

(No Model.)

C. N. BARTON.
WEIGHTED HORSESHOE.

No. 470,815.

Patented Mar. 15, 1892.

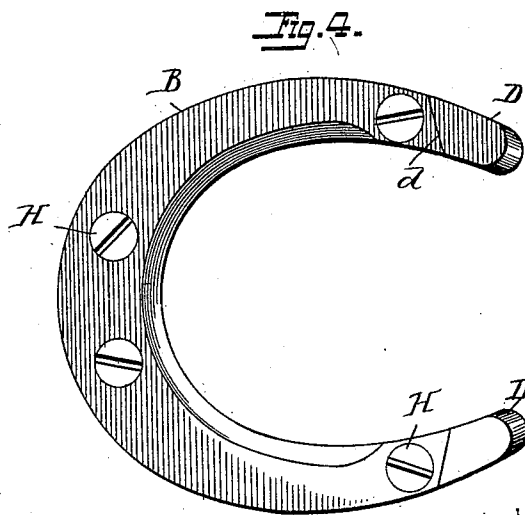
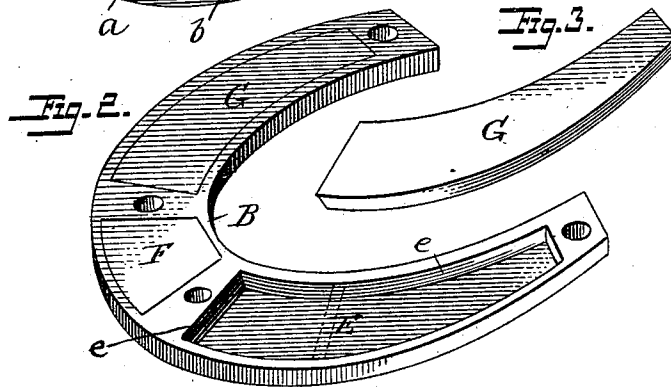
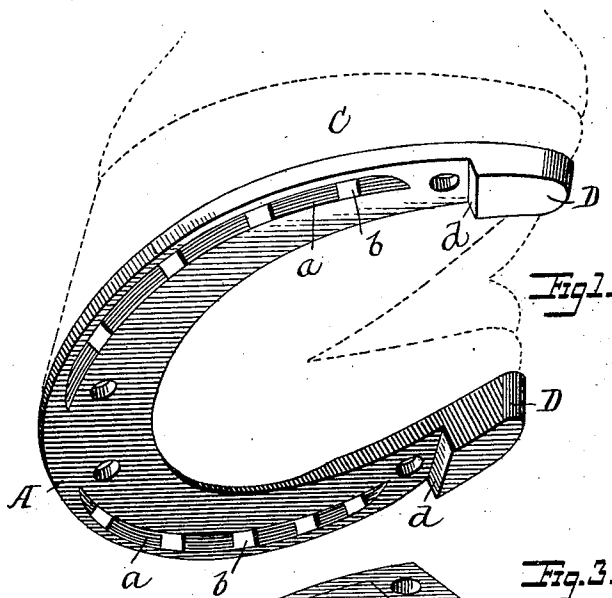
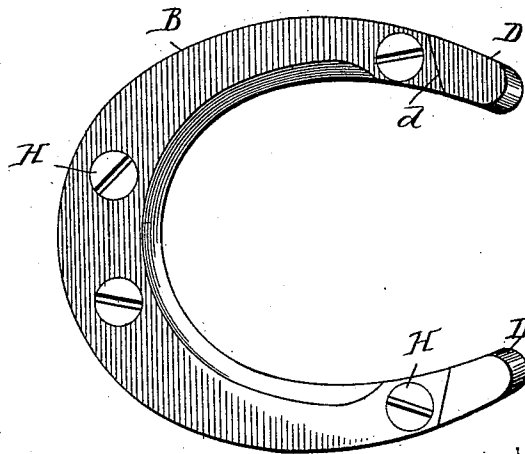


Fig. 4.



Witness:

Judge Hinkel
Chas. S. McArthur

Chas. N. Barton,
Inventor:

By Foster & Freeman
attys

UNITED STATES PATENT OFFICE

CHARLES N. BARTON, OF CYNTHIANA, ASSIGNOR OF TWO-THIRDS TO LEROY M. WADE AND CHRISTIAN F. TENTE, OF MOUNT VERNON, INDIANA.

WEIGHTED HORSESHOE.

SPECIFICATION forming part of Letters Patent No. 470,815, dated March 15, 1892.

Application filed August 31, 1891. Serial No. 404,286. (No model.)

To all whom it may concern:

Be it known that I, CHARLES N. BARTON, a citizen of the United States, residing in Cynthiana, Posey county, State of Indiana, have invented certain new and useful Improvements in Horseshoes, of which the following is a specification.

My invention relates to weighted horseshoes, and has for its object to provide a practical weighted shoe in which a greater or less weight may be applied to the toe or be distributed throughout or in other positions in the shoe; and to these ends my invention consists in a shoe constructed and arranged substantially as hereinafter more particularly pointed out.

Referring to the accompanying drawings, Figure 1 is a perspective view of a portion of a horse's hoof with one portion of the shoe attached thereto in the usual manner. Fig. 2 is a perspective view of the complementary portion of the shoe. Fig. 3 is a perspective view of one of the weights removed from its position. Fig. 4 is a plan view of the complete shoe.

The shoe consists of two separate parts A and B. The part A is preferably made substantially like an ordinary shoe, in that it is provided with the usual grooves *a*, having the usual holes for the passage of the nails *b*, by means of which the shoe is attached to the hoof C in the usual manner. It is also provided with enlargements or raised portions D D at the ends, which would ordinarily form calks for the shoe. These are preferably formed with a beveled or inclined surface *d* with relation to the rest of the shoe, for the purpose hereinafter stated, so that the outside of the calk is longer than the inside edge. The other or outside portion B of the shoe is made to correspond in outline with the portion A, and its inner side is recessed, as at E and F, there being in the present instance three recesses shown, one at each side and one at the toe. These recesses preferably have beveled edges *e* and are adapted to receive the weights G, which are made of lead or other suitable substance and are

adapted to fit into the recesses. The shape or configuration of these recesses may vary 50 to suit the requirements of any particular case, and I sometimes divide the recesses into a greater number, as shown by dotted lines in Fig. 2, and apply the larger portion of the weight toward the toe. Sometimes, however, 55 it is necessary to apply a larger portion of the weight to one side, and it will be understood that this can be readily accomplished with my construction.

The proper amount of weight being applied 60 to the outside portion B of the shoe, this portion is applied to the portion A and secured thereto by suitable means, as by screws H, preferably fitting in sockets in the outside portion, so as to be flush with the wearing- 65 surface of the shoe. The part B preferably has beveled ends to fit the inclined portion *d* of the calks D, so that they will tend to hold the parts together and prevent lateral displacement on account of the beveled or 70 diagonal joint. The part B is preferably of the thickness of the height of the calks, so that when this part is in position the shoe will present an even wearing-surface throughout.

When it is desired to change or adjust the 75 weights, it is evident that the shoe proper or A need not be removed from the hoof, it only being necessary to remove the outer part B and adjust the weights, when it can be again 80 secured in position and the weights will be entirely protected from wear and tear.

What I claim is—

1. A weighted horseshoe consisting of the portion A, adapted to be secured to the hoof 85 and provided with the calks D, having beveled or inclined edges *d*, and the portion B, having recesses in its inner side for the reception of the weights G and adapted to be secured to the portion A, substantially as de- 90 scribed.

2. A weighted horseshoe comprising two portions, one of which is provided with the usual grooves and nail-holes to attach it to the hoof and with enlargements or raised por- 95 tions at the ends of the shoe, the other por-

tion of which is provided with a series of recesses on its inner side to receive the toe and side weights and is of a length and shape to fit the first portion and abut against the
5 raised portion thereon, substantially as described.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

CHARLES N. BARTON.

Witnesses:

PAUL REISING,
JAMES H. GIBSON.