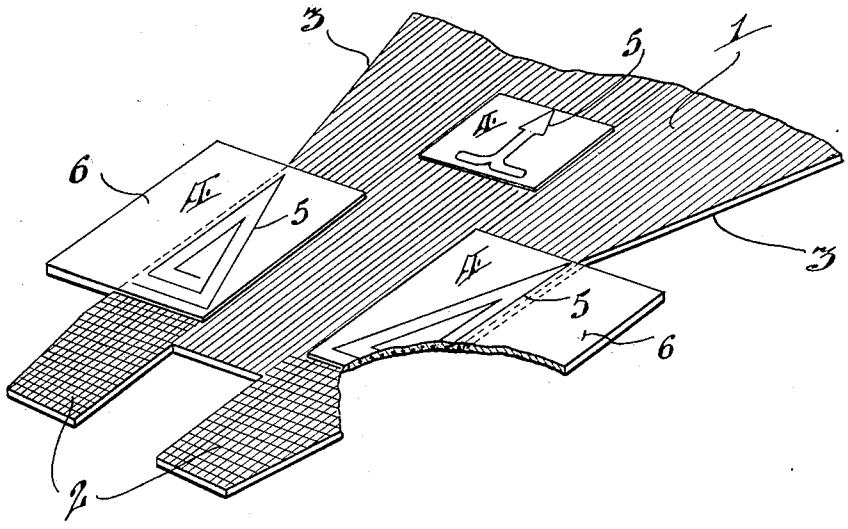
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METHOD OF EMBROIDERING

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METHOD OF EMBROIDERING

Application filed December 9, 1929. Serial No. 412,639.

The invention relates generally to the process of producing ornamental embroidery effects on fabrics, and more specifically to an improved method of embroidery ornamentation for flat-knitted stockings; one of the primary objects being to provide for novel and quick temporary ornamental marking of woven or knitted fabrics to facilitate the subsequent application of desired permanent thread effects.

The invention comprises the novel process of effecting ornamentation of fabrics as herein exemplified in connection with flat-knitted stockings, while its scope is more particularly pointed out in the appended claims.

Further objects and attendant advantages of my invention will become more readily apparent from the following detailed description, reference being had to the accompanying drawing in which—

The figure is a fragmentary perspective view of a flat-knitted stocking web, partly broken away, and illustrates the step of ornamental marking, preparatory to the embroidery operation.

My improved embroidering process is particularly advantageous for effecting ornamentation of a flat-knitted stocking-web such as indicated at 1, which is produced in well known manner on a full fashioned stocking knitting machine, and is provided with the usual heel tabs 2, and has selvedge edges 3.

The method consists in first applying to such a web one or more marking or guide pieces 4, comprising more or less stiff sheet cellulose, gelatin, or other similar well known material which is easily dissoluble in water or other liquids not harmful to the fabric, and on which a desired design 5 has been marked by printing, stamping, engraving or otherwise. The application of the pieces 4 to the web 1 being effected by momentary slight softening of the former by heat, and its subsequent pressing onto the web, or in other manner depending on the particular material chosen. The degree of heat and pressure applied to the pieces 4 is regulated so that the design thereon remains clearly discernible and is not distorted when attached.

The marking pieces may be formed and attached in such manner that blank portions 6 thereof extend beyond the edges of the fabric 2. This facilitates embroidering of the ornamental figures as close to the edges 2 as desired; the extended parts 6 serving as a convenient web holding means at these points during such operation.

After the pieces 4 have been attached to the knitted fabric, the latter is embroidered in the usual way along the lines of the design 5, the needle and thread passing through the pieces and the fabric. The stocking web is then passed through the proper liquid which readily and quickly dissolves the material comprising the pieces 4, but does not affect the knitted fabric. Such liquid, if properly combinable, may be added directly to one of the baths through which the stocking web is ordinarily passed incidental to the washing or dyeing process, thereby eliminating the special or extra dissolving step.

If the material of which the pieces 4 consist is soluble in the ordinarily required baths, the step of removing the same becomes incidental to the ordinary web treating process.

The method of ornamental embroidering herein set forth may be modified and changed in different ways, and changes may be necessary under certain conditions, it is therefore to be understood that the invention is not limited to the precise steps, material and application pointed out, but that such changes may be made as fairly come within the scope of the subjoined claims.

I claim:

1. The method of embroidering flat-knitted stocking webs which consists in attaching a piece of ornamentally marked dissoluble material to the web by temporarily softening said material so as to effect adherence there-

of to the fabric, embroidering along the marks through the material and web, and thereafter removing the material with a dissolving liquid.

2. The method of embroidering flat-knitted stocking webs which consists in attaching a reenforcing piece of ornamentally marked dissoluble material to the web so as to partly extend beyond the edge of the same with the marked portion overlying an edge portion of the web embroidering along the marks through the material and fabric, and thereafter removing the material with a dissolving liquid.

In testimony whereof I affix my signature.

HUGO HEMMERICH.