

UNITED STATES PATENT OFFICE.

MARTIN L. DEWEES, OF ELK CITY, AND WILLIAM W. GREEN, OF CAMBRIDGEBOROUGH, PENNSYLVANIA.

IMPROVEMENT IN LEATHER-STUFFING COMPOSITIONS.

Specification forming part of Letters Patent No. **209,800**, dated November 12, 1878; application filed November 13, 1877.

To all whom it may concern:

Be it known that we, MARTIN L. DEWEES, a resident of Elk city, Clarion county, State of Pennsylvania, and WM. W. GREEN, of Cambridgeborough, in the county of Crawford and State aforesaid, have invented a new and Improved Composition of Matter for Stuffing Leather in the process of tanning and finishing, which is fully described in the specification hereto annexed.

The object of our invention is to form or compound a stuffing for leather to be used in the process of tanning and finishing, which will be cheap, render the leather impervious to water or nearly so, and leave it soft and pliable at all temperatures.

In carrying out our invention, we take B. S. oil, which is a residuum found in oil-tanks after the oil has been drawn off, and is heavier than oil, and of different consistency at different wells or tanks. It is a product well known in market as "B. S. oil." Of this oil we take a given quantity and set it on fire. It is thereby burned until all the sulphur is consumed, leaving a pure carbonaceous residuum. The time

required for this process is longer or shorter according to the kind of oil. The process is considered complete when one gallon of the oil thus heated weighs about seven (7) pounds and seven (7) ounces. With this oil thus burned and heated, we mix seven (7) pounds of tallow to one (1) gallon of oil. These proportions would be then generally used; yet they might be varied to suit thin and thick leather and different temperatures without departing from the spirit of the invention.

We disclaim the process of refining the crude oil; but—

What we do claim as our invention is—

The herein-described compound, consisting of the heavy deposit or sediment found in petroleum-oil tanks, known as "B. S" oil, said oil having been subjected to burning in the open air, and tallow in proportion, substantially as and for the purpose specified.

MARTIN L. DEWEES.
WILLIAM W. GREEN.

Witnesses:

A. B. RICHMOND,
C. M. BOUSH.