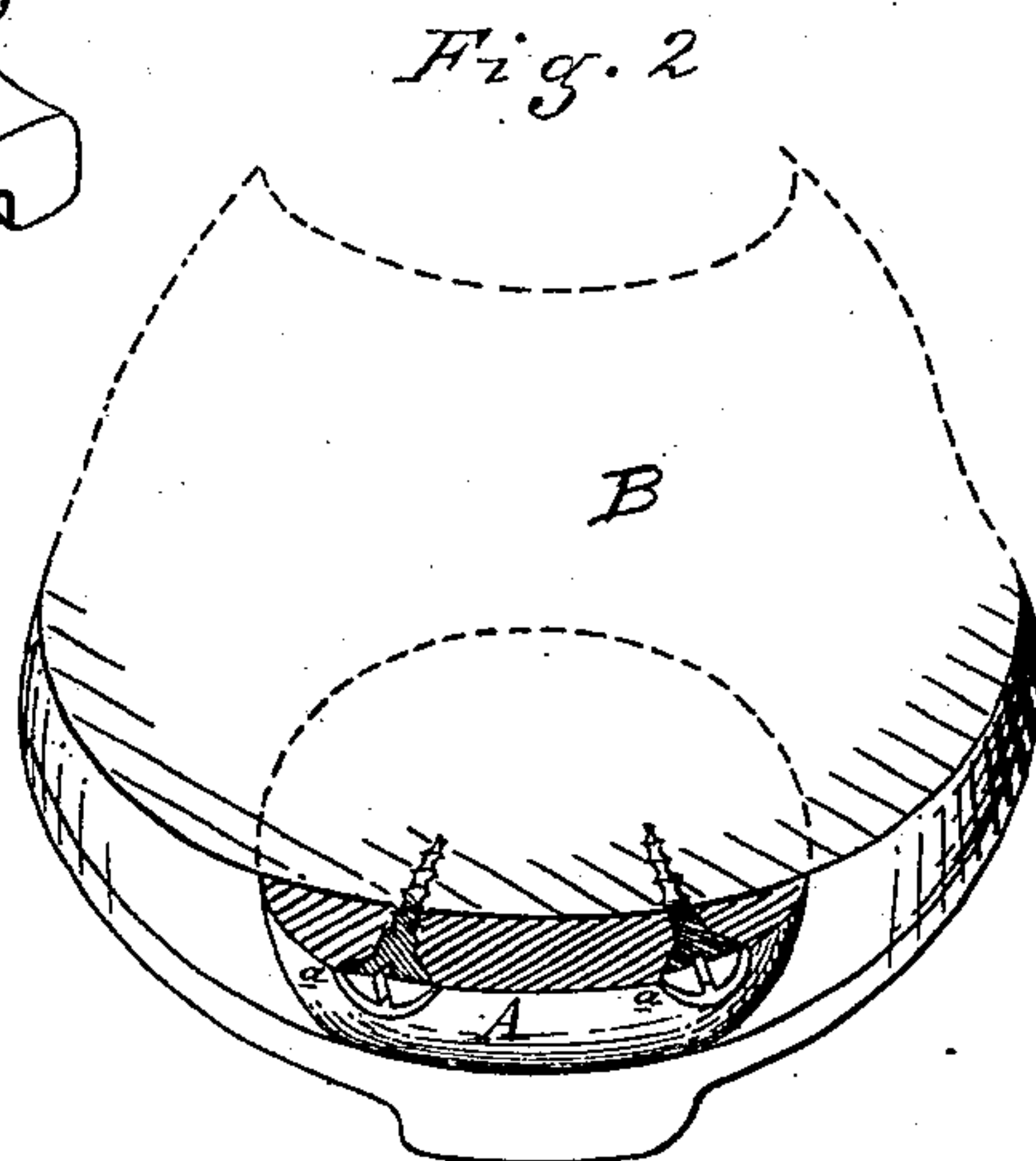
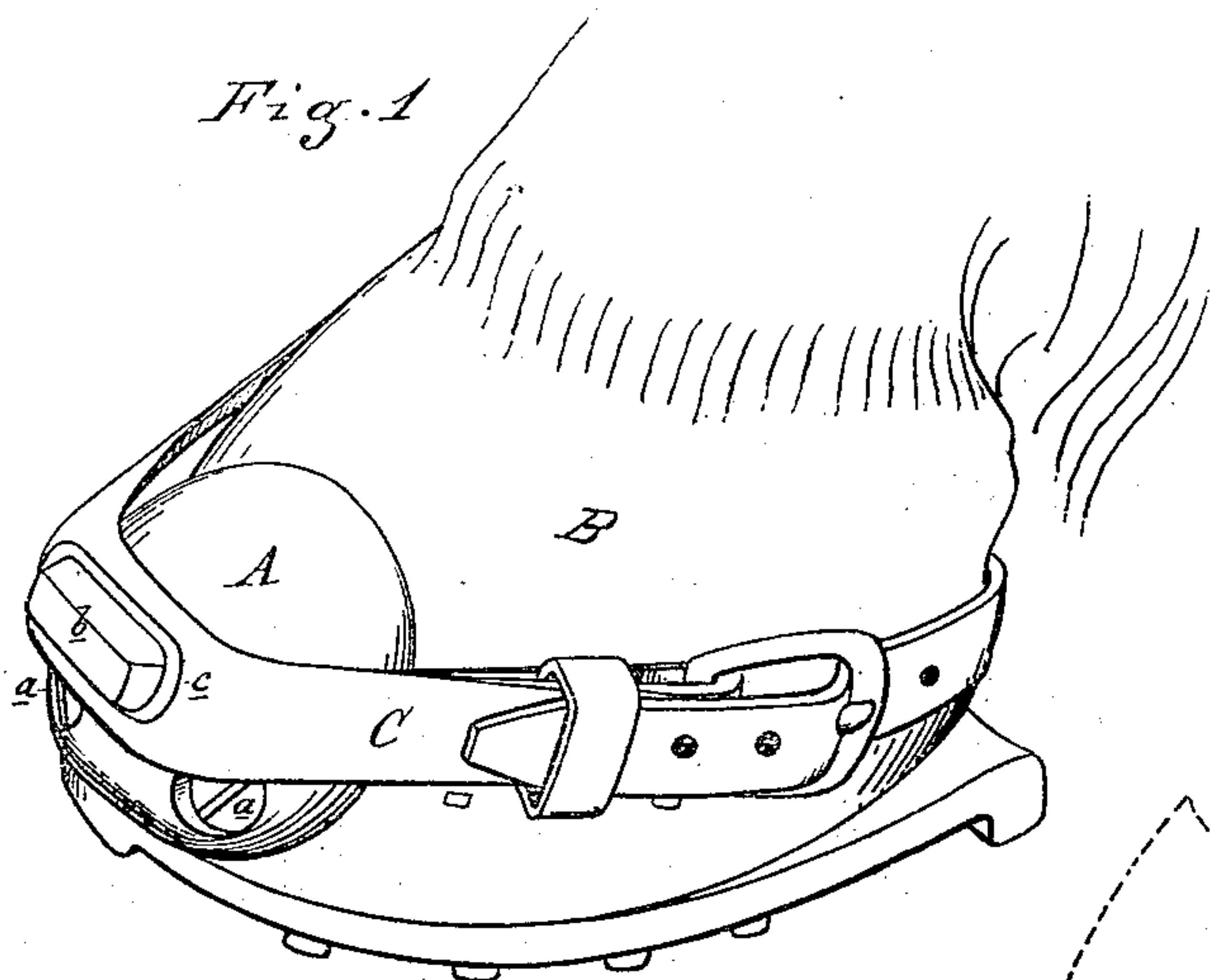


E. G. MILES.

TOE WEIGHT.

No. 246,533.

Patented Aug. 30, 1881.



*Attest:*

*W. Barthel  
Charles J. Hunt*

*Inventor:*

*E. G. Miles  
By Atty  
Thos. P. Sprague*

# UNITED STATES PATENT OFFICE.

EDWIN G. MILES, OF FENTON, MICHIGAN.

## TOE-WEIGHT.

SPECIFICATION forming part of Letters Patent No. 246,533, dated August 30, 1881.

Application filed December 13, 1879.

*To all whom it may concern:*

Be it known that I, EDWIN G. MILES, of Fenton, in the county of Genesee and State of Michigan, have invented an Improvement in  
5 Toe-Weights, of which the following is a specification.

The nature of my invention relates to certain new and novel improvements in the construction of toe-weights for horses.

10 The invention consists in the peculiar construction and arrangement of the various parts, all as more fully hereinafter set forth.

In the drawings, Figure 1 is a perspective view, showing my improved toe-weight as secured to a hoof. Fig. 2 is a sectional view.  
15

In the accompanying drawings, which form a part of this specification, A represents a toe-weight cast from any suitable metal of the size and weight desired. The rear face of this  
20 weight is concave, so as to fit snugly against the hoof B, to which it is secured by means of two or more screws, *a*, which pass through the weight, being "toed" into the shell of the hoof. The holes through which the screws  
25 pass in the weights are countersunk, in order to prevent the heads of the screws from projecting beyond the face of the weights. A stud, *b*, is formed upon the outer face of the weight, and integral with the latter, over which  
30 a strap C, with a slot, *c*, is slipped, being buckled around the hoof, as shown.

Heretofore toe-weights have been provided with a staple or slotted projection, through the slot in which a strap has been made to pass;  
35 but this construction is objectionable, because

if the weight should accidentally get loosened it would be liable to slip along the straps and get out of place, rendering the toe-weight inoperative, and in the slipping of the weight along the strap the latter is liable to be chafed  
40 and injured. My construction obviates these defects, and prevents the slipping of the toe-weight on the strap by the insertion of the stud on the weight through a slot in the strap, and also prevents the chafing of the strap by the  
45 slipping of the toe-weights on it.

When light weights are employed the strap may be dispensed with and the weight will be secured to the hoof by means of the screws only, which will be sufficient to hold the weight se-  
50 curely upon the hoof.

What I claim as my invention is—

1. The toe-weight A, provided with the solid stud *b*, made integral therewith, and having countersunk holes for the reception of screws  
55 *a*, adapted to be inserted into the hoof, in combination with the strap C, having an elongated slot, *c*, whereby said toe-weight is prevented from slipping on said strap, substantially as described.  
60

2. A toe-weight having an inner concave face to fit the hoof, and provided with perforations, as shown and described, whereby the weight may be rigidly secured to the hoof by screws only.

EDWIN G. MILES.

Witnesses:

H. S. SPRAGUE,  
A. BARTHEL.