

UNITED STATES PATENT OFFICE.

EDWARD ZANE COFFEE, OF PHILADELPHIA, PENNSYLVANIA.

COMPOSITION FOR PRESERVING LEATHER.

SPECIFICATION forming part of Letters Patent No. 346,581, dated August 3, 1886.

Application filed April 20, 1886. Serial No. 199,510. (Specimens.)

To all whom it may concern:

Be it known that I, EDWARD ZANE COFFEE, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Composition of Matter to be Used for Softening and Adding to the Durability of Tanned Leather, of which the following is a specification.

My composition consists of the following ingredients combined in the proportions stated, viz: Use two kettles. First kettle—Eight and one-half gallons water, two pounds of gambier, one-half pound of beeswax, five pounds Glauber's salt, and one and one-half pound of lamp-black; boil until all are dissolved. Second kettle—Melt five pounds of beef-suet and strain it through a fine sieve; add three quarts of water and one pound (twelve ounces) concentrated lye; boil until well mixed; then add the contents of first kettle; boil slow; take from fire and add two gallons crude coal-oil; stir until cool; in bottling I use oil of cassia and alcohol, a few drops. The composition is nearly flameless.

The composition is applied to the grain or flesh side of the leather with a sponge or woolen rag. No previous preparation of the leather required. In finishing the flesh side the lamp-black is omitted. It softens old, hard leather, giving it pliability and durability, and is very useful in restoring, in a great measure, the leather quality of hard or worn leather belting, boots, or shoes, and leather harness, also in finishing tanned leather. Boots or shoes may be polished with the use of shoe-blackening after an application of the composition, receiving a bright polish.

What I claim, and desire by Letters Patent of the United States, is—

The herein-described composition consisting of water, gambier, beeswax, Glauber's salt, lamp-black, beef-suet, concentrated lye, and crude coal-oil, in proportions specified.

EDWARD ZANE COFFEE.

Witnesses:

JACOB LEWIS NEBINGER,
PHARON OLIVER DERR.