

UNITED STATES PATENT OFFICE.

PRESTON WARE, JR., OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN PROCESSES OF CURRYING CALF-SKINS.

Specification forming part of Letters Patent No. **167,142**, dated August 24, 1875; application filed June 15, 1874.

To all whom it may concern:

Be it known that I, PRESTON WARE, Jr., of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Process of Currying Calf-Skins, of which the following is a specification:

This invention relates to leather for the manufacture of shoes, being particularly designed for the manufacture of leather which is to be made up into shoes having rubber gores, such as Congress gaiters and the like.

It has been found in practice that the oil or fatty material commonly employed in currying leather causes the gores to rot and become rapidly destroyed when such leather is made up into shoes having such gores.

The object of my invention is to obviate this objection; and to this end consists in currying the leather without oil or fatty matter, as hereinafter fully set forth.

In carrying out my invention, the skins are laid out in the usual manner, but without stuffing. The skins are then curried without the use of oil or other fatty stuffing, and are blackened or stained on the grain side, and "peb-

bled," diced, or otherwise finished. The skins may be laid out in the ordinary manner; but before stuffing the flanks or outside edges are trimmed off and curried, without being subjected to the stuffing process, and blackened or stained on the grain side, and finished as usual. The centers, being valuable for the manufacture of vamps and quarters, are stuffed and curried as usual.

By dispensing with the oil in currying, all liability of the gores to rot is avoided when such leather is made up, resulting in a much more durable shoe.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

As a new article of manufacture, leather curried, blackened, and finished without oil or other fatty stuffing, as and for the purposes herein set forth.

PRESTON WARE, JR.

Witnesses:

HENRY W. WILLIAMS,
E. H. OBER.