

# UNITED STATES PATENT OFFICE.

PHILIPP KROMER, OF FAIRVIEW TOWNSHIP, ERIE COUNTY, PENNSYLVANIA.

## IMPROVEMENT IN WATER-PROOF COMPOUNDS FOR LEATHER.

Specification forming part of Letters Patent No. **178,447**, dated June 6, 1876; application filed January 25, 1876.

*To all whom it may concern:*

Be it known that I, PHILIPP KROMER, of Fairview township, Erie county, State of Pennsylvania, have invented a certain compound called Water-Proof Boot-Grease, of which the following is a specification:

This invention relates to that class of compounds used to soften the leather of boots and shoes, and at the same time make the leather water-proof.

To prepare the water-proof boot-grease, take one quart of tanner's oil, one pint of neat's-foot oil, two pounds of tallow, two ounces of bees-wax, and two ounces of lamp-black. Melt first the tallow and wax together; then add the tanner's oil and the neat's-foot oil, and boil twenty minutes; then add the lamp-

black, and boil fifteen minutes longer; then pour off into vessels or tins to cool, and when cold it is ready to ship or use.

The neat's-foot oil and tanner's oil act on the leather, softening it. The tallow and bees-wax furnish the body or part of the composition that render the leather imperious to water, and the lamp-black keeps the leather black and prevents its becoming red.

I claim—

A compound, consisting of the ingredients above named in the proportions set forth, substantially as and for the purpose specified.

PHILIPP KROMER.

Witnesses:

CHRISTIAN SOHRER,  
M. E. DUNLAP.