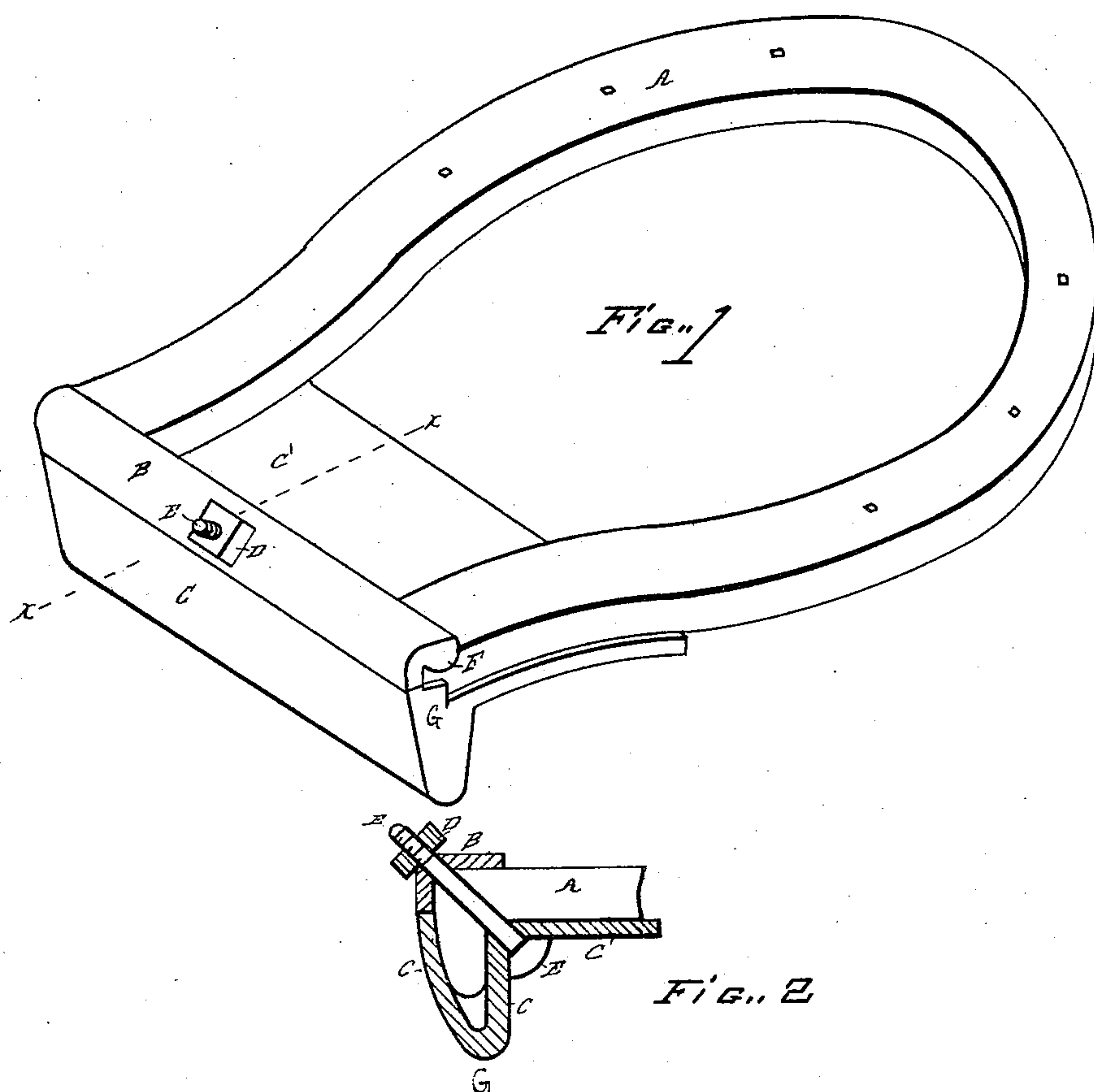


(No Model.)

S. T. BANE.
SHIELD FOR HORSESHOE CALKS.

No. 407,506.

Patented July 23, 1889.



Seth T Bane

Witnesses

Henry A. Lott
Emma Henselbacher

Inventor

UNITED STATES PATENT OFFICE.

SETH T. BANE, OF DETROIT, MICHIGAN.

SHIELD FOR HORSESHOE-CALKS.

SPECIFICATION forming part of Letters Patent No. 407,506, dated July 23, 1889.

Application filed November 23, 1888. Serial No. 291,693. (No model.)

To all whom it may concern:

Be it known that I, SETH T. BANE, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful
5 Improvement in Shields for Horseshoe-Calks, of which the following is a specification.

My invention consists in an improvement in shields for horseshoe-calks, hereinafter fully described and claimed.

10 Figure 1 is a perspective of a horseshoe with the shield in place; and Fig. 2 is a section on the line *x x*, Fig. 1.

Many horses have a habit of standing with the heel of one hind foot resting on the top
15 of the other hind foot, and when sharp-shod often cut themselves in this way. My invention is designed to obviate this, and to also prevent the heel-calks from becoming dull in the stable.

20 A represents a horseshoe.

G represents a box made of wrought or malleable metal adapted to inclose both heel-calks between its front and rear sides C C, and having a flange C' extending from the
25 top of its front side C under the bars of the shoe, and upon which the shoe rests. I prefer to make the depth of the box G a little greater than the length of the calks, so that the ends of the calks will not touch the bottom of the box and the weight of the horse
30 will be transmitted to the box through the flange C'.

B represents a piece of angle-iron, the flanges of which are narrow and fit over the

top and back of the heel of the shoe, and it has 35 preferably a lip F at each end to prevent lateral displacement, and when the box G and angle-iron B are in position, as shown in the drawings, and are drawn together, the angle-iron B locks the box G firmly to the shoe. 40

Any kind of a fastening preferred may be employed to lock the angle-iron to the box G.

The form of fastening shown in the drawings consists of a bolt E, whose shank passes loosely through a hole at the junction of the
45 flange C' and the front of the box, the head of the bolt being too large to pass through said hole and its threaded end passing through the angle-iron B and being provided with a nut D, which draws the box G and the
50 angle-iron B together.

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

1. A box adapted to receive the two heel-calks of a horseshoe, in combination with an
55 angle-iron to fit over the heel of the shoe, and means, substantially as described, for locking said box and angle-iron together, substantially as and for the purposes set forth.

2. The combination of the box G, having 60 the flange C' thereon, angle-iron B, bolt E, and nut D, substantially as and for the purposes set forth.

SETH T. BANE.

Witnesses:

HENRY B. LOTHROP,
EMMA HESSELBACHER.