UNITED STATES PATENT OFFICE.

GEORGE A. CONANT, OF LITTLETON, MASSACHUSETTS.

BLUING-PAPER.

SPECIFICATION forming part of Letters Patent No. 302,544, dated July 29, 1884.

Application filed September 5, 1883. (No specimens.)

To all whom it may concern:

Be it known that I, GEORGE A. CONANT, a citizen of the United States, residing at Littleton, in the county of Middlesex and Commonwealth of Massachusetts, have invented a new and useful composition and process for the rapid and economical manufacture of bluing of superior quality for laundry and other purposes, by applying the bluing more quickly than it has ever been done before to paper, and by making it more adhesive to paper and quicker to dissolve in water, and so more valuable and useful than any other similar preparation, which process is more fully set forth in the following specification.

In carrying out my invention, take eight pounds Prussian blue, one pound oxalic acid, five pounds granulated sugar, eighteen quarts of water, and the desired quantity of sheets of Manila paper of medium thickness. Dissolve the oxalic acid in five quarts cold water, and let it stand over night, or about twelve hours. Strain the acidulated water and mix with it eight quarts clear water. Then add the Prussian blue by stirring it in very slowly, and then, after it has stood an hour or more, strain into another vessel. Then dissolve the sugar in five quarts cold water by stirring both together. Then pour the sirup into the liquid containing the bluing, and stir the whole thoroughly. Then dip the paper, sheet by sheet, into the preparation, and hang them up to dry, and when dry cut into sheets of the desired size for packing in envelopes.

I am aware that bluing has before been so prepared as to be made to adhere to paper and dissolve in water; but it has been done by the slow and costly process of putting on with a brush some adhesive substance other than sugar to stick the bluing—some substance less soluble.

I claim as my invention—

As a new article of manufacture, bluing-paper consisting of paper saturated with a solution of Prussian blue, oxalic acid, and sugar, in the proportions and substantially as set forth.

GEORGE A. CONANT.

Witnesses:

CHAS. B. STONE,

DAVID T. KINSLEY.