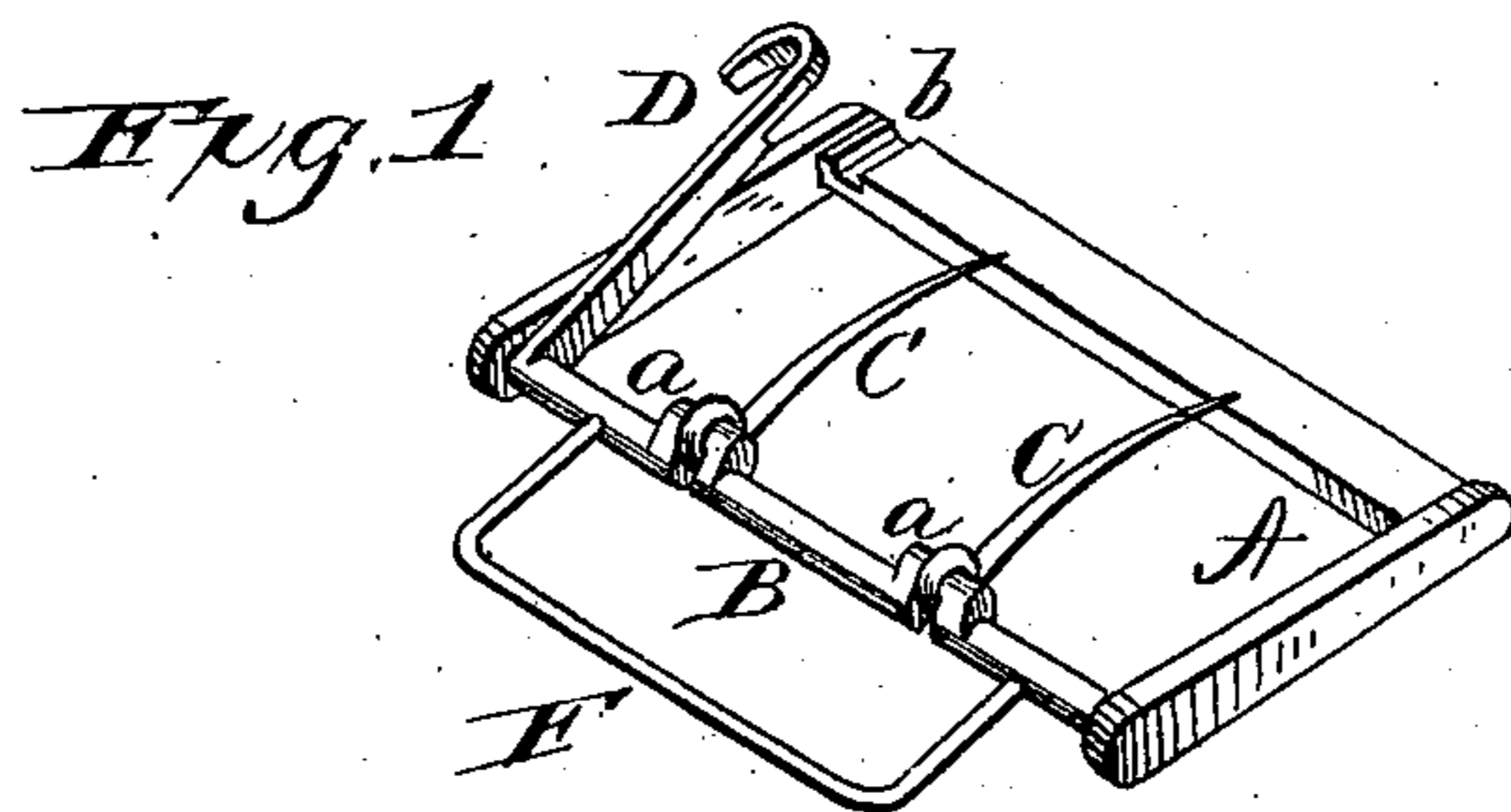
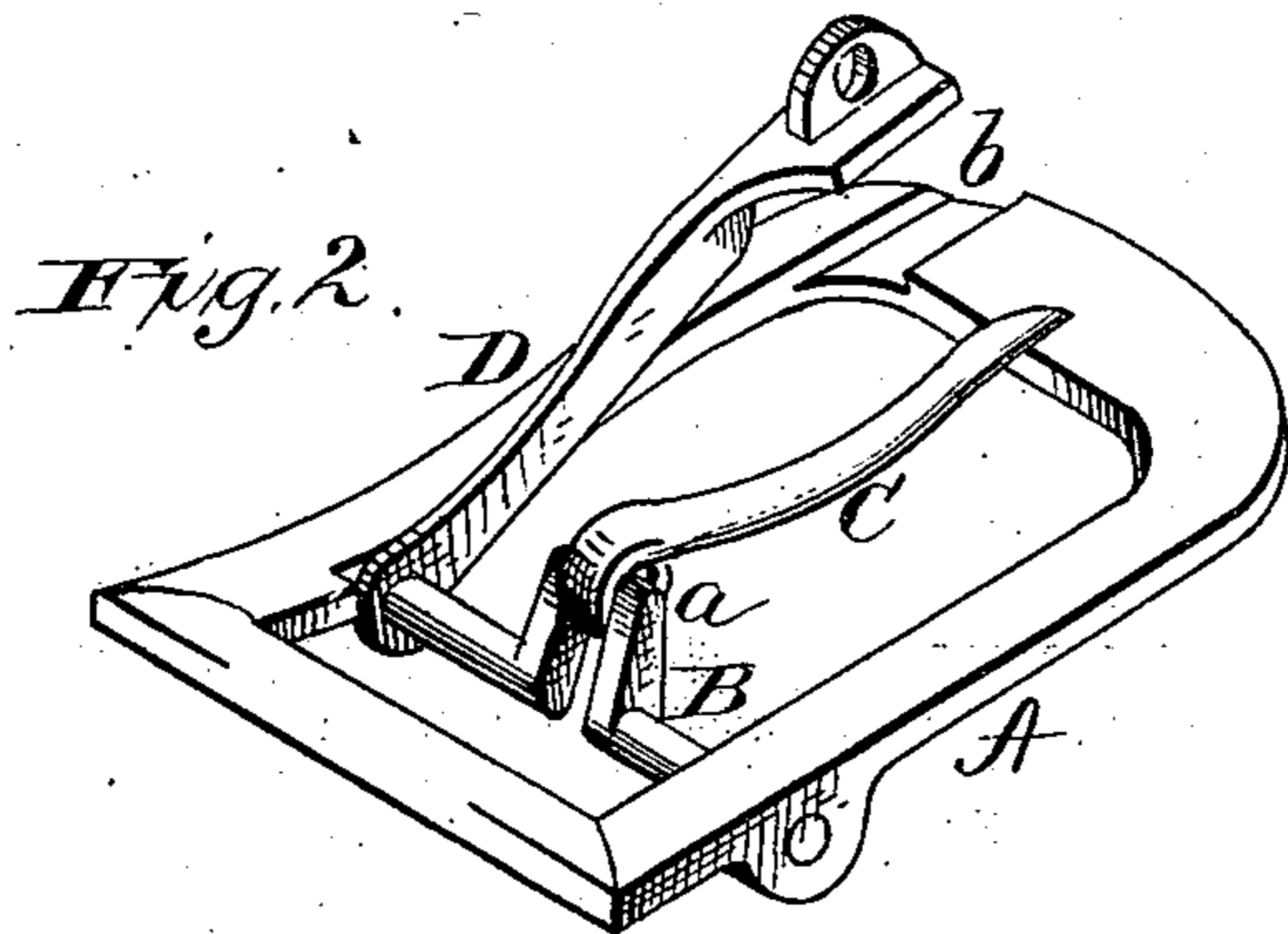


I. L. LANDIS.
Buckle.

No. 227,798.

Patented May 18, 1880.



Witnesses:

A. L. Curand
H. Aubrey Faulkner

Inventor:

I. L. Landis
By Alexander Watson
att

UNITED STATES PATENT OFFICE.

ISRAEL L. LANDIS, OF LANCASTER, PENNSYLVANIA.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 227,798, dated May 18, 1880.

Application filed January 20, 1880

To all whom it may concern:

Be it known that I, ISRAEL L. LANDIS, of Lancaster, in the county of Lancaster, and in the State of Pennsylvania, have invented certain new and useful Improvements in Buckles; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to buckles for suspenders, harness, and other purposes; and it consists, essentially, in a frame with a crank-shaft, on which one or more tongues are pivoted, and provided with a lever closing inside and on top of the frame, and also in a bail attached to the crank-shaft, all as hereinafter more fully set forth.

In the annexed drawings, Figure 1 is a perspective view, showing the crank-shaft with lever and bail. Fig. 2 is a similar view, showing the crank-shaft with lever, but without the bail.

A represents the buckle-frame, having a shaft, B, pivoted in the side arms. This shaft is provided with one or more cranks, *a*, upon each of which a tongue, *c*, is pivoted. The shaft B is near one end provided with a lever, D, which closes directly inside of the frame close to one of the side arms, and its extreme end fits in a recess, *b*, on the front bar of the buckle. The lever D is so constructed that it can be easily raised by hand or by a cord connected to it, and the raising of the lever turns the crank-shaft so as to draw the end of the tongue or tongues away from the front bar of the buckle-frame and allow the said tongue or

tongues to drop below the frame, and thus release the strap. The crank-shaft B is further provided with a bail, F, to which one strap may be attached, and this bail serves as a lever to turn the shaft and withdraw the tongues.

In some cases I may use both the bail and lever.

I am aware that buckles have been made with a crank-shaft with the tongue pivoted thereon and provided with a lever, having shown and described the same in a former patent granted to me.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A buckle consisting of a frame, A, a crank-shaft, B, having one or more tongues, C, pivoted thereon, and a bail or staple, F, attached to the crank-shaft, substantially as and for the purposes herein set forth.

2. The combination of the frame A, formed with the recess *b*, the crank-shaft B, with one or more tongues, C, and the lever D, attached to the shaft and fitting inside of the frame, in the recess *b*, substantially as herein set forth.

3. The combination of the frame A, crank-shaft B, with one or more tongues, C, the lever D, and bail F, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 9th day of January, 1880.

ISRAEL L. LANDIS.

Witnesses:

H. AUBREY TOULMIN.

J. J. MCCARTHY.