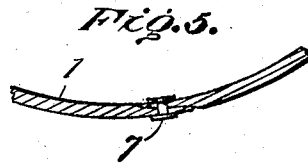
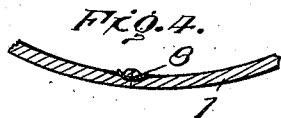
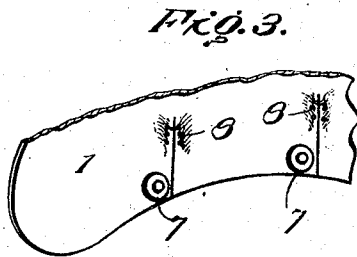
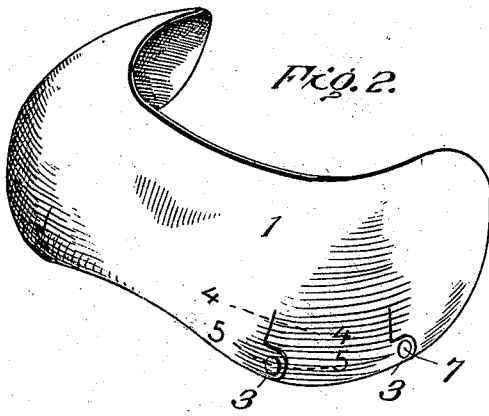
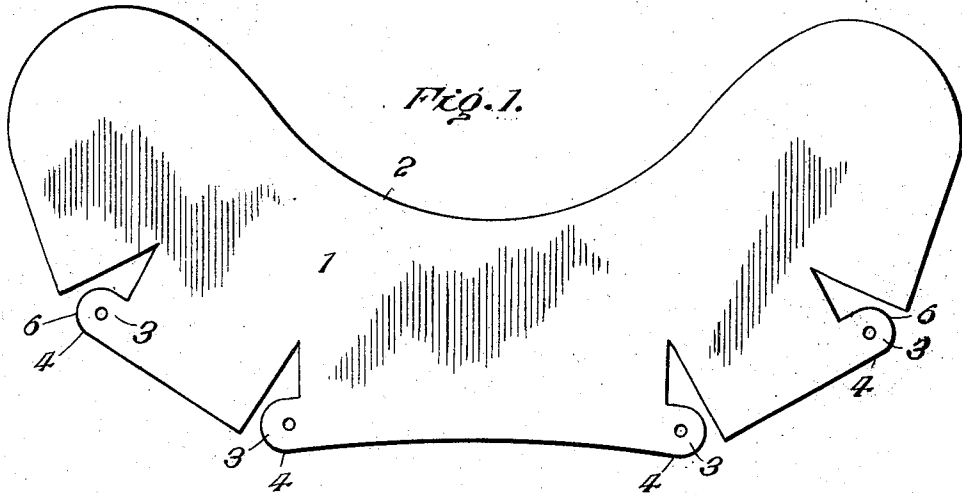


No. 858,272.

PATENTED JUNE 25, 1907.

J. FENNELL.
HORSE BOOT.

APPLICATION FILED MAR. 1, 1907.



Witnesses

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UNITED STATES PATENT OFFICE.

JOSEPH FENNEL, OF CYNTHIANA, KENTUCKY.

HORSE-BOOT.

No. 858,272.

Specification of Letters Patent.

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Application filed March 1, 1907. Serial No. 360,011.

To all whom it may concern:

Be it known that I, JOSEPH FENNEL, a citizen of the United States, residing at Cynthiana, in the county of Harrison and State of Kentucky, have invented certain new and useful Improvements in Horse-Boots, of which the following is a specification.

This invention has for its object an improved construction of horse boot, and the invention consists in certain constructions and arrangements of the parts as will be hereinafter described and claimed.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a view of my improved boot in blank form; Fig. 2 is a perspective view illustrating the complete article; Fig. 3 is an inner face view of a portion of the boot; and, Figs. 4 and 5 are detail sections on the lines 4-4 and 5-5 of Fig. 2.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In shaping a piece of leather so as to conform it to the shape of a horse's hoof or foot, it is necessary, when using a solid piece of leather to cut several gores in the edge of the leather and to draw the leather together at the gored portions, so as to give the boot the proper bulged shape. Heretofore considerable difficulty has been experienced with these gores, in that the working of the two fastened together edges, one upon the other when the boot is being used, results in breaking out or cutting the stitches, and the consequent rendering of the boot worthless, as the form which makes the boot useful is thus destroyed.

My present invention has to do particularly with an improved construction of gored boot, in which the gores are made in a peculiar manner, with the result that the boot will not tear apart nor the stitching become cut, thereby increasing the longevity of the boot and in resulting in the economic advantages.

Referring to the drawing, the numeral 1 designates a piece of leather forming the body of the boot, said piece or sheet 1 being cut so as to have a double reversely curved edge 2

which forms the upper and rear edges of the completed device.

Any number of gores may be used, according to the particular shape of the boot, and in the present instance, I have shown four. Each gore is produced by laying out an isosceles triangle on the outer edge of the sheet 1 and cutting out the leather within the margin of this triangle with the exception of a portion 3 which may be substantially of trapezoidal form, its base 4 coinciding with the base of the triangle, its one side edge coinciding with a portion of one leg of the triangle and its opposite edge being slightly rounded, if desired, as illustrated at 6. This forms a tab 3 within each of the triangles, and the leather is then drawn together so that the tab 3 overlaps the adjacent portion of the leather, being secured thereto by a rivet or the like member with the two side edges or legs of the triangular abutting against each other. The dihedral angle may be of any desired degree. In completing the device, the two drawn together edges of the cut are stitched as indicated at 8 from their apex down to the tab 3, the stitching drawing said edges together and extending through the leather from edge to edge, so as to form a "cupid" or curved surface which is reinforced and secured by the tab 3 being riveted as illustrated.

Having thus described the invention, what is claimed as new is:

1. As an improved article of manufacture, a horse boot embodying a single sheet of leather provided with gores resulting from cutting the leather at its edge with recesses of the shape of isosceles triangles, a portion of the leather within such triangle being riveted and constituting a tab riveted to the opposite portion of the cut.

2. As an improved article of manufacture, a gored horse boot, the gores of which result from cuts, the side edges of which form dihedral angles, the said side edges being drawn together and stitched for a portion of their length, and a tab projecting from one side edge of the gore and overlapping the other edge and to which it is riveted.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH FENNEL. [L. s.]

Witnesses:

JOHN FENNEL,
JOE FENNEL, Jr.