United States Patent Office.

FREDERICK BECK, OF NEW YORK, N. Y.

Letters Patent No. 60,672, *dated January* 1, 1867.

IMPROVED PROCESS FOR GLAZING PAPER.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, FREDERICK BECK, of the city, county, and State of New York, have invented a new and improved Process for Glazing Paper; 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 make and use the same.

This invention consists in treating paper with stearic acid, by applying the acid to it and then exposing it to the action of friction surfaces in such a manner that the surface of the paper is coated with a thin layer of said acid, imparting to it a fine gloss, and rendering it soft, white, and impervious to water. The stearic acid which I use in carrying out my invention is of that kind which is generally used in the manufacture of candles known as "adamantine" candles. Of this acid I spread a small quantity over the surface of the paper, and pass said paper through between friction-rollers of that class generally used in polishing fancy papers; or, simple polishing stones, or other friction surfaces, may be used to produce the desired effect. By the friction the stearic acid is spread in a thin, even layer over the surface of the paper, rendering said paper impervious to water, and imparting to it a soft and glossy appearance. This process is applicable particularly to paper intended for paper collars, because it renders the paper sweat proof and capable of being washed, and gives it a coat which is not deleterious to the health, and which has a soft feeling. The same process may, however, be applied to fancy papers and wall papers. Instead of stearic acid, paraffine may be used, either pure or prepared; and by using my process in the manufacture of white paper, the application of color is dispensed with, and consequently no color can come off.

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

The within-described process of treating paper with stearic acid, substantially in the manner and for the purposes set forth.

FR. BECK.

Witnesses:

WM. F. MCNAMARA,

W HAUFF.