

United States Patent Office.

DAVID WHITELEY, OF PROVIDENCE, RHODE ISLAND.

Letters Patent No. 109,857, dated December 6, 1870.

IMPROVEMENT IN THE PROCESS OF SEPARATING THE HAIR FROM THE WARP IN HAIR-CLOTH.

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

I, DAVID WHITELEY, of Providence, Rhode Island, have invented a certain Process for Separating the Hair from the Warp in Hair-Cloth, of which the following is a specification.

Take of sulphuric acid one part and of soft water nine parts; mix well, and soak the hair-cloth in the liquid until the same is entirely saturated.

Then place the cloth in a dry-room or oven, and bring the heat gradually up to 130° Fahrenheit, at which degree the room or oven should be kept for thirty-six hours.

The fabric is then in condition to be run between draw-rollers, when the warp will fall away in the form of dust, and the hair be left entirely uninjured.

I do not claim the rollers, as any similar device will

accomplish the result; but my invention consists in the mixture of the ingredients and the degree of heat, as well as the length of time to which the cloth must be exposed to separate the hair and warp.

Claim.

What I claim as my invention is—

The process of applying sulphuric acid and heat to hair-cloth, for the purpose of separating the hair from the warp in hair-cloth, substantially as above described.

DAVID WHITELEY.

Witnesses:

J. ERASTUS LESTER,
WILLIAM H. COREY.