

United States Patent Office.

IMPROVEMENT IN TANNING.

ALEXANDER HILL, OF DUBUQUE, IOWA.

Letters Patent No. 60,006, dated November 27, 1866.

SPECIFICATION.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ALEXANDER HILL, of Dubuque, in the county of , and State of Iowa, have invented a new and improved Tanning Process; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to fully understand and make use of the same.

My invention consists in a new and improved process of tanning hide, as will be presently described. The hides and skins are first subjected to the action of a liquid, of the following ingredients, and in about the proportions stated: Soot, say 1 lb.; sulphuric acid, 1 lb.; water, 20 gallons. The hides are kept in this solution about twelve hours, when they are taken out and worked lightly on the beam. After this they are subjected to the action of a liquid composed of the following ingredients, in about the proportions named: Bengal catechu, 10 lbs.; sal ammonia, 1 lb.; sufficient water being added to the above to enable the skins to be properly handled daily. This solution should be strengthened every other day by a small addition of catechu, and the hides should be kept in it about ten days, when they may be removed. By this process skins may be tanned in a very superior manner, and in a very short time.

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

The within mode of treating hides, substantially as specified.

The above specification of my invention signed by me this 4th day of September, 1866.

ALEXANDER HILL.

Witnesses:

D. E. EGAN.

ED. MOBLEY.