

(No Model.)

W. G. SLATER.

HARNESS BUCKLE.

No. 278,054.

Patented May 22, 1883.

Fig. 1

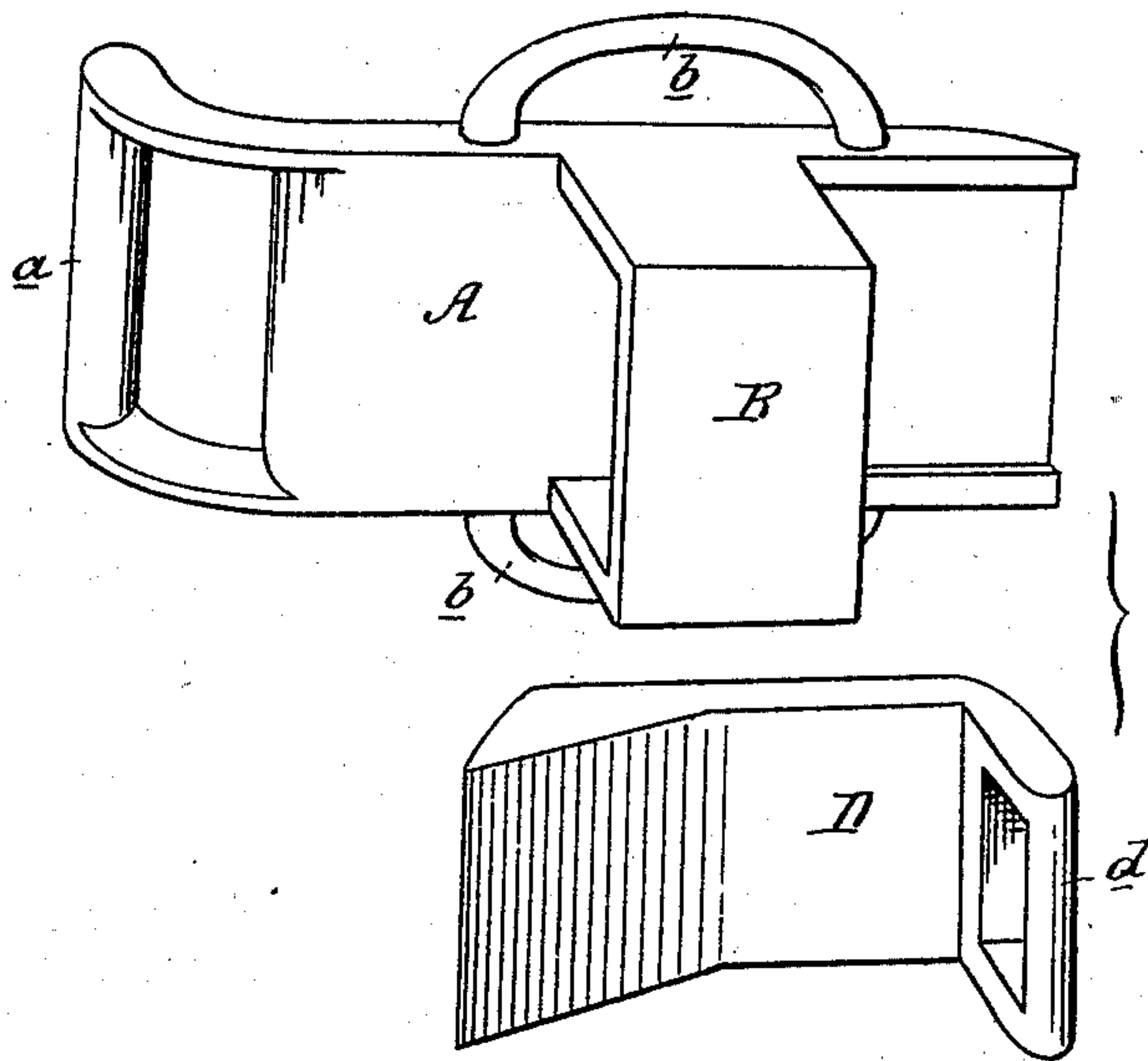
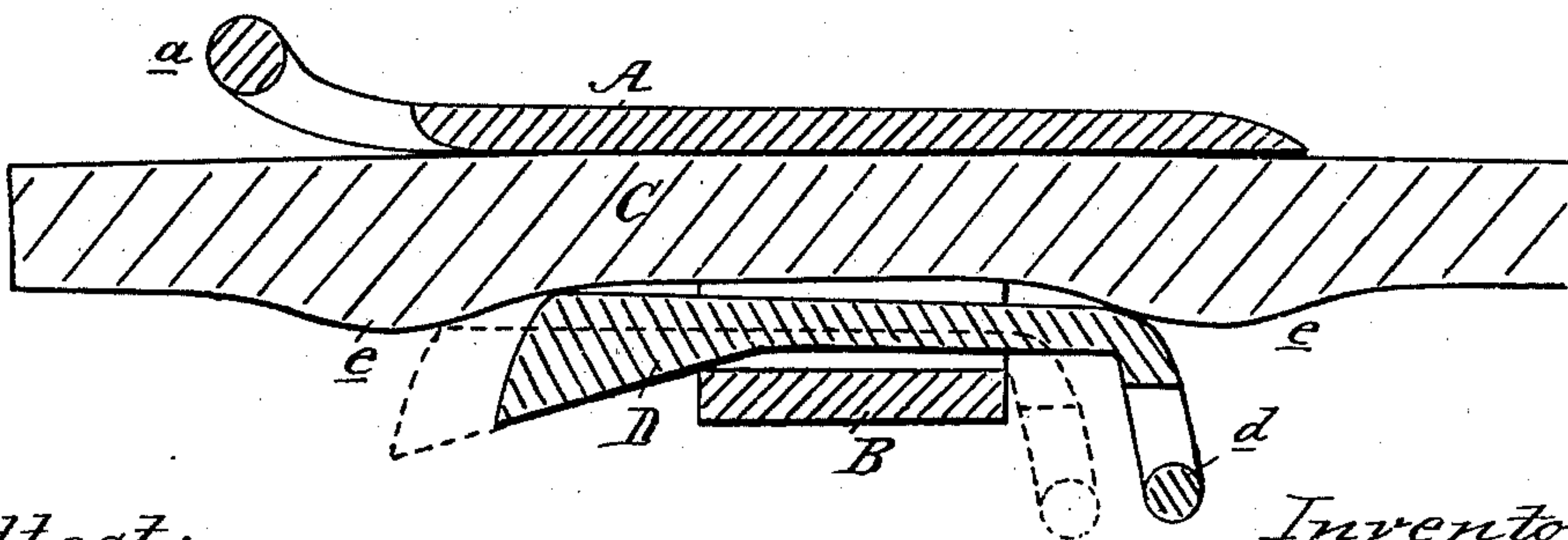


Fig. 2



Attest:
A. Barthel
W. G. Slater

Inventor:
Warren G. Slater
by his Atty W. A. Maynes

UNITED STATES PATENT OFFICE.

WARREN G. SLATER, OF FREMONT, MICHIGAN, ASSIGNOR TO ALONZO SWEET, OF SAME PLACE.

HARNESS-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 278,054, dated May 22, 1883.

Application filed March 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, WARREN G. SLATER, of Fremont, in the county of Newaygo and State of Michigan, have invented new and useful
5 Improvements in Harness-Buckles; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and useful improvements in the construction of harness-buckles.

The invention consists in the peculiar construction and arrangement of the parts in combination with a peculiarly-formed trace, whereby the movement of a tongue upon the buckle is dispensed with, all as more fully hereinafter set forth.

20 Figure 1 is a perspective view of my improved buckle with the wedge-block removed. Fig. 2 is a longitudinal section, showing the buckle as applied to a trace.

25 In the accompanying drawings, which form a part of this specification, A represents the body of a buckle, which is preferably cast solid, and provided with a bail, *a*, at one end to receive the hame-tug, and with the side bails, *b*, for the reception of the back-strap and belly-band. Upon the face of this buckle or body
30 A, I form the rectangular bail or loop B, through which the trace C passes.

35 D is a wedge-block, the rear end of which is provided with the bail *d*, into which may be secured, if desired, the end of the holdback-strap, which runs forward from the breeching.

In the trace C, and at suitable distances apart, I secure lateral strips of leather, which may be sewed into place at the time of making the trace, and which form the bulges *e* in the trace.

40 In practice, the buckle being secured to the hame-tug and the wedge-block being in place, the trace is pushed through the loop B the desired distance and until the required length of tug has been obtained; and during this
45 operation the wedge-block is in the position shown in dotted lines, with its thinnest part concealed within the loop. To secure the trace the wedge-block is now pushed into the loop, so that the lower face thereof will impinge
50 against the traces, the bulges hereinbefore spoken of preventing the traces from pulling through.

What I claim as my invention is—

55 A harness-buckle consisting of the body A, provided with bails *a* and *b* and the loop B, in combination with the trace C, formed with enlargements *e* at regular intervals of its adjusted portion, and the wedge-block D, provided with bail *d*, and adapted to be held between any two of the enlargements *e* to lock
60 the trace within the loop, and also to support a back-strap secured to the rearwardly-extending bail *d*, substantially as set forth.

WARREN G. SLATER.

Witnesses:

SAM ODELL,
CHAS. P. BARKER.