

(No Model.)

I. S. BREWSTER.

BOOT OR SHOE HEEL AND GUARD.

No. 318,446.

Patented May 26, 1885.

Fig. 1.

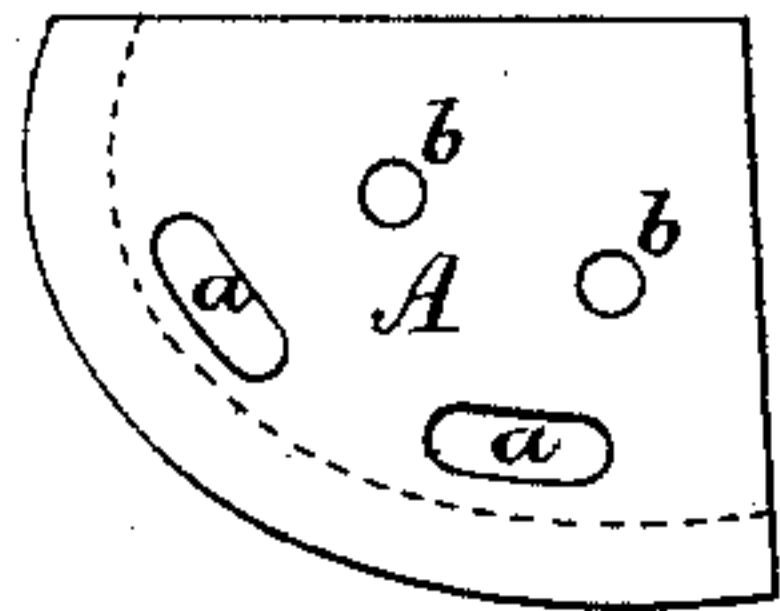


Fig. 2.



Fig. 3.

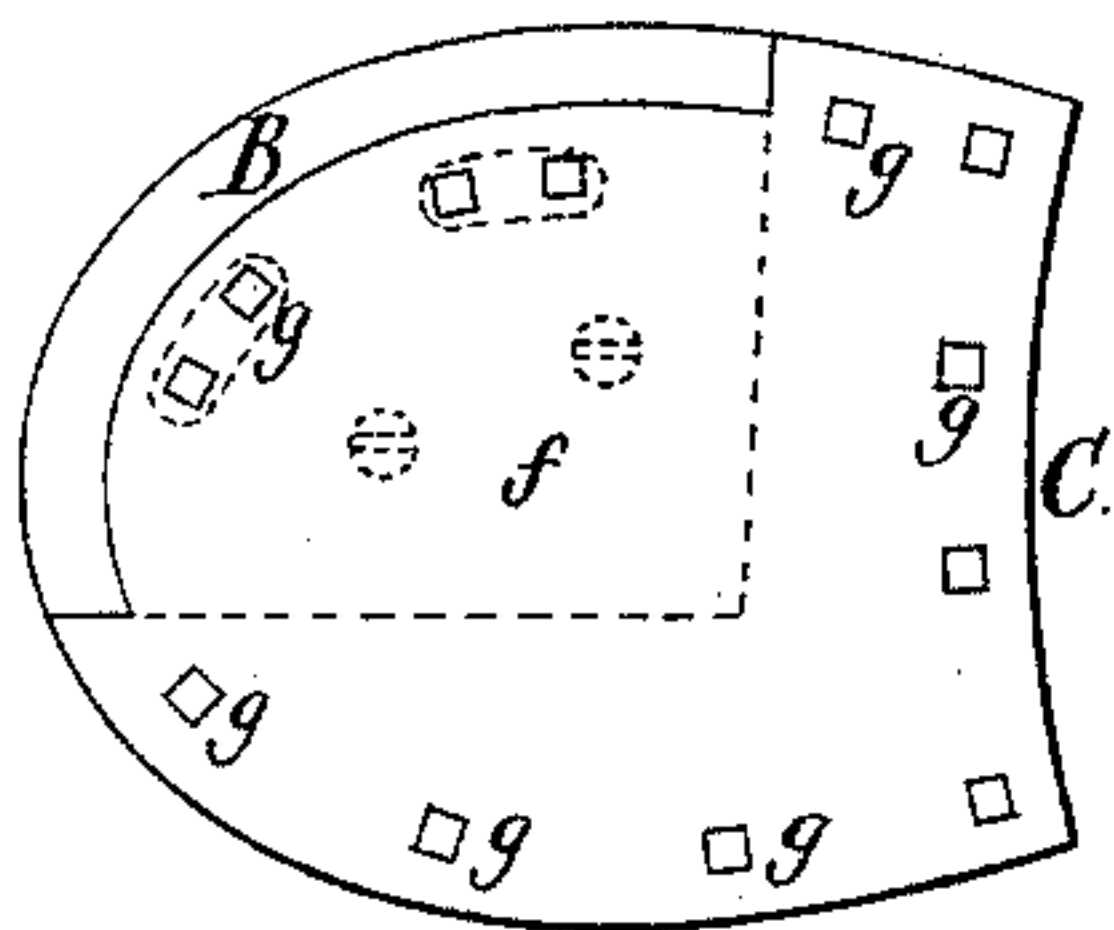


Fig. 6.

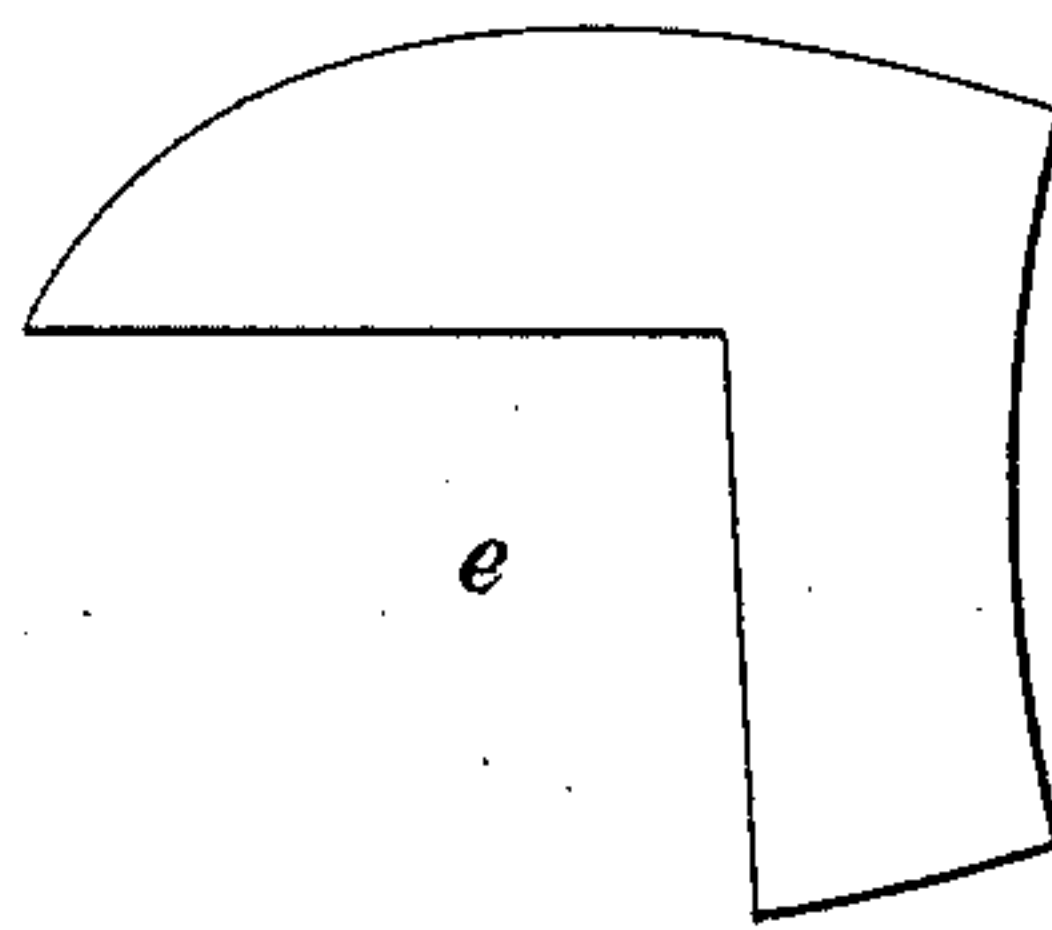


Fig. 4.

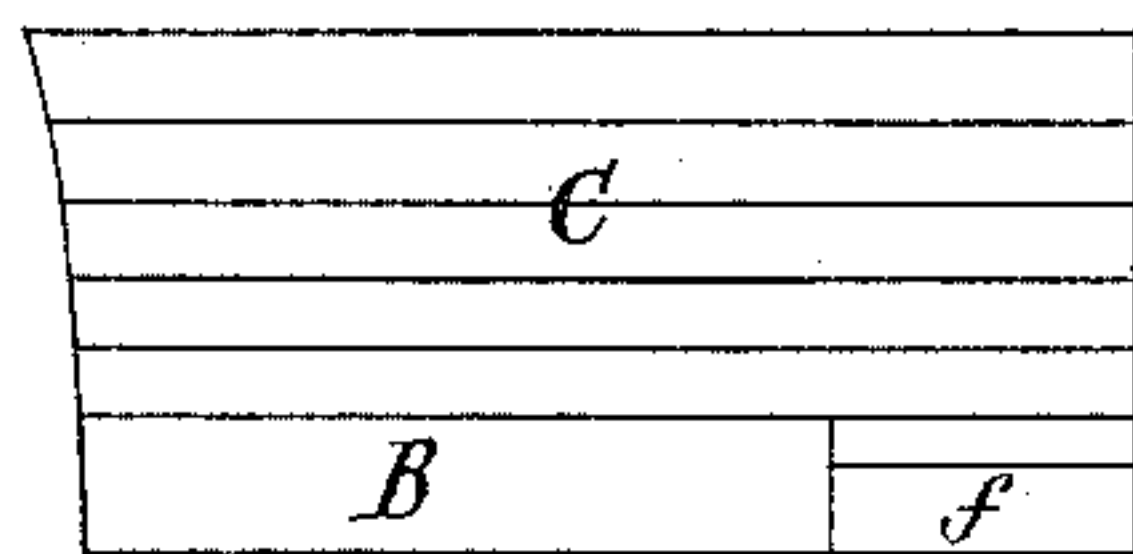


Fig. 7.

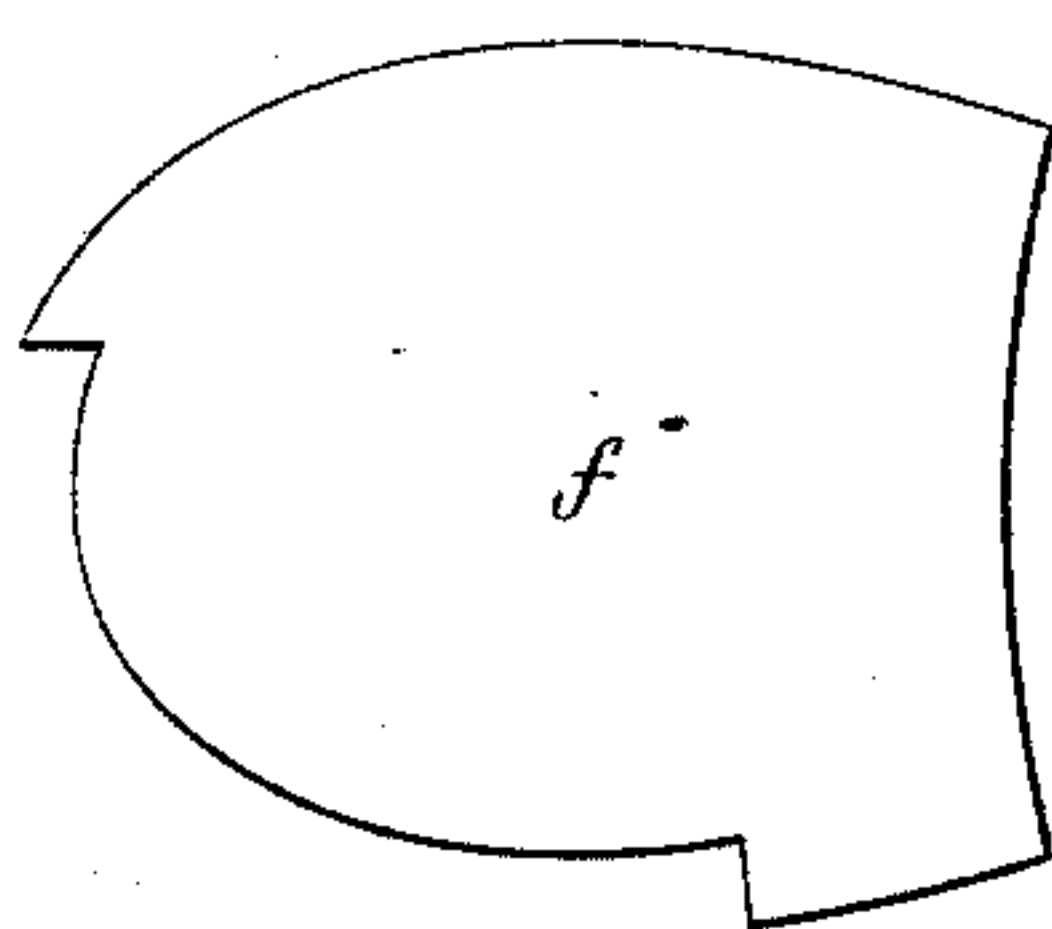
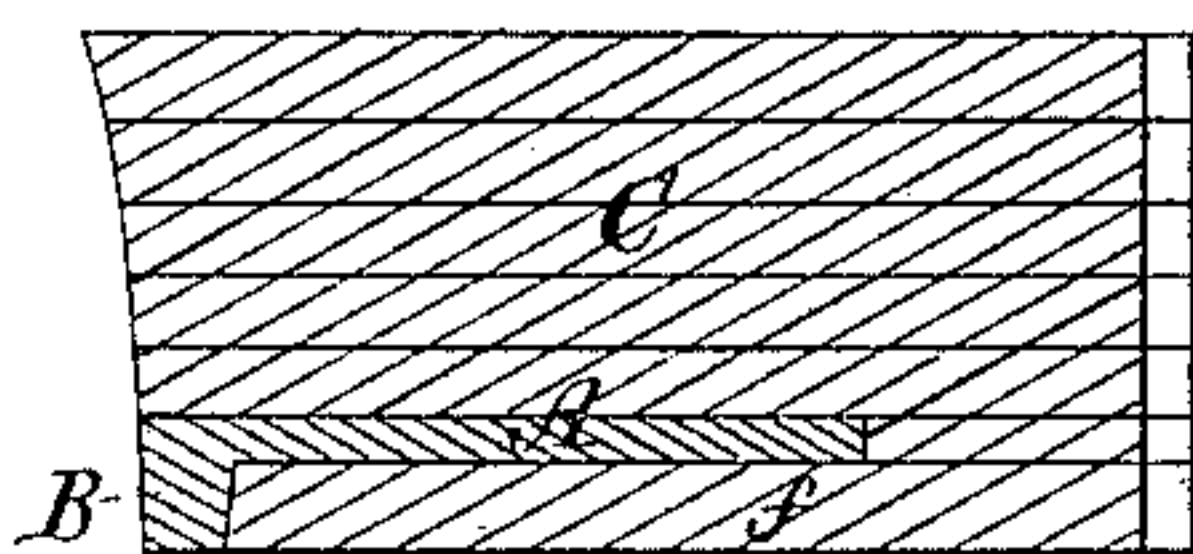


Fig. 5.



Witnesses.

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BOOT OR SHOE HEEL AND GUARD.

SPECIFICATION forming part of Letters Patent No. 318,446, dated May 26, 1885.

Application filed March 16, 1885. (No model.)

To all whom it may concern:

Be it known that I, ISAAC SMITH BREWSTER, of Dover, in the county of Strafford, of the State of New Hampshire, have invented a new and useful Improvement in Boot or Shoe Heels and Guards therefor; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a top view, and Fig. 2 an edge elevation, of a guard or heel re-enforce of my invention, the nature of which is defined in the claim hereinafter presented. Fig. 3 is a bottom view, Fig. 4 a side elevation, and Fig. 5 a longitudinal section, of a heel with the said guard applied to it. Fig. 6 is a top view of the heel-lift that is notched to receive the guard. Fig. 7 is a top view of the outermost lift of the heel and shows it as notched, as hereinafter explained.

The guard consists of a quadrantal plate, A, provided with a flange, B, projecting from one face of it at its periphery, the whole being of metal and in one piece, as represented. Furthermore, there are through the said plate, near the flange, two slots, *a a*, and besides these there are holes *bb* made through the said plate, and arranged as shown.

In applying the re-enforce to the heel C, such re-enforce is to be laid on the outer face of the last lift thereof, but two such being shown in Fig. 4. The re-enforce is to be fastened down upon the heel by means of screws or nails going through the holes *b* into the heel. Next, the last lift but one is to be quadrantly notched, as shown in Fig. 6, at *e*, to receive within it the plate A flush with it. Next, the outermost lift, *f*, is to be notched to receive the flange, and is to extend over the plate A and up to and against the said flange

at its inner periphery and ends. Such lift *f* is to be fastened to the heel by nails *g*, some of which are to go through such lift and the slots *a a* and into that part of the heel against which the back of the said plate may rest. The said re-enforce or guard is to prevent the heel from being run down or worn down on one side of it.

I am aware that it is not new to combine with a heel a metallic re-enforce to prevent it from being worn unevenly, and therefore I do not claim such.

I am also aware of the heel-protectors as made and applied to rubber boots in manner as represented in the United States Patents Nos. 250,972 and 255,672; and therefore I do not claim such protectors nor the manner of fixing them to shoes, as my invention does not relate to rubber shoes, but to shoes whose heels are composed of a series of lifts of leather.

I claim—

The combination of a re-enforce, as described, composed of a quadrantal plate having slots and holes in it, and also having a flange extending from it at its periphery, as set forth, with a shoe or boot heel composed of a series of lifts of leather, and having such re-enforce placed on and fastened to one lift and extending into a notch in another lift, and the latter lift and said re-enforce, except its flange, covered by the outermost lift of the heel notched to receive the flange, and fastened in place by nails driven through it, the said outermost lift and the re-enforce, and into the adjacent lifts, all as represented.

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Witnesses:

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