

UNITED STATES PATENT OFFICE.

CHARLES T. HAYDEN, OF WHITESBOROUGH, TEXAS.

TANNING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 262,766, dated August 15, 1882.

Application filed May 4, 1882. (No specimens.)

To all whom it may concern:

Be it known that I, CHARLES T. HAYDEN, of Whitesborough, in the county of Grayson and State of Texas, have invented certain new and useful Improvements in Tanning Compounds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to compounds used in tanning hides, skins, &c.; and it consists in a compound composed of the ingredients hereinafter named, in the proportions specified: soft water, ten gallons; sulphuric acid, one ounce; terra-japonica, three pounds; leachings from horse-manure, one gallon; starch, one pound; dog-fennel, three pounds; leaf-tobacco, (cured,) three pounds; broom-weed, three pounds; common salt, five pounds. These ingredients, after being thoroughly mixed and commingled, will form a compound which will be adapted for tanning leather of all kinds.

I have found that by its use sheep-skins

may be so tanned as to equal buckskin in toughness and durability.

The principal advantage of the compound is that its action on the hides is speedy, only about one minute and a half being required to thoroughly tan light hides and from ten to thirty minutes to tan the heavier hides.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The herein-described compound for use in tanning, consisting of soft water, sulphuric acid, terra-japonica, leachings from horse-manure, starch, dog-fennel, cured leaf-tobacco, broom-weed, and common salt, in the proportions specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHARLES THOMAS HAYDEN.

Witnesses:

A. H. GARNETT,
E. D. KINSEY.