

United States Patent Office.

B. F. GROSS, OF TRENTON, TENNESSEE.

Letters Patent No. 82,517, dated September 29, 1868.

IMPROVED TANNING-COMPOUND.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, B. F. GROSS, of Trenton, in the county of Gibson, and State of Tennessee, have invented a new and improved Tanning-Compound; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same.

This invention relates to an improvement in tanning leather, whereby the time usually consumed in the process is greatly lessened, and the expense of tanning otherwise reduced.

By the use of the proper ingredients, in combination with a reduced quantity of bark-liquor, or its equivalent, the process is reduced to what is understood as "quick tanning."

The chemical properties imparted to the liquor by such ingredients stimulate the action of the liquor upon the leather, and produce the desired effect in a short space of time.

In pursuing the occupation of tanning leather for many years, I have experimented largely, and endeavored to discover the ingredients which would have the desired effect upon the leather, without producing any injurious effect, and have ascertained that a compound from the ingredients hereinafter named is just what I have been seeking for.

I form a compound of the following ingredients, and in about the proportions named, and use it as described, viz:

Three pounds sal-soda.
Five pounds alum.
Five pounds Glauber salts.
Four pounds saltpetre.
One pound sal-ammonia.
Forty pounds salt.
Two pounds starch.
One pint oil of vitriol.
One hundred pounds sumac.

This compound is added to one vat of ordinary bark-liquor, or to the liquor of fifty pounds of japonica.

I claim as new, and desire to secure by Letters Patent—

The tanning-compound composed of the ingredients named above, and in about the proportions given, substantially as and for the purposes set forth.

The above specification of my invention signed by me, this 25th day of June, 1868.

B. F. GROSS.

Witnesses:

WM. JARRELL,
ZACH. BRIGGS, Jr., M. D.