

# UNITED STATES PATENT OFFICE.

WM. K. PHIPPS, OF FRAMINGHAM, MASSACHUSETTS.

IMPROVEMENT IN THE MODE OF ADDING NAP TO AND MAKING WATER-PROOF CLOTH CALLED TALIPAT CLOTH.

Specification forming part of Letters Patent No. 1,308, dated August 31, 1839.

*To all whom it may concern:*

Be it known that I, the undersigned, WILLIAM K. PHIPPS, of Framingham, in the county of Middlesex and State of Massachusetts, manufacturer, and a citizen of the United States of America, have discovered and invented a new and useful method, art, or process for making cloth impervious to water, in combination with adding a nap thereto, which cloth I call "talipat Cloth," of which invention the following is a true, full, and exact description.

I take a piece of cotton, linen, woolen, or other cloth, and, laying it on a table or other smooth and even surface, I apply to it with a brush or other suitable instrument a thin coating of liquid cement or composition in an even and uniform manner over its whole surface. The cement I use for this purpose and the one I consider to be the best is linseed-oil mixed by boiling with some kind of drier, as gum-shellac, red lead, and litharge, one pound of each to a gallon of the oil; or the oil may be used as a cement without any drier, in which case the cloths will be longer drying.

I usually color the cement of the same color as the nap is intended to be. Having thus applied the cement, I take the material for the

nap—viz, flock or the shearings of woolen cloth, the same that is cut off by the cloth-dressers in shearing the same or other description of material for nap—and scatter it evenly, by sifting or otherwise, over the surface of the cloth, and then let the cement dry. The cloth, when dried, may be dressed in the same manner as other cloths having a nap of similar description. I call it "talipat cloth." It forms an excellent and cheap material for the covering and lining of carriages, for storm-coats, and various other purposes.

What I claim as my invention, and ask a patent for, is—

The mode of adding nap to cloth, in combination with the mode of rendering the cloth water-proof, in the manner above described.

In testimony whereof I, the said WILLIAM K. PHIPPS, hereto subscribe my name, in the presence of the witnesses whose names are hereto subscribed, on this 13th day of August, A. D. 1839.

WM. K. PHIPPS.

Witnesses:

WILLARD PHILLIPS,  
RICH'D. ROBINS.