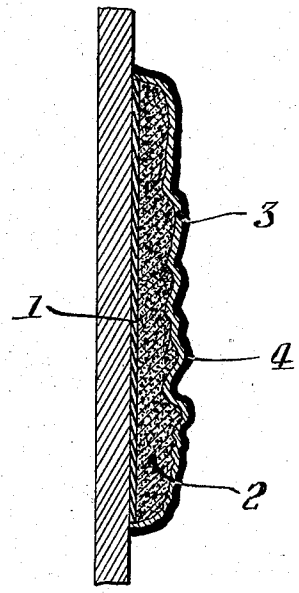
G. M. FERGUSON.

MANUFACTURE AND PAINTING OF SIGNS, LETTERS, AND DESIGNS.

APPLICATION FILED SEPT. 19, 1906.

911,033. Patented Feb. 2, 1909.



Witnesses:

Eugene W. Sliney.

C. Facompresz

George M. Ferguson.
Inventor,

By Marion & Marion

Attorneys

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE M. FERGUSON, OF AMHERST, NOVA SCOTIA, CANADA.

MANUFACTURE AND PAINTING OF SIGNS, LETTERS, AND DESIGNS.

No. 911,033. Specification of Letters Patent. Patented Feb. 2, 1909.

Application filed September 19, 1906. Serial No. 335,281.

To all whom it may concern:

Be it known that I, GEORGE M. FERGUSON, of Amherst, in the county of Cumberland, Province of Nova Scotia, Canada, painter, having invented certain new and useful Improvements in the Manufacture and Painting of Signs, Letters, and Designs, do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to the manufacture of signs, designs, &c.

The object of my invention is to provide a method for making signs with raised letters, which have clean cut edges and a roughened or nugget-like appearance.

A more specific object is to provide a method for forming letters and designs from plastic material, and for afterwards finishing them in a suitable color; and, my invention consists of the steps herein described and claimed.

In order to more clearly disclose the process forming the subject of the present application, reference should be had to the accompanying drawings, which show a section through a finished letter made according to the process. This drawing shows clearly each successive step in the process.

In the drawing, the numeral 1 indicates adhesive enamel which is applied to a suitable base, as the first step.

2 indicates the plastic composition, the application of which constitutes the second step.

3 indicates the copal enamel which is applied as the third step of the process, and 4 indicates a coating of color which is applied as the last step of the process.

To carry into effect my invention, a suitable base, such as wood, glass, fabric, perforated metal, or any other material, is provided. A stencil is formed of the dimensions and contour of the letter which it is desired to make, and this stencil is laid on the plates. A coating of enamel is applied through the stencil, and said enamel preferably comprises three parts copal varnish, one part C. P. brown japan, and one-fourth part white lead. After being so applied, this coating of enamel is permitted to dry. After the coating of enamel is dry, the stencil is again placed over the design outlined by the enamel, and a plastic composition is applied thereto through the stencils. The plastic composition preferably is composed of one-half part refined cement, one part plaster of paris, two parts Church's alabastine, and one-third by bulk of water. After applying the plastic composition, a rough mold, of the contour which it is desired that the letters should take, is applied to the plastic composition with about twenty pounds of pressure to the square inch. This forms the plastic composition into the desired shape to give the raised or roughened effect. After the plastic composition is sufficiently dry, the stencil is again applied over the design thus formed, and a coating of clear copal enamel, of the same composition as hereinbefore described, is applied, and permitted to harden.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:

1. The herein described method of making signs, which consists in applying through a stencil an adhesive enamel, applying a plastic composition through a stencil to the outline formed by the enamel, applying pressure to the plastic composition to give a desired shape, applying a coat of enamel to the composition, and applying a finishing coat of color.

2. The herein described method of making signs, which consists in applying through a stencil an adhesive enamel composed of copal varnish, brown japan and white lead, applying a plastic composition through a stencil to the outline made by the enamel, applying pressure to plastic composition, applying a coating of enamel to the composition, and applying a finishing coat of color.

3. The herein described method of making signs, which consists in applying through a stencil an adhesive enamel composed of copal varnish, brown japan and white lead, applying a plastic composition through a stencil to the outline made by the enamel, which composition is composed of refined cement, plaster of paris, alabastine, and water, and finishing in color the design thus formed.

4. The herein described method of making signs, which consists in applying through a stencil an adhering enamel, applying a plastic composition through a stencil to the outline made by the enamel, applying a mold under pressure to the plastic composition, and finishing the design thus formed in color.

5. The herein described method of making signs, which consists in applying through a

stencil an adhering enamel, applying through a stencil a plastic composition to the outline made by the enamel, applying pressure to the plastic composition, applying a coating of clear enamel through a stencil to the composition, and finishing the design thus formed in color.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

GEO. M. FERGUSON.

Witnesses:
I. H. MOFFAT,
W. M. MANNING.