

UNITED STATES PATENT OFFICE.

JAMES ALEXANDER JAMIESON, OF MONTREAL, QUEBEC, CANADA.

PROCESS OF RAISING THE NAP OF CLOTH.

1,017,151.

Specification of Letters Patent.

Patented Feb. 13, 1912.

No Drawing.

Application filed August 20, 1909. Serial No. 513,880.

To all whom it may concern:

Be it known that I, JAMES ALEXANDER JAMIESON, of the city of Montreal, Province of Quebec, Canada, have invented certain new and useful Improvements in the Process of Raising the Nap of Cloth; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates particularly to the treatment of cloth to obliterate shiny surfaces, and it may be said briefly to consist in treating the shiny portion of the cloth with a substance adapted to cause a disturbance in the goods.

More specifically speaking the invention consists in impregnating the material with a chemical reagent and then adding a substance having the property of coacting with the chemical reagent and causing a reaction capable of disturbing the fibers of the goods.

In carrying out my method I prefer to employ an acid and a carbonate such as for instance an acetic acid and bicarbonate of soda, the bicarbonate being preferably in the form of a saturated solution and the acid of a strength sufficient to cause effervescence and take up or neutralize all the carbonate.

The shiny portion of the goods is impregnated with the bicarbonate solution, and the acid applied with a sponge or brush or in any preferred manner. The effect is that the generation of the gas within the fibers of the goods, due to the combining of the acid and carbonate, causes an effervescence to take place and dislodge the fibers packed by wear, which disturbance results in restoring the fibers to their normal condition

and completely obliterating the shiny surface.

A weaker carbonate solution than a full strength saturate solution may be employed, but under such conditions a greater quantity is required.

What I claim is as follows:—

1. In the treatment of cloth for raising the nap thereon, subjecting the affected portion of the cloth to a carbonate in solution and an acid.

2. In the treatment of cloth for the purpose of raising the nap thereon first impregnating the affected portion of the cloth with a carbonate in solution and then applying an acid thereto.

3. In the treatment of cloth for the purpose of raising the nap thereon first impregnating the affected portion of the cloth with a solution of bicarbonate of soda and then applying an acid thereto.

4. In the treatment of cloth for the purpose of raising the nap thereon first impregnating the affected portion of the cloth with a carbonate in solution and then applying acetic acid thereto.

5. In the treatment of cloth for the purpose of raising the nap thereon first impregnating the affected portion of the cloth with a solution of bicarbonate of soda and then applying acetic acid thereto.

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

JAMES ALEXANDER JAMIESON.

Witnesses:

WILLIAM P. McFEAT,
FRED. J. LEASE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."