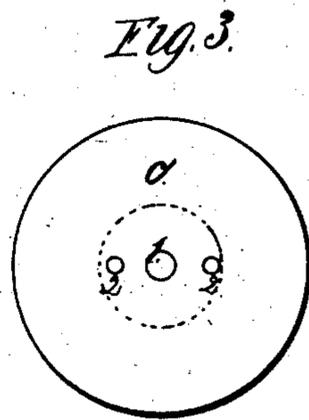
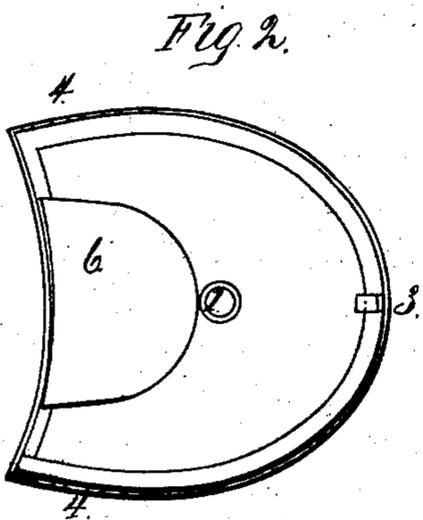
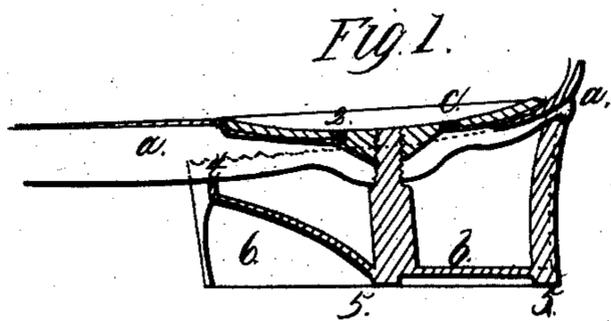


W. H. Peckham,

Shoe Heel,

No. 30,542,

Patented Oct. 30, 1860.



Witnesses;

Samuel W. Sewell.

Chas. Geo. Harrell
" " "

Inventor,

W. H. Peckham

UNITED STATES PATENT OFFICE.

WM. H. PECKHAM, OF HOBOKEN, NEW JERSEY.

HEEL FOR BOOTS AND SHOES.

Specification of Letters Patent No. 30,542, dated October 30, 1860.

To all whom it may concern:

Be it known that I, WILLIAM H. PECKHAM, of Hoboken, in the county of Hudson and State of New Jersey, have invented, 5 made, and applied to use a certain new and useful Improvement in Heels for Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description of the nature of my said invention, reference being had to the annexed drawing, 10 making part of this specification, wherein—

Figure 1, is a vertical section of said heel as fitted to a boot or shoe sole, Fig. 2 is a plan of the heel, and Fig. 3 is the nuts for 15 securing the same to the boot or shoe.

Similar marks of reference indicate the same parts.

The nature of my said invention consists in a hollow metallic heel with a screw and 20 nut by which it is firmly connected to the boot or shoe sole, said heel also being formed with serrations taking the leather to prevent the same from moving and with a cavity at the front part of the heel to prevent 25 injury by striking the pavement &c.

In the drawing *a*, represents a portion of the leather or other sole of a boot or shoe.

b is the metallic heel cast as shown with 30 the screw stud 1, passing through the sole *a*, and receiving the nut *c*, that may be turned by a wrench introduced in the holes 2, 2, so as firmly to compress the leather upon the upper edges of the heel *b*, and to prevent the metallic heel slipping off the

edge of the leather sole I provide the projecting spur 3, near the back of the heel, and 35 form notches or teeth at 4 4, which entering the leather hold the same securely.

The under side or tread of the heel is formed with a rim 5, that takes the wear and 40 also allows for introducing a cement of tar and sand or other material in the space between the flanges 5, 5, to deaden the noise of concussion between the heel and pavement or floor. 45

6, is a cavity formed in the forward and central part of the heel on the under side thereof to prevent the heel striking squarely upon any obstruction in walking.

My improved heel is strong light durable cheap and easily applied and does not 50 become loose on the sole from wear, and should the leather shrink or compress in wear, the nut *c*, can easily be tightened.

Having thus described my said improvement what I claim and desire to secure by 55 Letters Patent is—

The hollow metallic heel formed with the cavity 6, and connected to the boot or shoe by the nut *c*, in the manner specified. 60

In witness whereof I have hereunto set my signature this twenty seventh day of July, 1860.

WM. H. PECKHAM.

Witnesses:

LEMUEL W. SERRELL,
THOS. GEO. HAROLD.