

# UNITED STATES PATENT OFFICE.

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METHOD OF PRODUCING TRANSFERABLE EMBROIDERY-PATTERNS.

SPECIFICATION forming part of Letters Patent No. 277,665, dated May 15, 1883.

Application filed April 19, 1882. (Specimens.)

*To all whom it may concern:*

Be it known that I, MOLLIE E. BINGAMAN, a citizen of the United States, and residing in the city and State of New York, have invented certain new and useful Improvements in Embroidery-Patterns, of which the following is a specification.

My invention relates to transferable relief embroidery-patterns, formed after copies or direct from nature, adapted to be transferred from one surface, fabric, or object to another at will, without injuring such surface or the pattern itself, the same being specially designed for the ornamentation of articles of female wearing-apparel, also for lambrequins, screens, work-boxes, wall-pockets, and other fancy articles; and it consists in the special method of constructing the embroidery patterns or designs for such purposes as described.

In carrying out my said invention for the production of raised patterns in bas-relief, or low relief, and in demi or half relief, I first provide a stretcher-frame carrying a sheet of illusion or netting of silk, or other suitable light material or fabric. I then form or model the flower, stem, leaf, or other desired figure or design in raw cotton, cotton-batting, wool, or analogous fibrous material, and attach the said form or pattern to the net foundation by basting. I then cover the said pattern with embroidery worked in any well-known stitch and manner, and with any of the usual materials used in the art of embroidery. I then remove the embroidery form or pattern from the supporting-sheet on the work-frame by cutting the netting under and a little within the outlines of the embroidered form, and then complete the work by turning in the ragged edge of the embroidered design or object and securing it to its net foundation by paste or other cement.

For the production of transferable embroidery-patterns in alto-rilievo, or high relief, I proceed as follows: I first form or model the flower, leaf, or other design in raw cotton, cotton-batting, or analogous fibrous material upon a cord or chenille wire frame, as a core. I then surround this core with pieces of sheet-netting, attaching the same by means of paste. I then cover said form with embroidery worked

in any well-known stitch and manner, and with the usual materials used in the art of embroidery.

In the formation of the stems of artificial flowers in high relief I employ cord or wire as a foundation, modeling the raw fibrous material around the same to the desired size, and then winding the embroidery-silk around the whole; the principle of my invention, be it understood, in all the instances of production hereinbefore mentioned, whether in high or low relief, being the employment of and the method of using the raw fibrous material in the formation of the particular design, pattern, or object, as the foundation and support for the embroidery covering.

Having described my invention and the manner of carrying the same into practice, what I claim as new, and desire to secure by Letters Patent, is—

1. The method of producing transferable embroidered patterns or designs in relief, which consists in providing, in the first instance, a stretcher-frame carrying a sheet of illusion or netting of silk or other like material, then forming or modeling the flower, stem, leaf, or other desired design in raw cotton, cotton-batting, wool, or analogous fibrous material, then attaching the same to the net foundation by basting, then covering the same with embroidery-threads in any well-known manner and stitch, then removing the embroidered form or pattern from the work-frame by cutting out the supporting netting under and a little within the outline or edge of the embroidered form, and then completing the work by turning under and securing the ragged edge of the embroidery to its net foundation by paste or other suitable cement, substantially as and for the purpose described.

2. The method of producing transferable embroidery patterns or designs in high relief, which consists in first forming the design in raw cotton, cotton-batting, wool, or analogous fibrous material, then applying pieces of netting around the same, and then covering the said pattern or object upon all sides with embroidery-threads in the usual way and in any well-known stitch, substantially as and for the purpose described.

3. As an improvement in the art of embroidery and in the production of transferable relief embroidery-patterns, the employment of raw cotton, cotton-batting, wool, or analogous fibrous material for the forming and modeling of the flower, leaf, stem, or other desired pattern, design, or object, as a foundation, and cover-

ing the same with embroidery-threads, substantially as and for the purpose described.

MOLLIE E. BINGAMAN.

Witnesses:

E. G. DELANEY,

WM. J. McGRANAHAN.