

C. S. SIMCOE.
WEAR PEG FOR SHOES.
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1,280,882.

Patented Oct. 8, 1918.

Fig. 1

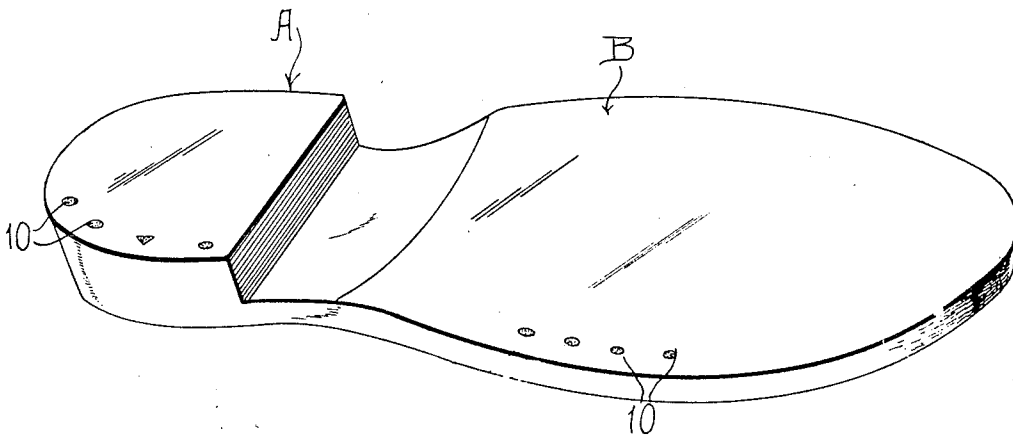
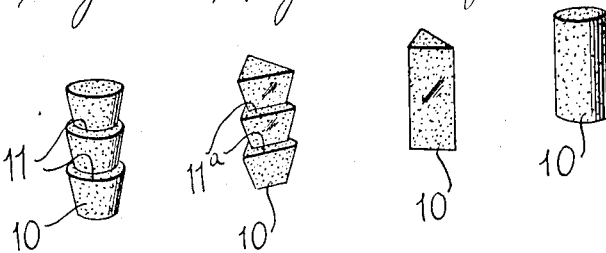


Fig. 3 Fig. 5 Fig. 4 Fig. 2



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WEAR-PEG FOR SHOES.

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To all whom it may concern:

Be it known that I, CARROLL S. SIMCOE, a citizen of the United States, residing at Allentown, in the county of Lehigh and State of Pennsylvania, have invented certain new and useful Improvements in Wear-Pegs for Shoes, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to boots and shoes, and particularly to means for preventing the running down of the heels or soles of boots and shoes.

The general object of the invention is to provide means for preventing any walking surface or tread surface of a shoe or boot from being run down, this means comprising pegs of relatively hard material inserted in the sole of the shoe or the heel of the shoe.

A further object is to form these pegs of material which has far greater wear resisting qualities than the usual metal pegs, and further to so form these pegs that they may be interlocked with the leather in which they are embedded.

Other objects will appear in the course of the following description.

My invention is illustrated in the accompanying drawings, wherein:—

Figure 1 is a perspective view showing the heel and sole of a shoe provided with my improved wear pegs; and

Figs. 2, 3, 4 and 5 are perspective views showing different forms of pegs.

Referring to these figures, it will be seen that I provide pegs adapted to be driven or otherwise forced into place within the heel A or sole B of a shoe, these pegs being formed of carborundum or emery. This material is particularly valuable for this purpose because of its hardness and wear resisting qualities. It is far harder and more wear resisting than metal, even hardened steel, and furthermore the ends of the carborundum pegs provide a surface which does not become so smooth by wear as not to resist sliding movement of the foot. The texture of the carborundum is such that these pegs act as hob nails, preventing the foot from slipping.

These pegs may be of any suitable form and I have illustrated in Figs. 2, 3, 4 and 5 various forms of pegs. In Fig. 2 the peg is circular in cross section and has a uniform diameter from end to end. In Fig. 3 the peg is circular in cross section but is formed with a plurality of tapering portions defining shoulders 11. In Fig. 4 the peg is shown as many-sided in cross section and specifically as triangular and in Fig. 5 the peg is illustrated as being triangular in cross section but provided with a plurality of shoulders 11^a. The pegs illustrated in Figs. 2 and 4 may have friction fit within the leather and thus caused to hold, but by having the shoulders 11 and 11^a the pegs are positively prevented from coming out after they have been driven in. It is obvious that the shape of the pegs may be modified in many ways.

While I have heretofore referred to carborundum, it is to be understood that in order that the wear pegs may be driven into the shoe, the carborundum is intended to be combined with metal. Thus, for instance, relatively soft metal may be used impregnated with carborundum or any other combination of metal and carborundum may be made. Furthermore, I do not wish to be limited to carborundum as emery might be used in place thereof, though it would not have the same wear resisting qualities as carborundum.

Having described my invention, what I claim is:—

1. The combination with the leather ground engaging element of a boot or shoe, of pegs embedded therein and formed of metal impregnated with carborundum.

2. A wear peg formed of metal impregnated with a wear resisting mineral.

3. A wear peg of metal impregnated with carborundum.

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

CARROLL SUMMERFIELD SIMCOE.

Witnesses:

GEORGE W. GRAFFIN,
T. M. SIMCOE.