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J. D. VOSS ET AL

1,576,562

EMBROIDERY

Filed Sept. 23, 1925

Fig. 1.

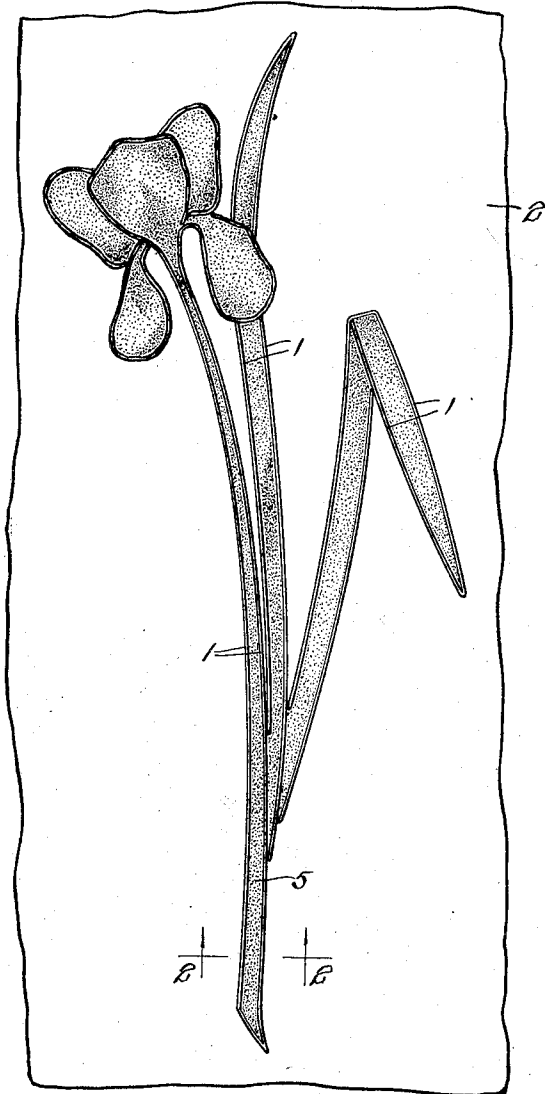
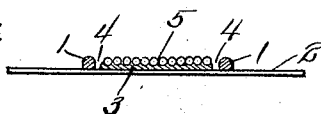


Fig. 2.



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UNITED STATES PATENT OFFICE.

JACOB D. VOSS AND SERGE URY, OF CHICAGO, ILLINOIS.

EMBROIDERY.

Application filed September 23, 1925. Serial No. 58,004.

To all whom it may concern:

Be it known that we, JACOB D. VOSS, formerly a resident of Russia, and a subject of the Czar of Russia (not now a citizen of any country), residing at Chicago, in the county of Cook and State of Illinois, and SERGE URY, formerly a resident of Russia, and a subject of the Czar of Russia (not now a citizen of any country), residing at Chicago, county of Cook, State of Illinois, have invented new and useful Improvements in Embroidery, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

Our invention relates to embroidery.

This application, so far as concerns common subject matter, is a continuation of my copending application Serial No. 48,696, filed August 7, 1925.

Some difficulty has been experienced in effecting a permanent flexibility and water proofing of the embroidery and although the materials used for a foundation were of that consistency, still, in unwarranted time, the design would crack and the beads fall off.

With this in mind, we have found by experiment that by using the same method of procedure as described in the above mentioned application but with a foundation material of a different composition, the results are far more satisfactory.

One of the objects of our invention is to provide a beaded embroidery which will be artistic in appearance, flexible and waterproof, yet durable, and which may also be readily cleaned.

A further object of our invention is to provide an improved flexible waterproof foundation of adhesive material to which the glass beads are applied.

Other objects and advantages will be apparent from the following description which reads in connection with the accompanying drawing forming a part thereof.

In the drawings:

Figure 1 is a face view of a piece of fabric showing our embroidery thereon; and

Fig. 2 is a section on the line 2—2 of Fig. 1.

By means of a paste filled tube, we outline the design shown in Fig. 1. The paste, the composition of which will be described

hereinafter, may be squeezed from this tube in the form of thread or ribbon 1, the tube being moved along above the surface of the cloth or other fabric 2 to cause the ribbon as squeezed from the tube to outline the pattern which is to be filled in afterward. Previous to the application of the ribbon paste, the outline of the pattern may be indicated on the fabric in any suitable manner as by the use of powdered material applied through a perforated stencil.

While this paste ribbon outline is still sticky, an ornamental coating of any desired material, such as bronze powder, may be dusted over the pattern. A coat of this bronze dust will adhere to the sticky ribbon. The pattern thus outlined is allowed to dry for a sufficient time to allow the paste ribbon to harden and become non-adhesive, after which any of the bronze dust which has not adhered to the paste ribbon may be brushed off.

The next step is to fill in inside of the hardened ribbon outline with a suitable foundation material 3, which material may be the same as that used in the ribbon. This filled in foundation may be applied by squeezing the paste from a tube and spreading it out by means of a brush. It is preferable to leave a slight space between the outer edge of this filled in foundation and the ribbon outline. As soon as this filled in foundation is completed, while it is still sticky, it may be colored in any suitable manner and design as by the application of oil paint to give the desired color effect. The layer of glass beads 5 is then applied, while the filled in foundation is still sticky. These beads may be applied simply by covering the design with a pile of the beads and shifting this pile around until all parts of the pattern have been covered. The pile of beads may be shifted around simply by lifting up first on one part of the fabric and then another until all parts of the pattern are covered with a layer of the beads.

We have discovered that a foundation material suitable for the purpose is obtained by mixing a vehicle comprising approximately 85% fir seed oil and 15% of turpentine with a pigment comprising approximately 2.44% white lead and 97.56% lithopone in proportion of 19% vehicle and 81% pigment. This foundation results in a beaded embroidery which is flexible and water-

proof so that the design does not crack and the beads do not drop off when the embroidery is cleaned.

5 Almost any cleaning liquid may be used without injuring the material in any way.

Having described our invention, what we claim as new and desire to secure by Letters Patent of the United States is:

10 1. The combination with a flexible fabric of a flexible waterproof beaded embroidery thereon, comprising a plastic adhesive foundation and a layer of beads applied thereto, said adhesive foundation comprising a vehicle and a pigment, the pigment being the
15 predominate part of said foundation, said vehicle containing fir seed oil and oil of turpentine, the fir seed oil being the predominant part of said vehicle, said pigment containing white lead and lithopone, the litho-
20 pone being the predominant part of said pigment.

2. The combination with a flexible fabric

of a flexible waterproof beaded embroidery thereon, comprising a plastic adhesive foundation and a layer of beads applied thereto, 25 said adhesive foundation comprising approximately 19% vehicle and 81% pigment, said vehicle containing approximately 85% fir seed oil and 15% oil of turpentine, and said pigment containing approximately 30 2.44% white lead and 97.56% lithopone.

3. The combination with a flexible fabric of a flexible waterproof beaded embroidery thereon, comprising a plastic adhesive foundation and a layer of beads applied 35 thereto, said adhesive foundation comprising a vehicle and a pigment, the pigment being the predominant part of said foundation, the predominant part of said vehicle being fir seed oil. 40

In witness whereof, we have hereunto subscribed our names.

JACOB D. VOSS.
SERGE URY.