

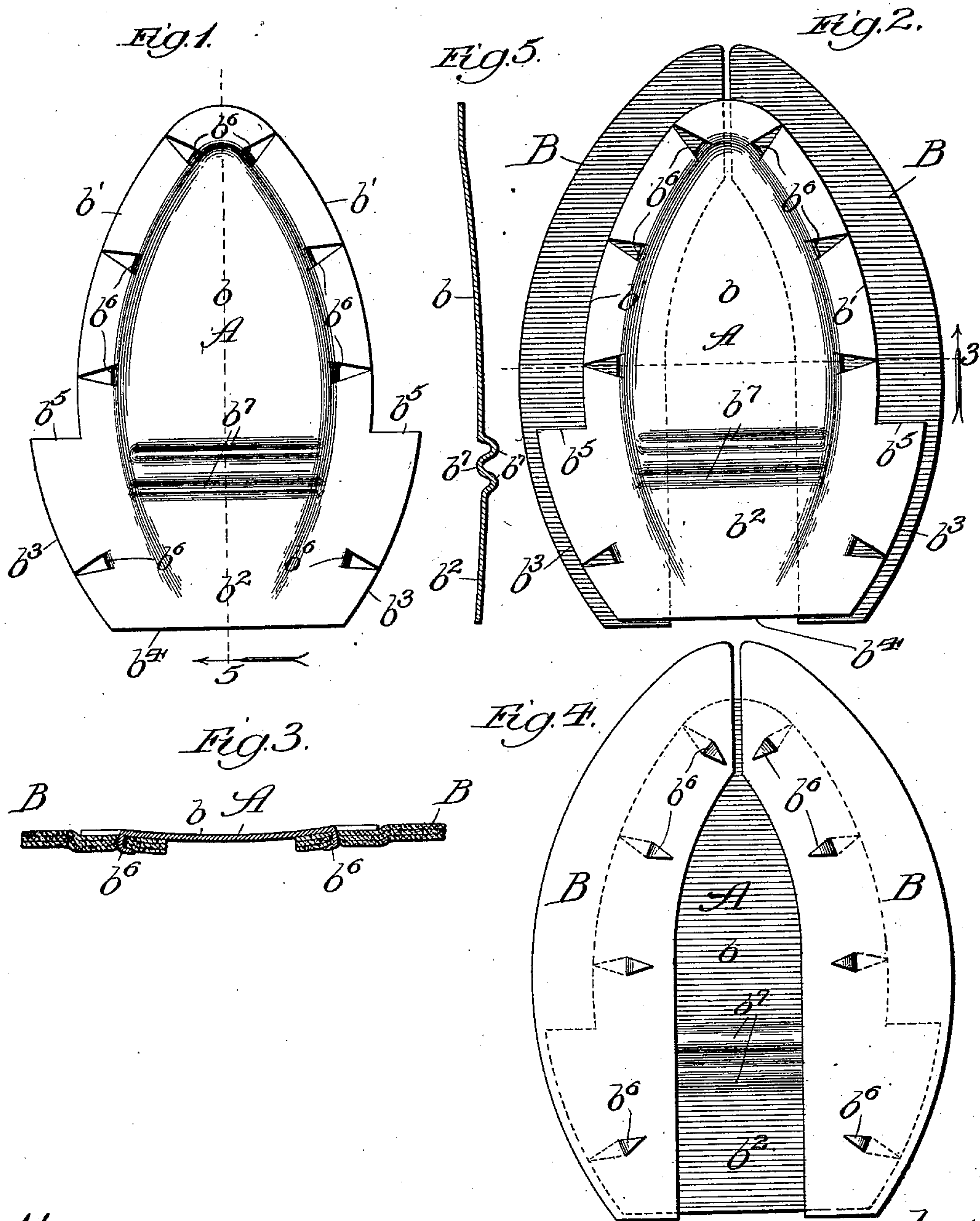
No. 723,442.

PATENTED MAR. 24, 1903.

W. J. CONWAY.
FOOT PAD.

APPLICATION FILED DEC. 13, 1902.

NO MODEL.



Witnesses:

N. B. Davis.
Albert D. Bacci.

Inventor.

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By *[Signature]*

UNITED STATES PATENT OFFICE.

WILLIAM J. CONWAY, OF CHICAGO, ILLINOIS.

FOOT-PAD.

SPECIFICATION forming part of Letters Patent No. 723,442, dated March 24, 1903.

Application filed December 13, 1902. Serial No. 135,033. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. CONWAY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Foot-Pads, of which the following is a specification.

My invention relates particularly to foot-pads for horses, adapted to be worn between the shoe and the horse's hoof to prevent injury to the foot from nail punctures, stone bruises, or the like.

My primary object is to provide a simple and cheap pad of this character which is well adapted to its purpose and which possesses all the strength requisite for such an article.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 represents an upper face view of a metallic plate forming a part of the pad; Fig. 2, an upper face view of the complete pad; Fig. 3, a section taken as indicated at line 3 of Fig. 2; Fig. 4, a lower face view of the pad, and Fig. 5 a section taken as indicated at line 5 of Fig. 1.

In the form shown the pad comprises a sheet-metal stamping A and concavo-convex strips of tarred canvas or similar padding B. The member A comprises a front portion b , having curved edges b' , and a rear portion b^2 , having curved lateral edges b^3 and a straight rear edge b^4 . The portion b^2 is of greater width than the portion b , forming abrupt shoulders or edges b^5 , connecting the edges b' with the edges b^3 . The plate A is dished downwardly, as indicated, to provide room for the frog of the horse's foot and rests at its margins upon the strips B. It is provided at its margins with downturned brads b^6 , which are punched from the metal, and these brads pass through the strips B and are clenched below to secure the parts together. The plate is provided in the rear of the shoulders b^5 with transverse corrugations b^7 , which are bowed downwardly at their central portions to conform to the general dished shape of the plate. These corrugations serve to strengthen the plate at the point where the greatest strain is liable to come upon it, the purpose being to prevent

the plate from being bent upwardly or dented sufficiently to press upon the frog of the foot.

It will be noted that the outer configuration of the pad corresponds with the outer configuration of a horseshoe and that nails may be driven through the canvas in front of the shoulders b^5 in the shoeing operation. In practice the pad and horseshoe are put on at the same time, the strips B of the pad resting upon the shoe and the horseshoe-nails passing through the canvas strips. Thus the margins of the metal plate bounded by the edges b^3 lie between the shoe and hoof, thus aiding to hold the plate secure.

The improved pad is light and strong and when used in connection with a horseshoe serves to protect the bottom of the foot from injury. The strips B B may or may not be joined at their front ends.

What I regard as new, and desire to secure by Letters Patent, is—

1. A foot-pad for horses, comprising strips of material through which nails may be driven, and a metal plate having brads punched therefrom and passing through and clenched upon said strips, for the purpose set forth.
2. A foot-pad for horses, comprising strips of material through which nails may be driven, and a metal plate secured to said strips and having the metal bent transversely to strengthen the plate, for the purpose set forth.
3. A foot-pad for horses, comprising strips of material through which nails may be driven, and a metal plate having transverse strengthening - corrugations and integrally-formed brads passing through and clenched upon said strips, for the purpose set forth.
4. A foot-pad for horses, comprising strips of material through which nails may be driven, and a metal plate with a front portion having curved edges and with a wider rear portion formed integrally therewith, said plate having transverse corrugations in the rear portion and integrally-formed brads at its margins, for the purpose set forth.

WILLIAM J. CONWAY.

In presence of—

ALBERT D. BACCI,
WM. B. DAVIES.