

A. V. SARGEANT.

Harness-Saddles.

No. 136,870.

Patented March 18, 1873.

Fig. 1.

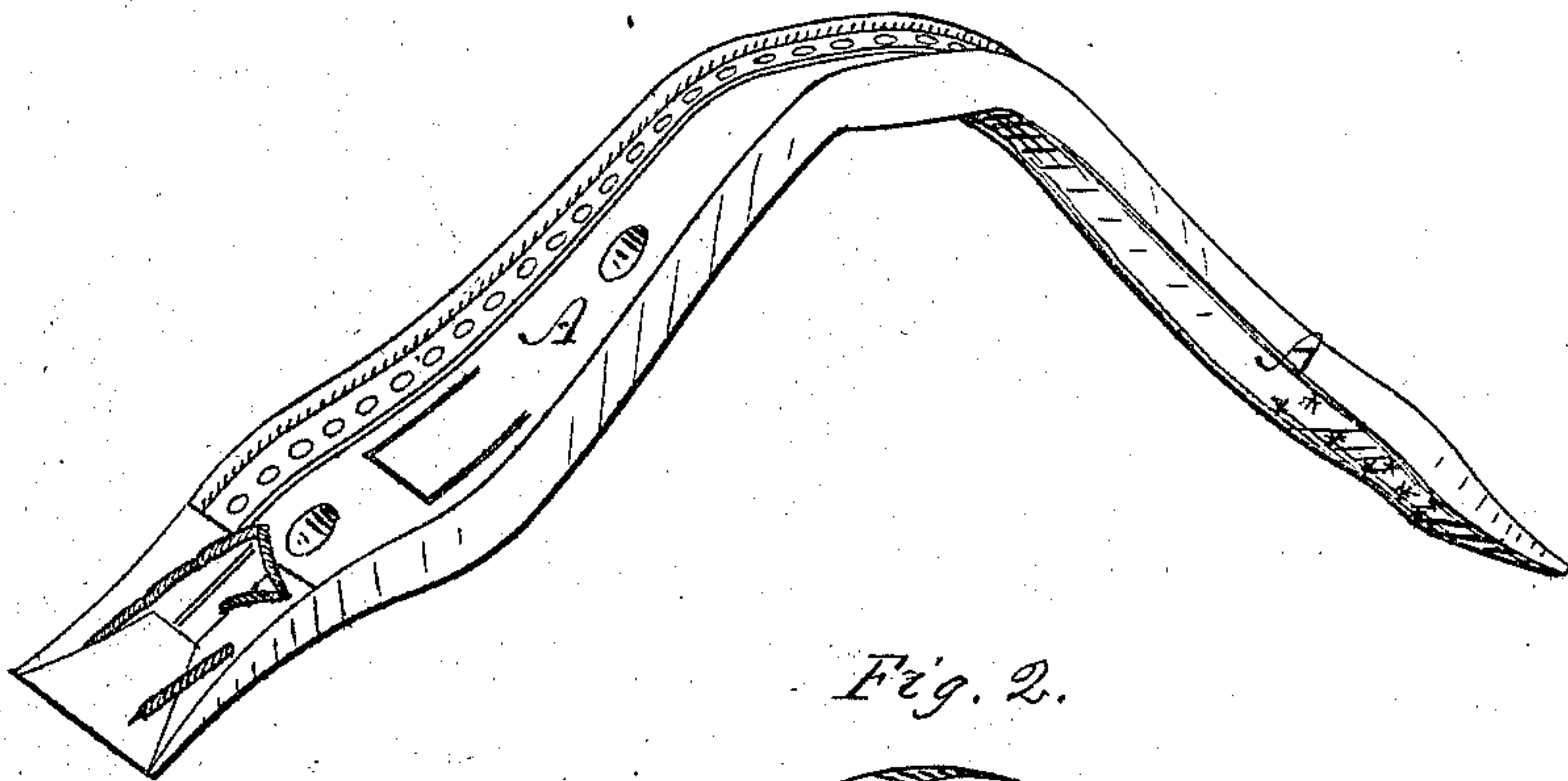


Fig. 2.

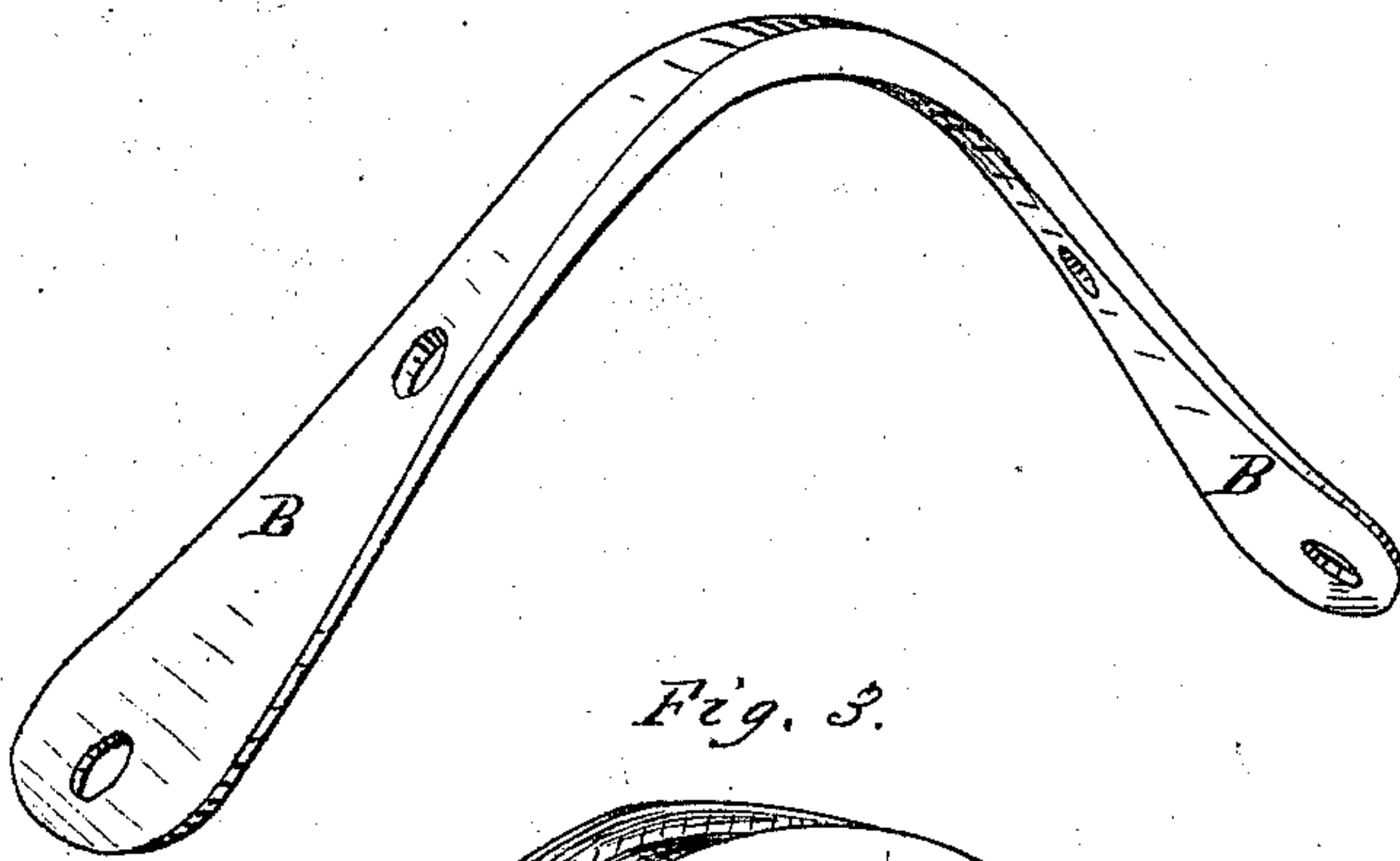


Fig. 3.

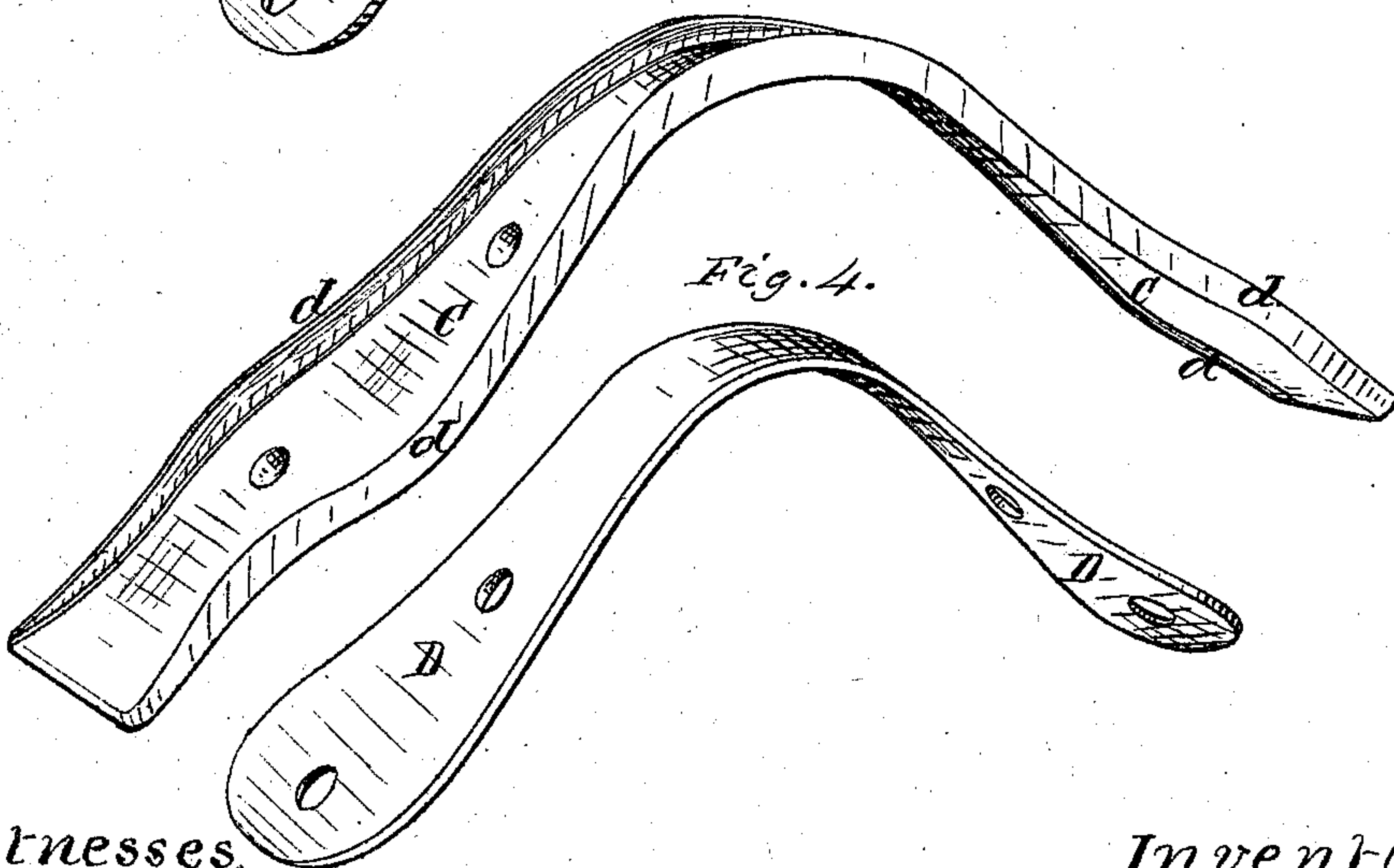


Fig. 4.

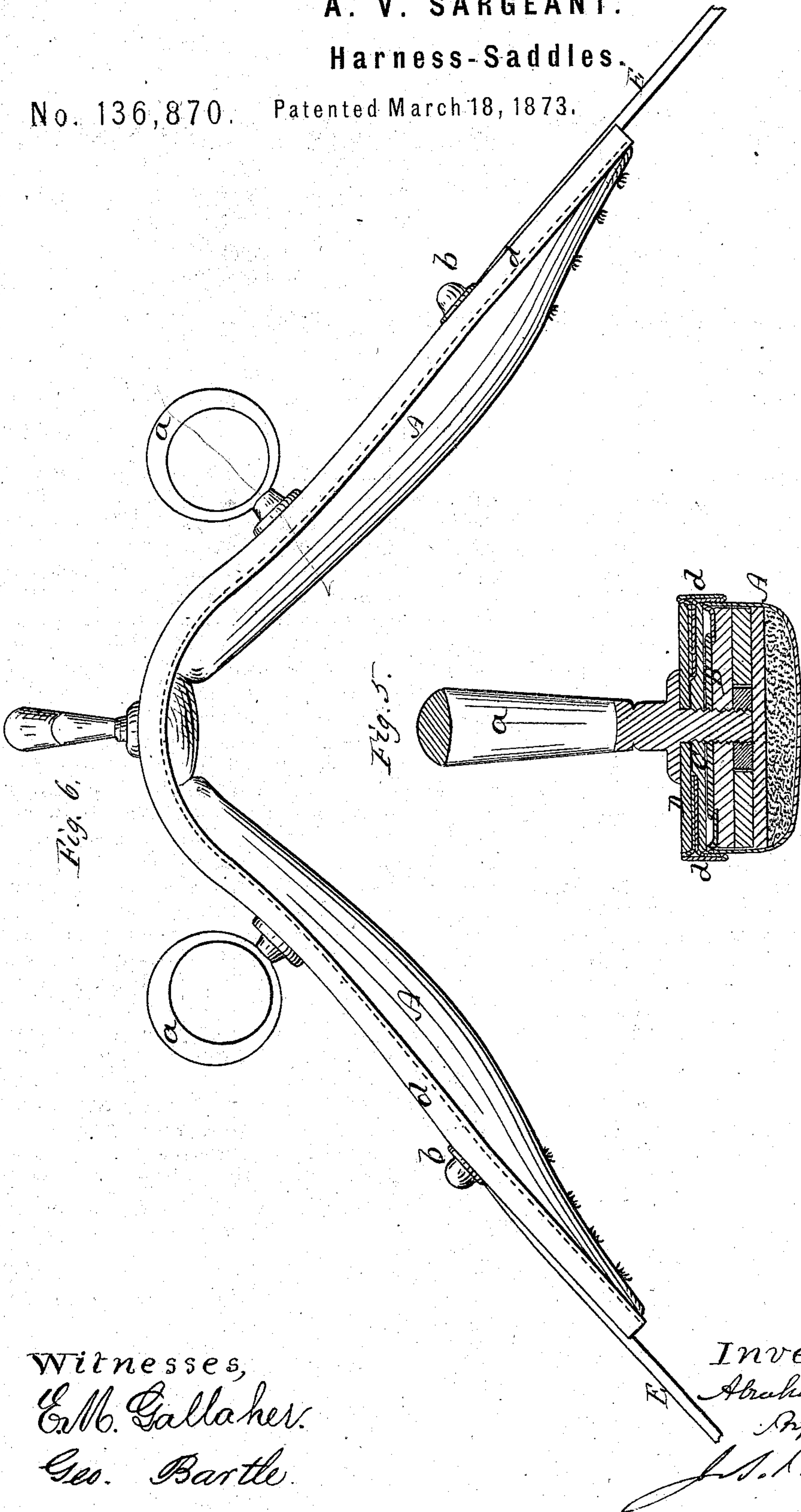
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# UNITED STATES PATENT OFFICE.

ABRAHAM V. SARGEANT, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN HARNESS-SADDLES.

Specification forming part of Letters Patent No. 136,870, dated March 18, 1873.

*To all whom it may concern:*

Be it known that I, ABRAHAM V. SARGEANT, of Newark, in the county of Essex and State of New Jersey, have invented an Improvement in the Construction of Harness-Pads; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing making part of this specification—

Figure 1 being a perspective view of the bottom of a harness-pad constructed with my improvement; Fig. 2, a perspective view of the pad-plate thereof; Fig. 3, a perspective view of the layer thereof; Fig. 4, a perspective view of the top of the pad; Fig. 5, a cross-section of the pad, as made up; Fig. 6, a side view of the pad made up.

Like letters designate corresponding parts in all of the figures.

The nature of my invention consists in constructing a harness or coach pad, so that it imitates a hand-made pad when finished, and admits of replacing the iron pad-plate, in case of breakage, without injury to the other parts; and in securing the binding to the leather layer—the said binding being so formed as to project both upward and downward to cover the edges of the pad-top, pad-plate, and pad-bottom, substantially as herein specified.

Let A represent the pad-bottom; B, the pad-plate; C, the layer; D, the pad-top; and E E, the upper ends of the side pieces.

The pad-plate B is preferably made of wrought-iron. It is therefore not only less liable to break than those made of malleable

iron now in general use, but in case of breaking a new plate can be readily made by a blacksmith, if it is not convenient to procure one from a dealer in harness hardware. The plate is placed in the pad under the layer so as to be removed by detaching the layer with the top from the bottom, after the terrets *a a* and screws *b b* are taken out. The layer C has bindings *d d* secured over its edges and projecting both upward so as to cover the edges of the top D and downward so as to cover the edges of the bottom A, when the pad is made up, as shown in Fig. 6. The top D is stitched to the layer C, and with it separates from the bottom A when the pad-plate between them is to be removed. The side pieces E E are attached to the pad, as shown.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The solid separate layer or leather middle piece C, when provided with the double-edged bindings *d d*, substantially as and for the purpose herein specified.

2. A harness or coach pad, composed of the bottom A, inclosed pad plate B, layer C, with its double-edged bindings, and the top D, all constructed and arranged substantially as herein described, so as to admit of replacing the pad-plate without unmaking or injuring the other parts of the pad, as herein specified.

ABRAHAM V. SARGEANT.

Witnesses:

J. W. TUTTLE,  
E. VAN WAGENEN.