

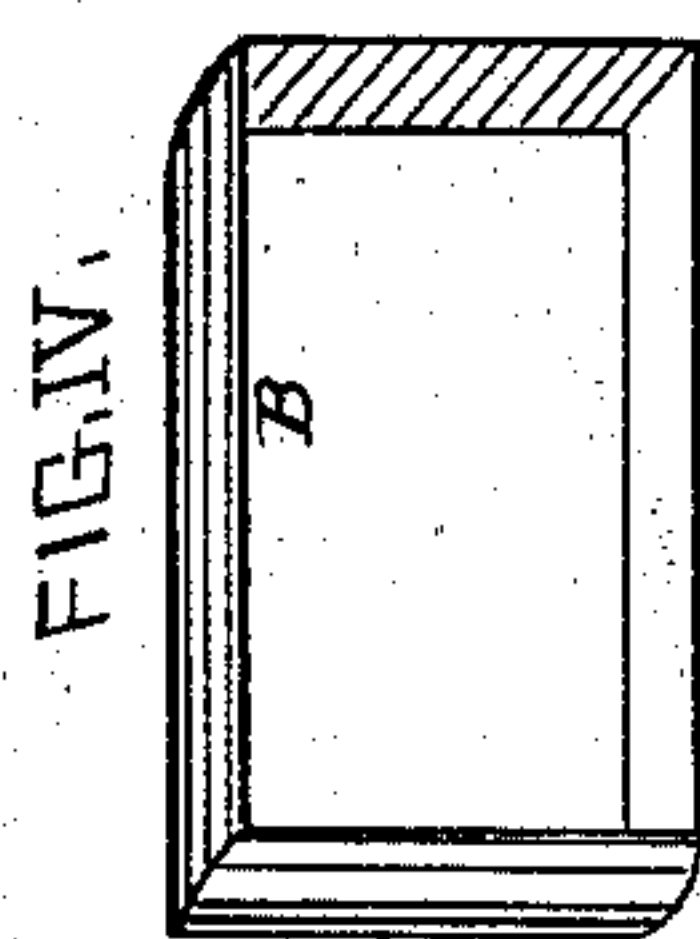
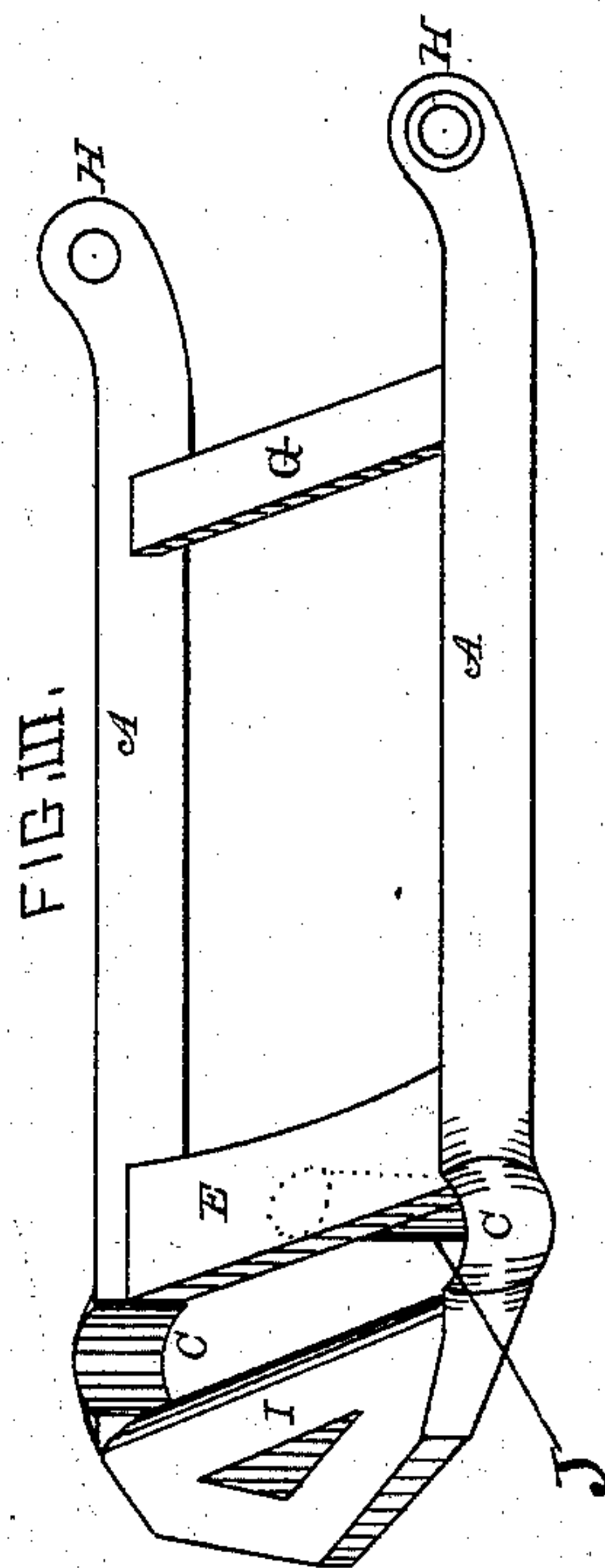
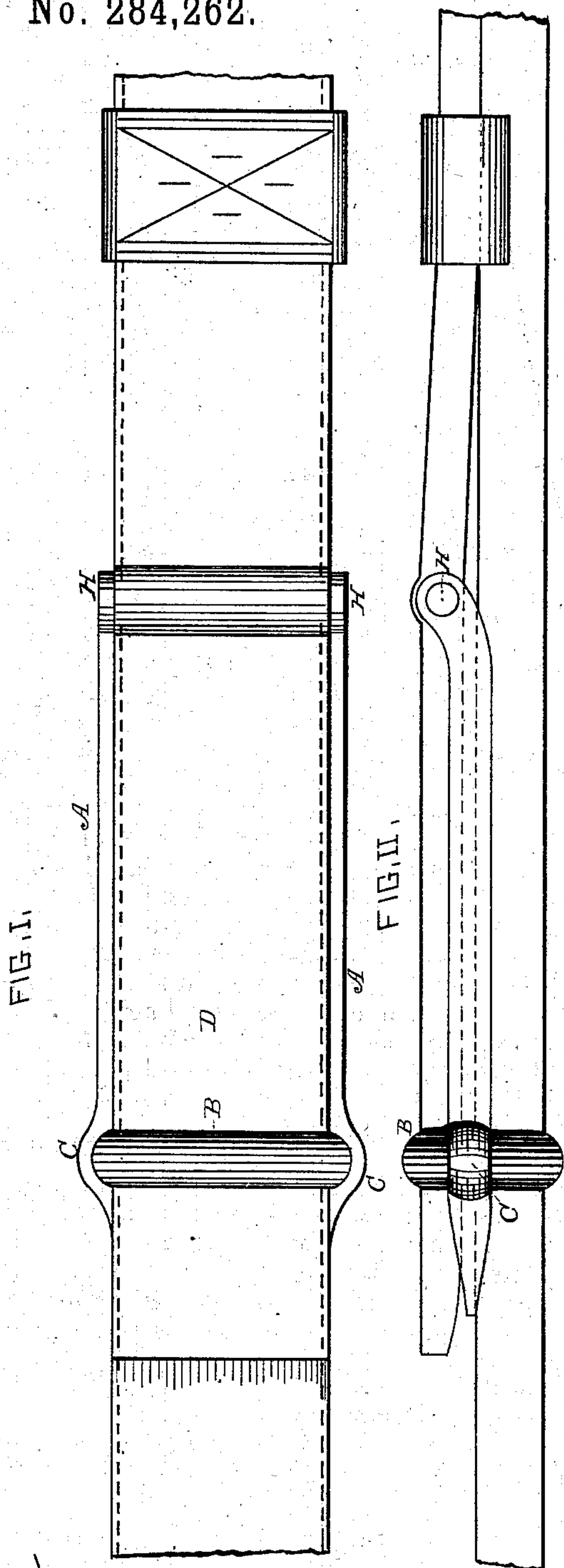
(No Model.)

T. WADLEIGH.

TRACE BUCKLE.

No. 284,262.

Patented Sept. 4, 1883.



WITNESSES,
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Wm. H. Hile

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UNITED STATES PATENT OFFICE.

THEODORE WADLEIGH, OF MILKS GROVE, ILLINOIS.

TRACE-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 284,262, dated September 4, 1883.

Application filed March 14, 1883. (No model.)

To all whom it may concern:

Be it known that I, THEODORE WADLEIGH, of Milks Grove, in the county of Iroquois and State of Illinois, have invented a new and useful Improvement in Trace-Buckles, of which the following is a specification, reference being had to the accompanying drawings, illustrating the invention, in which—

Figure 1 is a face view of those portions of the long and short trace which are buckled together; Fig. 2, an edge view; Fig. 3, a perspective representation of what I term a "draft-plate;" Fig. 4, a perspective view of the metal loop, by means of which and the long trace the pin on the draft-plate is held in short trace.

The purpose of this invention is to provide more convenient means for attaching and adjusting the long trace on the short one for business and fancy harness.

The nature of the invention consists, in brief, in a draft-plate pivoted to the long trace and provided with a pin which passes into the short trace, and is held thereby by a loop which passes around both traces and inside of the plate—that is, the end of the long trace serves as wedge or key to clamp the long trace to the short one, as the whole is hereinafter fully described and shown. The best means I have discovered to combine the draft-plate with the traces and loop consist in forming the plate with two bars, A, which are cast solid to cross-

bars I E G. To attain strength the cross-bars are much thinner than the bars A are wide, to allow the traces to come as close together as possible. The bars A A are curved outward at C C, so that the loop B may pass through, and the ends thereof, at H H, are provided with bolt-holes, through which and the long trace D a bolt is put to hold the draft-bar to said trace. The pin J, which connects the draft-plate to the short trace, is made to project inwardly from the cross-bar E, which forms the inner margin of the loop C C I E.

Some of the advantages of this buckle are, that it can be unbuckled and adjusted on the short trace E with less power on the part of the hands than any buckle of which I have knowledge. It is also light and comparatively inexpensive, and it may be plated or otherwise ornamented, so as to give a neat and substantial appearance.

I claim as new—

A trace-buckle for harness, consisting of the side bars, A A, curved at C C, and the cross-bars I, G, and E, the latter provided with a rigid tongue, J, in combination with the loop B, adapted to be inserted within the side bars, substantially as and for the purpose set forth.

THEODORE WADLEIGH.

Witnesses:

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