

(No Model.)

W. C. MAYNARD.
EMBROIDERY HOLDER.

No. 570,940.

Patented Nov. 10, 1896.

Fig. 1.

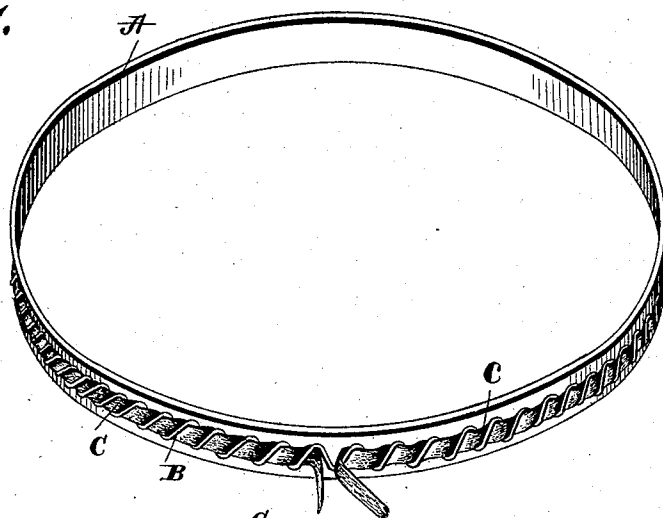


Fig. 2.

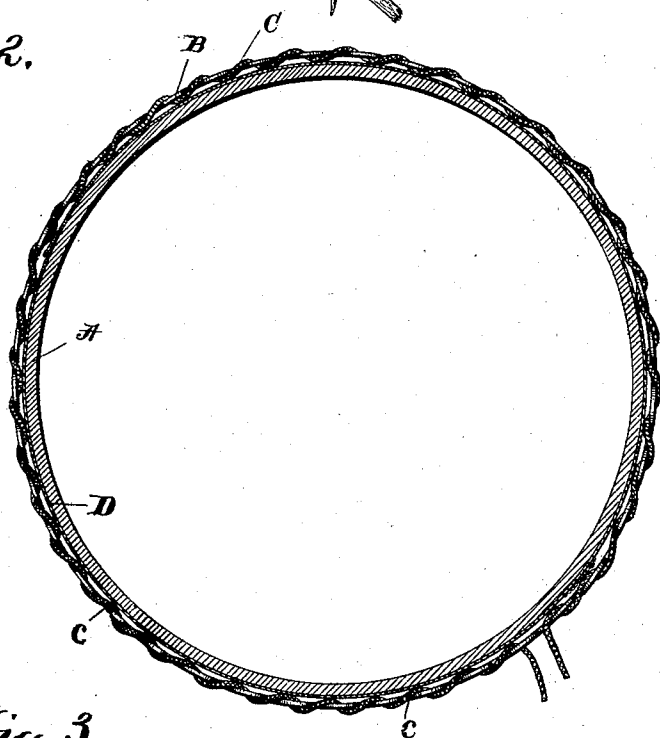
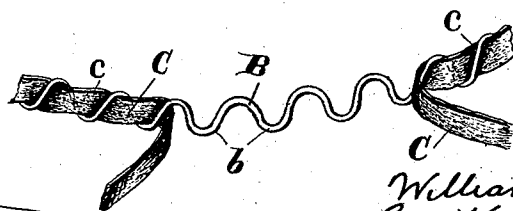


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

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EMBROIDERY-HOLDER.

SPECIFICATION forming part of Letters Patent No. 570,940, dated November 10, 1896.

Application filed April 27, 1896. Serial No. 589,187. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. MAYNARD, a citizen of the United States, and a resident of Canton, county of Stark, State of Ohio, have invented a new and useful Improvement in Embroidery-Holders, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification.

My invention relates to an embroidery-holder, and more particularly to that class of holders comprising a ring and an encircling band, between which and the ring the fabric to be embroidered is adapted to be clamped.

Heretofore, to a great extent, difficulty has been experienced in slipping the band upon the ring after the fabric has been placed upon the same, for the reason that the fabric often folds at different points around the ring, or previously-embroidered parts of the fabric lie at these points, thus increasing its thickness to such an extent as to render it impossible to slip the band in position. To avoid these difficulties, it is necessary for the person to exercise great care and pains in placing the fabric, which necessarily consumes considerable time which might otherwise be saved, thus presenting new objections. To avoid these objections, several expedients have been resorted to, the more common one being to secure the material to the ring by an ordinary rubber band, which must be pinned to prevent slipping.

Another expedient not so commonly resorted to as the rubber band is the employment of spring-bands of various forms, principally bands made of coil-wire which have sufficient longitudinal elasticity to stretch and accommodate themselves to the folds and the embroidered parts of the goods. These bands, while overcoming the main objections, are found to give rise to new objections, first, in that they very often mark and damage the goods where they come in contact with the same, and particularly so where it is found necessary to force the band with considerable pressure over folded or embroidered portions of the goods, and, secondly, the spring-band requires an inner band of special construction with which to cooperate.

To overcome all of these objections is the object of my invention, and to this end the

invention consists of certain features of construction and combination of parts which will be hereinafter fully described and claimed. 55

Figure 1 is a perspective view of my improved embroidery-holder. Fig. 2 is a transverse sectional view of the same with the work clamped in position to show the position of ring, band, and braid with respect to the work; and Fig. 3 is a detail perspective view of the band, showing one end of the braid removed from the band to more clearly illustrate the manner of engaging the braid therewith. 60

In the drawings, A denotes the ring, B the band, and C the flexible cord or braid. 65

The ring may be of the usual form, and, as shown, is a simple wooden annulus.

The band B is composed of wire which may or may not have a small degree of elasticity, and is provided with open loops *b* by crimping the wire vertically, as shown. These loops are arranged in the form of a true circle, thus extending parallel with the ring A about which it is clamped. 70 75

The cord or braid C is engaged with the ring, as shown in the drawings, by lacing it through the loops, each of which forms a kink *c* in the cord, which bears against the fabric, (designated in Fig. 2 of the drawings by letter D.) The ends of the cords may be free, as shown, and may be of sufficient length to permit them to be grasped for the purpose of taking up any stretch in the band. If the band is made of elastic wire, this will not be absolutely necessary, as the elasticity of the band will in a measure be sufficient to draw the loops together. I, however, prefer to employ the cord or braid in the manner described and illustrated. 80 85 90

In using the embroidery-holder the material is placed over the ring and the band clamped around it, as shown in Fig. 2, it being noticed that the band does not contact with the material at a single point, but on the other hand is held free from the same by the kinks *c*, which firmly clamp the fabric in place to the ring, and thus prevent its being stained or damaged. Should there be a fold in the fabric or should a previously-embroidered portion thereof happen to be at a point where the work is clamped to the ring, (in Fig. 2 I have shown both fold and previously-em- 95 100

broidered portions clamped between the ring and band,) the band will stretch to accommodate itself to the increased thickness of the goods and will hold the work just as effectively as if it were perfectly smooth at all points around the ring. Should the band in the course of time become stretched to such an extent as to be too loose, this may be remedied by drawing on the ends of the cord or braid or by removing the latter and compressing the loops of the band closer together.

An embroidery-framing thus constructed is useful, simple, and comparatively inexpensive of production and will be found to be invaluable to workers of embroidery.

Throughout the specification I have referred to the ring and band as being circular in form, but I would have it understood that they may be of any desired form in outline without departing from the spirit of my invention. It should therefore be understood that where the word "holder" appears in the claims that I consider as falling within the meaning of that word a frame of any construction capable of receiving the material to be embroidered and which will permit of a clamping-band being engaged therewith for the purpose of holding the material in position.

What I claim is—

1. An embroidery-frame comprising a holder, a clamping-band formed with loops

and a cord or braid laced through said loops and provided with kinks to engage the work and prevent the band coming in contact therewith.

2. An embroidery-frame composed of a holder, a clamping-band having vertical loops the inner sides of which extend parallel with the holder, and a cord or braid laced through said loops and formed with kinks to engage the work placed upon the holder.

3. An embroidery-frame comprising a holder, a clamping-band formed with loops, and a cord or braid laced through said loops and formed with kinks and having free ends by which the band may be tightened about the holder.

4. In an embroidery-frame, a clamping-band having its interior face provided with a fabric whereby the band when in use will not be brought into contact with the work.

5. In an embroidery-frame, a clamping-band formed with vertical loops and a cord or braid laced through said loops around said band and formed with kinks to engage the work.

In testimony whereof I have hereunto set my hand this 10th day of April, A. D. 1896.

WILLIAM C. MAYNARD.

Witnesses:

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BURT A. MILLER.