D. J. GOLDEN.

FOOT BALL SHOE.

APPLICATION FILED DEC. 21, 1916.

1,221,985. Patented Apr. 10, 1917.

FIG. 1.

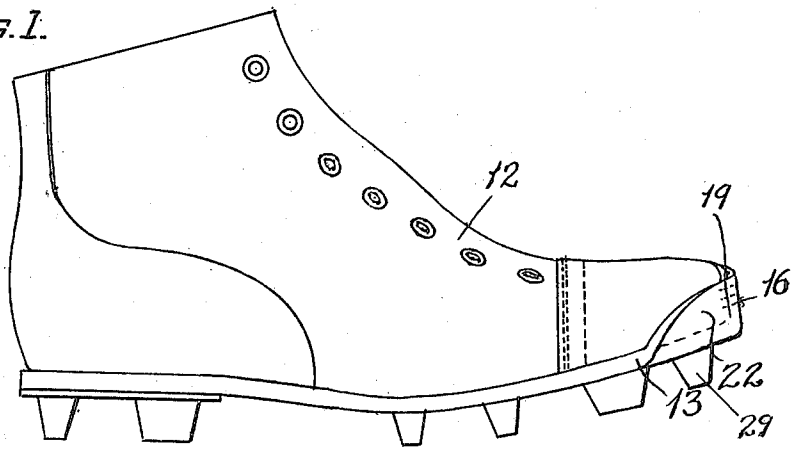


FIG. 3.

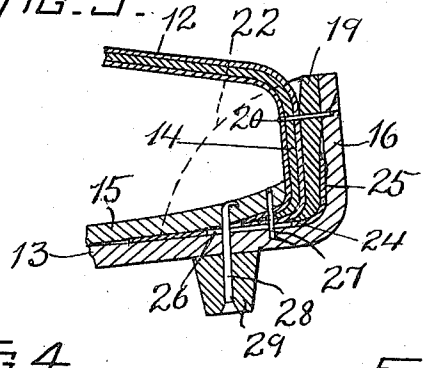


FIG. 2.

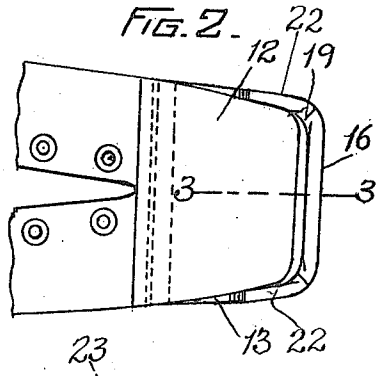


FIG. 4.

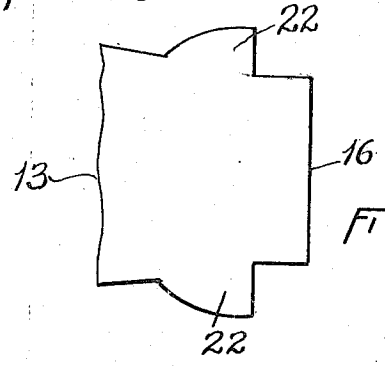


FIG. 5.

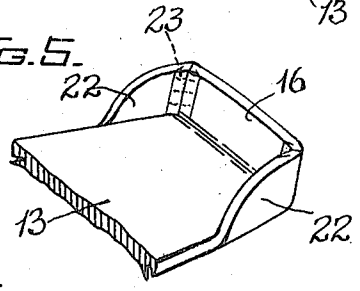
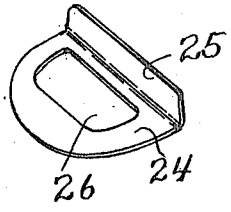


FIG. 6.



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

DANIEL J. GOLDEN, OF BROCKTON, MASSACHUSETTS, ASSIGNOR TO WALTER T. STALL, CHARLES H. DEAN, AND DANIEL J. GOLDEN, COPARTNERS DOING BUSINESS UNDER THE FIRM-NAME OF GOLDEN SPORTING SHOE COMPANY, OF BROCKTON, MASSACHUSETTS.

FOOT-BALL SHOE.

1,221,985. Specification of Letters Patent. Patented Apr. 10, 1917.

Application filed December 21, 1916. Serial No. 138,164.

To all whom it may concern:

Be it known that I, DANIEL J. GOLDEN, a citizen of the United States, residing at Brockton, in the county of Plymouth and State of Massachusetts, have invented new and useful Improvements in Foot-Ball Shoes, of which the following is a specification.

This invention relates to a shoe for foot ball players, provided with a toe adapted to be advantageously used in kicking a foot ball.

The invention is embodied in the improvements hereinafter described in the construction of the toe portion of the shoe.

Of the accompanying drawings, forming a part of this specification,—

Figure 1 represents a side view of a shoe embodying my invention.

Fig. 2 represents a top view of the toe portion of the shoe.

Fig. 3 represents a section on the line 3—3 of Fig. 2.

Fig. 4 represents a plan view of the toe portion of the outer sole before it is molded.

Fig. 5 represents a perspective view, showing the said portion molded.

Fig. 6 represents a perspective view of the metal reinforcing piece shown by Fig. 3.

The same reference characters indicate the same parts in all of the figures.

In the drawings,—12 represents the upper, 13 the outer sole, 14 the box toe or stiffener, and 15 the inner sole. These parts may be connected in any suitable way. The box toe 14 is molded with a relatively flat front end which is substantially perpendicular to the tread portion of the outer sole.

The outer sole is formed with a longitudinal extension 16, adapted to be bent upwardly in front of the toe portion of the upper and box toe, the extension being provided with a channel, adapted to receive attaching stitches.

I prefer to interpose a wedge piece 19, preferably of sole leather, between the bent-up extension 16 and the toe portion of the upper. The extension 16, the wedge piece 19, and the toe portions of the upper and box toe are united by stitches 20 extending horizontally across the toe.

It will be seen that the extension 16, the wedge piece 19, the toe portion of the upper, and the toe portion of the box toe form a thick and practically inflexible end wall adapting the shoe to be used effectively in kicking a foot ball.

The outer sole is preferably provided with integral lateral extensions or ears 22, which are bent up at opposite ends of the longitudinal extension 16 and united thereto by stitches 23, the edges of the extensions 16 and 22 being abutted together, so that butted seams are formed. The lateral extensions protect the side portions of the toe of the upper.

A metal plate 24 having a flange 25 may be placed upon the inner surfaces of the outer sole and its extension 16, as shown by Fig. 3, said plate reinforcing the portions to which it is applied, and being provided with a slot 26 to receive fastenings, such as McKay stitches 27, and nails 28, connecting a cleat 29 to the outer and inner soles.

I claim:—

1. A foot ball shoe comprising an upper, a box toe having a flat forward end, an outer sole having a longitudinal extension bent up across the toe portion of the upper, a wedge piece interposed between the toe portion of the upper and the extension of the outer sole, and fastenings securing the outer sole extension, the wedge piece and the toe portions of the upper and box toe together.

2. A foot ball shoe comprising an upper, a box toe having a flat forward end, an outer sole having a longitudinal extension bent up across the toe portion of the upper, a wedge piece interposed between the toe portion of the upper and the extension of the outer sole, and fastenings securing the outer sole extension, the wedge piece and the toe portions of the upper and box toe together, the outer sole being provided also with lateral extensions bent up and united to the ends of the longitudinal extension.

3. A foot ball shoe comprising an upper, a box toe having a flat forward end, an outer sole having a longitudinal extension bent up across the toe portion of the upper and the extension of the outer sole, fastenings securing the outer sole extension, the wedge piece and the toe portions of the upper and box toe together, and a flanged metal reinforcing piece applied to the inner surfaces of the outer sole and longitudinal extension.

4. A foot ball shoe comprising an upper, an outer sole having a longitudinal extension

bent up across the toe portion of the upper, and fastenings securing the said extension to the toe portion of the upper, the outer sole being provided also with lateral extensions bent up and united to the ends of the longitudinal extension.

5. A foot ball shoe comprising an upper, an outer sole having a longitudinal extension bent up across the toe portion of the upper, fastenings securing the said extension to the toe portion of the upper, and a flanged metal reinforcing piece applied to the inner surfaces of the outer sole and longitudinal extension.

In testimony whereof I have affixed my signature.

DANIEL J. GOLDEN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."