

O. Brown's Harness Buckle.

No. 120,413.

Patented Oct. 31, 1871.

Fig. 1.

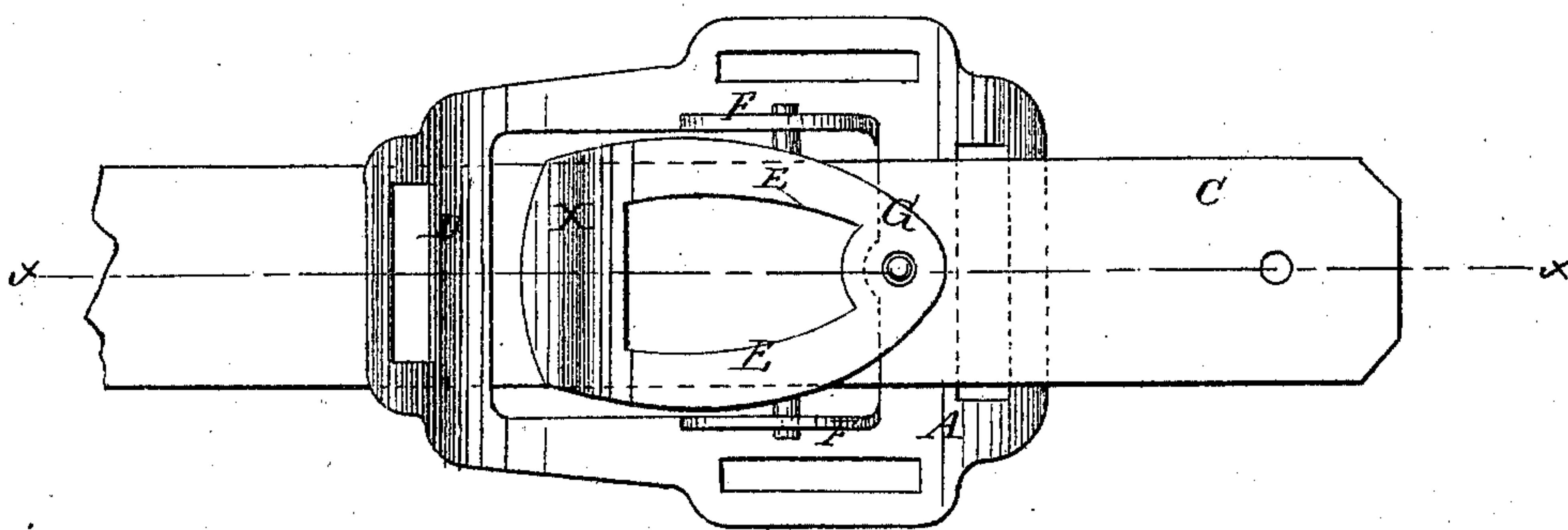
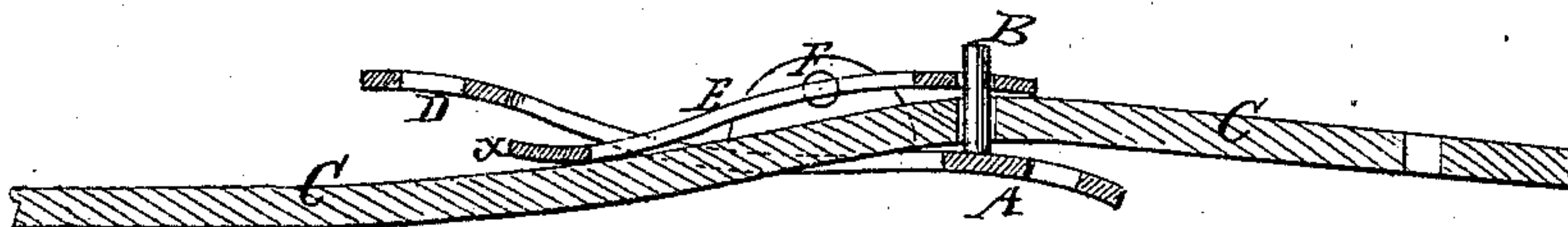


Fig. 2.



Witnesses:

Chas. Nida
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Inventor:

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UNITED STATES PATENT OFFICE.

OTHNIEL BROWN, OF ALBIA, IOWA.

IMPROVEMENT IN HARNESS-BUCKLES.

Specification forming part of Letters Patent No. 120,413, dated October 31, 1871.

To all whom it may concern:

Be it known that I, OTHNIEL BROWN, of Albia, in the county of Monroe and State of Iowa, have invented a new and Improved Harness-Buckle; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a plan view, and Fig. 2 is a longitudinal sectional elevation of my improved buckle.

Similar letters of reference indicate corresponding parts.

My invention relates generally to harness-buckles, but particularly to that patented December 21, 1858, by O. B. Smith, upon which my improvement is based.

I will now describe all that is necessary to a full understanding of my invention and then clearly point it out in the claim.

The cross-bar A of the frame has a stud-pin rising vertically from it to enter the hole of the strap C to be buckled, which is passed under bar

D and over A. E is a clamping-bar or lever, pivoted in ears F rising from the side bars of the frame, and bearing at the short end G on the strap around the pin B, a hole being made in said end G for the pin. The long arm X is bent inward, so as to bear against the strap inside of the main frame and close to the bar D in such a manner that the straightening of the strap by the tension of the draft will force the long arm of the lever out and the short one in, in a way to hold the strap more firmly, according to the strain.

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

The buckle-frame A D having studs or ears F F and tongue B, in connection with the lever E having the longer arm X inwardly curved and the arm G pierced to receive pin B, the whole being arranged and operating in the manner and for the purpose set forth.

OTHNIEL BROWN.

Witnesses:

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