

UNITED STATES PATENT OFFICE.

SAMUEL CRUMP, OF MONT CLAIR, NEW JERSEY.

ART OF MAKING COLORED LABELS.

SPECIFICATION forming part of Letters Patent No. 227,960, dated May 25, 1880.

Application filed March 4, 1880. (Specimens.)

To all whom it may concern:

Be it known that I, SAMUEL CRUMP, of Mont Clair, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in the Art of Making Colored and Varnished Paper, Labels, &c., of which the following is a specification, reference being had to the accompanying specimens.

The invention relates to an improvement in the art of making colored and varnished or glossed paper, labels, show-cards, and other printed matter.

Heretofore in the manufacture of labels having a tinted ground and a polished or glossed surface it has been customary to first print or otherwise apply the colored ground; then, after the paper has become dry, to print the various colors of the label; and, finally, after the ink or color is dry, to give the label a coating of transparent varnish by running it through a varnishing-machine or applying it by hand. The label is then again dried, when it is ready for use. In the production of colored and glazed paper the usual process is to print or stamp the colored ground, and then, after drying, to apply the coating of varnish.

The method above described of preparing labels, &c., is objectionable, in that to produce a desirable article the label or sheet must be more frequently handled and dried, and, besides, it has been found that the colored ground often injuriously affects the colors of the label by detracting from their brilliancy or even altering their hue. To overcome these objections is the purpose of my invention, in practicing which I take a white or light-colored paper or card and print the various colors of the label upon it, and then, in order to give the colored ground and polished surface at one operation, I apply to the label or card a

coating of colored varnish of a shade or tint darker than the ground or part of the paper or card not covered by the design or other matter printed thereon. The effect is, that the light ground or uncovered part is colored effectually, presenting a not less desirable appearance than when the color is applied in the customary way.

The colored varnish is prepared by simply mixing the color with the plain varnish, the proportions being governed by the density or shade desired.

It will be readily observed that by my invention the labor and expense in printing and varnishing or glossing are greatly reduced, while the product for durability and brilliancy is fully equal to that produced by the old method of first printing or stamping the colored ground and afterward applying the coating of varnish or other glossing material.

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

The within-described process of producing labels and other articles having a colored ground and a polished or glossed surface, consisting in applying the design or lettering in colors upon a white or light ground, and then coating the article with tinted or colored varnish darker than the ground, substantially as specified.

In testimony that I claim the foregoing improvement in the art of making colored and varnished paper, labels, &c., as above described, I have hereunto set my hand this 28th day of February, 1880.

SAMUEL CRUMP.

Witnesses:

P. S. TRUESDELL,
D. J. RIKER.