

UNITED STATES PATENT OFFICE.

DAVIS J. COCHRAN, OF CENTREVILLE, INDIANA.

IMPROVEMENT IN COMPOUNDS FOR TANNING.

Specification forming part of Letters Patent No. 29,140, dated July 17, 1860.

To all whom it may concern:

Be it known that I, DAVIS J. COCHRAN, of Centreville, in the county of Wayne and State of Indiana, have discovered a new and useful Process of Tanning Hides; and I do hereby declare that the following is a full, clear, and exact description thereof.

I first prepare the hides by removing the hair in any of the known ways. Then handle them from two to four days in the following compound or solution: eight gallons of water, eight pounds of terra-japonica, sixteen pounds common salt, one-half pound of extract elder, two pounds saltpeter, one pound alum, one pound of aloes, one ounce of opium to every twenty hides. These ingredients being well mixed, the hides, as stated above, are placed in the solution which they form, and are worked in it from two to four days, according to the size of the hide.

If it is desired to color the hides a hemlock color, immerse them before putting them in the tanning solution in strong soda solution about thirty-six hours. Sixteen pounds of soda dissolved in sufficient water to immerse twenty hides is sufficient to color that number of hides.

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

The employment of the within-named ingredients, compounded in substantially the proportions herein specified, for the purpose of making a tanning-liquor, as is fully set forth.

DAVIS J. COCHRAN.

Witnesses:

BENJN. JAMISON,
ABEL EVANS.