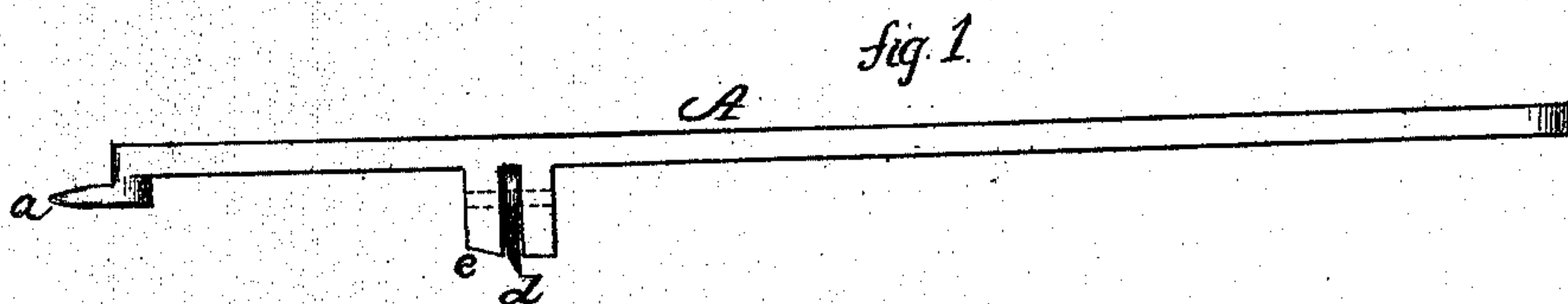


W. W. Lyman,

Can Opener.

No. 105,346.

Patented July 12, 1870.



Witnesses.
J. H. Shumway
A. J. Tibbets

William W. Lyman
Inventor

By his Attorney.

W. E. East

United States Patent Office.

WILLIAM W. LYMAN, OF MERIDEN, CONNECTICUT.

Letters Patent No. 105,346, dated July 12, 1870.

IMPROVEMENT IN CAN-OPENERS.

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, WILLIAM W. LYMAN, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Can-Opener; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent in—

Figure 1, an edge view of the instrument;

Figure 2, an under-side view; and in

Figure 3, a central section, illustrating the manner of operation.

This invention relates to an improved instrument for opening metal cans and boxes, and consists in constructing one end so as to enter and turn under the tin, and form a pivot, combined with a rotating cutter or shear, arranged so that, when the instrument is turned upon the said pivot, the said rotating cutter will cut through the metal.

A is an arm of any suitable material, one end of which is formed with a point, *a*, set below the end, so that, when the said end is passed through the metal and turned down, a bearing or pivot will be formed between the said point and the lever proper, as seen in fig. 3.

At a suitable distance from the said pivot a circular cutter, *d*, is arranged, the axis of which is in a line radiating from the said pivot, and a groove is formed in the said handle by a projection upon the under side, as seen in figs. 1 and 3, one side, *e*, of the said projection forming a guide or bearing, to run upon the surface of the metal, and serve as a guide for the depth of cut, the handle A extending to a sufficient length for convenient use.

To use the instrument, press the point through the cover, as denoted in broken lines, fig. 3; then turn down to the position in fig. 3, so that the point will run below the cover and the pivot pass through; then press the cutter down onto and through the metal, running the handle around, and the revolving cutter *d* cuts through the metal, so as to open the can, box, or whatever it may be.

I claim as my invention—

The handle A, provided at one end with the point *a*, and constructed so as to form a pivot, as described, and having combined therewith a rotary cutter, *d*, with its bearing *e*, the whole constructed and operating substantially as described.

WM. W. LYMAN.

Witnesses:

RATCLIFFE HICKS,
R. H. FOSTER.