

UNITED STATES PATENT OFFICE.

JOSEPH SCHNOBLE, OF NEW YORK, N. Y.

IMPROVEMENT IN PROCESSES OF PREPARING PAPER FOR POSTAGE AND REVENUE STAMPS.

Specification forming part of Letters Patent No. **171,871**, dated January 4, 1876; application filed December 1, 1875.

To all whom it may concern:

Be it known that I, JOSEPH SCHNOBLE, of the city, county, and State of New York, have invented a new and useful Improvement in Preparing Paper for Printing Postage-Stamps, Revenue-Stamps, and other similar articles, which improvement is fully set forth in the following specification.

This invention relates to the preparation, whereby the same is rendered particularly fit for the production of postage and revenue stamps.

In preparing paper for revenue-stamps I proceed as follows: I take woven tissue-paper and soak the same with a solution of beeswax in turpentine, so as to render the same transparent. This transparent paper I treat with a sizing compound, No. I, made of glue, sugar, glycerine, muriatic acid, and water. The proportion in which these ingredients are mixed together is to use about one part, by weight, of each of the various ingredients to ten or more parts of water; but this proportion depends, in a great measure, upon the quality of the various ingredients, and must be varied to suit circumstances.

After this sizing has been applied to one side of the paper, I apply to the same side thereof the composition No. II, of albumen, glycerine, and water, mixed together in suitable proportions—about one part, by weight, of albumen and of glycerine, and of two or more parts of water. The requisite design is then printed on the side of the paper which has been coated as above stated, and then I apply over the design a gumming compound of any suitable nature.

When this stamp is stuck to any surface, and an attempt is made to soften the same and to remove it, the design printed thereon separates from the paper, and the stamp is effectually destroyed. No stamps made according to my process can be used twice.

For stamps which are to be canceled, like postage-stamps, check-stamps, or stamps of a similar nature, I use tissue-paper, which, however, is not rendered transparent. I then apply to one side thereof the sizing compound No. I above stated, and on the same side of the paper I apply the composition No. II, of albumen, glycerine, and water, and then I print on the side of the paper coated with these compounds. The gumming compound is applied to the opposite side of the paper.

If a stamp made according to this process has been canceled, and an attempt is made to wash off the canceling-mark, the design printed on the stamp is destroyed.

I do not claim in this application a revenue-stamp or postage-stamp produced by my process, these articles being subjects of separate applications for patents; but I will here remark that stamps to be canceled can be made by coating the paper with the composition No. II alone, without first applying composition No. I; also, any other paper besides tissue-paper may be employed; but I prefer to use tissue-paper, as stated.

What I claim as new, and desire to secure by Letters Patent, is—

The method of preparing paper for printing postage or revenue stamps upon, consisting essentially of applying thereto a sizing compound of glue, sugar, glycerine, muriatic acid, and water, and then a composition of albumen, glycerine, and water, of about the proportions described, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 28th day of October, 1875.

JOSEPH SCHNOBLE. [L. s.]

Witnesses:

W. HAUFF,
EMIL RATH.