

UNITED STATES PATENT OFFICE.

O. K. TRIPP, OF ROCHESTER, NEW YORK.

IMPROVEMENT IN OIL-BLACKING FOR LEATHER.

Specification forming part of Letters Patent No. 120,348, dated October 24, 1871.

To all whom it may concern:

Be it known that I, O. K. TRIPP, of the city of Rochester, county of Monroe and State of New York, have invented a certain new and Improved Oil-Blackening; and I do hereby declare that the following is a full and exact description thereof.

My invention consists in a combination of parts, in the proportions hereinafter named, which is especially applicable to harness and other leather where an elastic and pliable surface and a fine polish are required.

The formula is as follows: To one gallon of alcohol add one and one-fourth pounds gum-shellac, one-fourth pound gum-camphor, five pounds mutton tallow, and five pounds bees-wax. Agitate frequently until thoroughly mixed. Warm to blood heat one barrel of paraffine, neatsfoot, or tanners' oil, or a mixture of any of them, and add to this the compound before spoken of, and thoroughly agitate. Raise to nearly a boiling temperature; then add one gallon Castile soap diluted in warm water to about the consistency of soft soap; then add one and a half pounds of fine lamp-black.

In practice this oil-blackening has been found far superior to others for a similar purpose, owing to its penetration, great elasticity, its preservative qualities, and the full and enduring polish it presents.

I am aware that some of these substances have before entered into oil-blackening. Paraffine or equivalent oil forms the basis of all blackening. Lamp or bone-black is also used in all or nearly all to produce polish. These, broadly, I do not claim. The combining the other parts therewith constitutes the novelty of my invention. The

special object of the soap is to soften the grease of the harness-leather and remove the glaze, so that the oily elements may enter freely. It also cleanses from dirt. The alcohol, in addition to its dissolvent quality, serves as a vehicle to carry the oil into the pores, being very penetrating in its character. It also, in conjunction with the camphor, acts to prevent gumming. The camphor serves to retain the lampblack to preserve the polish. The shellac gives the hard or glazed surface to the polish. The tallow and beeswax serve simply to give body to the material and preserve the softness of the leather.

I am aware of the patent granted to B. F. Lightfoot, November 17, 1863, for treating tanned leather, in which is claimed the application to tanned leather of petroleum, holding paraffine in solution, in combination with tallow. I am also aware of his patent dated December 22, 1863, for improvement in coloring tanned leather, wherein he claims the application of petroleum, in combination with lamp-black, as a coloring for tanned leather. Such elements as above stated I do not broadly claim; but

What I claim as my invention, and desire to secure by Letters Patent, is—

The oil-blackening, composed of the materials in the proportion specified, and compounded in the manner herein set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

O. K. TRIPP.

Witnesses:

R. F. OSGOOD,
GEO. H. MIATT.

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