

UNITED STATES PATENT OFFICE.

JAMES BENJAMIN TOMPKINS, OF VANDERWOORT, ARKANSAS.

TANNING COMPOUND.

No. 849,440.

Specification of Letters Patent.

Patented April 9, 1907.

Application filed July 23, 1906. Serial No. 327,368.

To all whom it may concern.

Be it known that I, JAMES BENJAMIN TOMPKINS, a citizen of the United States, residing at Vanderwoort, in the county of Polk and State of Arkansas, have invented a new and useful Tanning Compound, of which the following is a specification.

This invention relates to compounds for tanning hides, skins, pelts, and the like, and has for its object to provide a compound or liquid bath adapted to receive the hides after the same has been subjected to the usual bating and depilating process.

The invention consists of a compound or solution formed of the following ingredients in the proportions stated, to wit: tannic acid or acidum tannicum, one pound; azedarach, or the bark of the tree known as the "Pride of China," one pound; gum-gambier, one pound; alum, one-half pound, and oil of cedar, two ounces.

In carrying the invention into effect the hides or pelts are first soaked in water until soft and then placed in a bating-bath consisting of one gallon of water containing approximately three pounds of lime and two and one-half ounces of bicarbonate of sodium.

The hides are allowed to remain in the bating-bath from three to fifteen hours, or until the hair becomes loose or slips, after

which the hides are subjected to the usual depilating process to remove the hair and subsequently placed in a bath of fresh water for approximately twenty hours, or until all trace of the lime and sodium is eliminated.

The tannic acid, azedarach, gum-gambier, alum, and oil of cedar are then placed in a suitable tank or vat containing two gallons of water and the hides or skins immersed in the solution and allowed to soak until thoroughly tanned, thereby producing a superior quality of leather.

Having thus described the invention, what is claimed is—

1. The herein-described compound the same consisting of tannic acid, azedarach, gum-gambier, alum and oil of cedar.

2. The herein-described compound the same consisting of tannic acid one pound, azedarach one pound, gum-gambier one pound, alum one-half pound and oil of cedar two ounces.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JAMES BENJAMIN TOMPKINS.

Witnesses:

L. H. J. BLOCK,
R. D. CRAWFORD.