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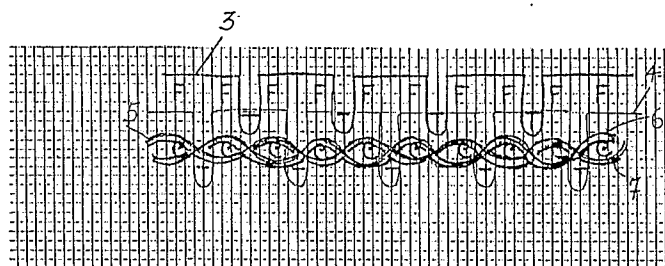
54 Method for making a figured cloth having a small-square pattern of different colours plain colours and the cloth made thereby.

57 There is disclosed a method for making a figured cloth, having a pattern consisting of a plurality of small-squares, of different colours or of plain colours, which are arranged on mutually perpendicular rows and columns.

The method comprises the step of forming on a conventional texture of the "Gobelin" type, different interlaced patterns, that is bound double cloth or bound triple cloth.

In particular, on the "Gobelin" texture, provided either with a double or triple interlacing, the checked effect on the right or top face of the cloth is obtained by means of a warp floating step.

Fig. 1



## Description

### METHOD FOR MAKING A FIGURED CLOTH HAVING A SMALL-SQUARE PATTERN OF DIFFERENT COLOURS OR PLAIN COLOURS AND THE CLOTH MADE THEREBY

#### BACKGROUND OF THE INVENTION

The present invention relates to a method for making a figured cloth or fabric, having a small-square or checked pattern, of different colours or, if desired, of a plain colour.

According to a further aspect, the invention also relate to a figured cloth made by the inventive method.

As is known, the so-called figured fabrics, that is fabrics provided with ornamental and decorative patterns of varying characteristics, are presently made by using suitable weaving machines.

#### SUMMARY OF THE INVENTION

The task of the present invention is to provide a method for making a figured cloth or fabric able of providing the figured fabric with a chromatic effect, that is a checked pattern region, separated by a bottom coloured region so as to reflect in a different way the impinging light.

According to one aspect of the invention, the above task, as well as other objects which will become more apparent hereinafter, are achieved by a method for making a figured fabric or cloth, characterized in that it comprises the step of providing on on a conventional Gobelin texture, a different interlaced pattern, that is a bound double fabric or a bound triple fabric, and the step of causing the warp yarns to float so as to obtain on said interlaced Gobelin texture a checked pattern.

#### BRIEF DESCRIPTION OF THE DRAWINGS

Further characteristics and advantages of the method for making a figured fabric according to the present invention will become more apparent hereinafter from the following detailed description of the preferred embodiment thereof, with reference to the accompanying drawings in which:

Fig. 1 schematically shows a double interlacing texture;

Fig. 2 is another schematic view illustrating a triple interlacing texture;

Fig. 3 illustrates a portion of a fabric or cloth piece made by the method according to the invention; and

Fig. 4 illustrates a portion of a fabric or cloth piece with a relief pattern.

#### BRIEF DESCRIPTION OF THE PREFERRED EMBODIMENT

With reference to the figures of the accompanying drawings, the method for making a figured fabric according to the invention comprises the step of forming, on a conventional Gobelin texture, a different interlaced pattern, that is a bound double

fabric or a bound triple fabric.

In order to obtain the desired checked pattern on the top or right face of the fabric, the method according to the invention further comprises the step of causing the warp yarns of said Gobelin texture to float.

More specifically, the single small squares 2 of the checked pattern, afford the possibility, by exploiting the characteristics of the tubular-Gobelin texture, of obtaining a transparency of the underlying weft.

Those same small squares, accordingly, provide, on a chain textile effect, a mixed chromatic effect (that is a warp-weft type of effect).

It should be moreover pointed out that the alternance of the mentioned two interlacings, that is a double and triple interlacing, on the Gobelin texture, provides a chromatic effect (checked effect) which is separated from a bottom or coloured region, which effect can be hardly obtained by other methods.

As shown in Fig. 4, the single small squares are made with a plain colour and, owing to their contrast from the bottom colour, they will provide a characteristic effect of clear and dark regions (warp/weft type of effect) on a textile chain effect.

In this connection it should be further pointed out that the alternance of the mentioned two double and triple interlacings, on a Gobelin texture, provides a colour contrast (the checked region) which is separated from a bottom (colour) region, which effect, as aforesaid, can be hardly obtained by other methods and interlacings.

In Figures 1 and 2, the reference number 3 shows the bottom weft, the reference number 4 indicates the pile weft, 5 indicates a first, preferably red, coloured yarn, the reference number 6 indicates a second coloured yarn, preferably a yellow yarn, the reference number 7 indicates a third coloured yarn, preferably a blue yarn.

On the other hand, in the fabric of Fig. 4 is used a coloured pattern on a coloured pattern.

Moreover, the reference letter F indicates the bottom, C the coloured weft and T the small weft.

According to a preferred embodiment, the fabric will have five bodies and three wefts, with a raised small-square chromatic effect.

More specifically, the warp yarns consist of coloured yarns having, respectively, red, black, blue, black and gold colours; the yarn frame is of 19,200 in 140x2 cm with 36 insertions for centimeter.

It should be apparent that the figured fabric according to the invention may also be made starting from different fiber yarns, both of synthetic and natural type.

From the above disclosure it should be apparent that the invention fully achieves the intended task.

While the invention has been disclosed with reference to a preferred embodiment thereof, it should be apparent that the disclosed embodiment is susceptible to many modifications and variations

all of which will come within the spirit and scope of the invention as defined in the appended claims.

## Claims

1. A method for making a figured fabric or cloth characterized in that it comprises the step of forming, on a conventional Gobelin texture, different interlacings, that is a bound double (tubular) fabric or a bound triple fabric, and the step of providing on said double or triple-interlacing Gobelin structure a checked pattern, on the right or top face of the fabric, by causing the warp yarns to float.

2. A method for making a figured fabric according to claim 1, characterized in that it comprises the step or alternately forming on said Gobelin texture two double and triple interlacings so as to provide a checked chromatic effect, separated by a bottom coloured region.

3. A method for making a figured fabric according to the preceding claims, characterized in that it comprises the step of forming a fabric having five bodies and three wefts, with a

raised checked pattern, the warp yarns consisting of respectively red, black, blue, black and gold yarns, the yarn frame comprising 19,200 yarns in 140x2 cm with 36 insertions for cm.

4. A figured fabric made by a method according to any preceding claims, characterized in that it comprises a plurality of relief small-squares, of different colours, arranged on mutually perpendicular lines.

5. A method for making a figured fabric according to claim 1, characterized in that it comprises the step of alternately forming on said Gobelin texture two double and triple interlacings so as to provide an effect of clear and dark (small squares) separated by a bottom coloured region.

6. A figured fabric made by a method according to the preceding claims, characterized in that it comprises a plurality of relief small-squares - suitable for reflecting in a different way the impinging light - disposed on reciprocally perpendicular lines.

7. A figured fabric, according to the preceding claims, characterized in that it can be obtained by yarns of different fibers, both synthetic and natural.

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Fig. 1

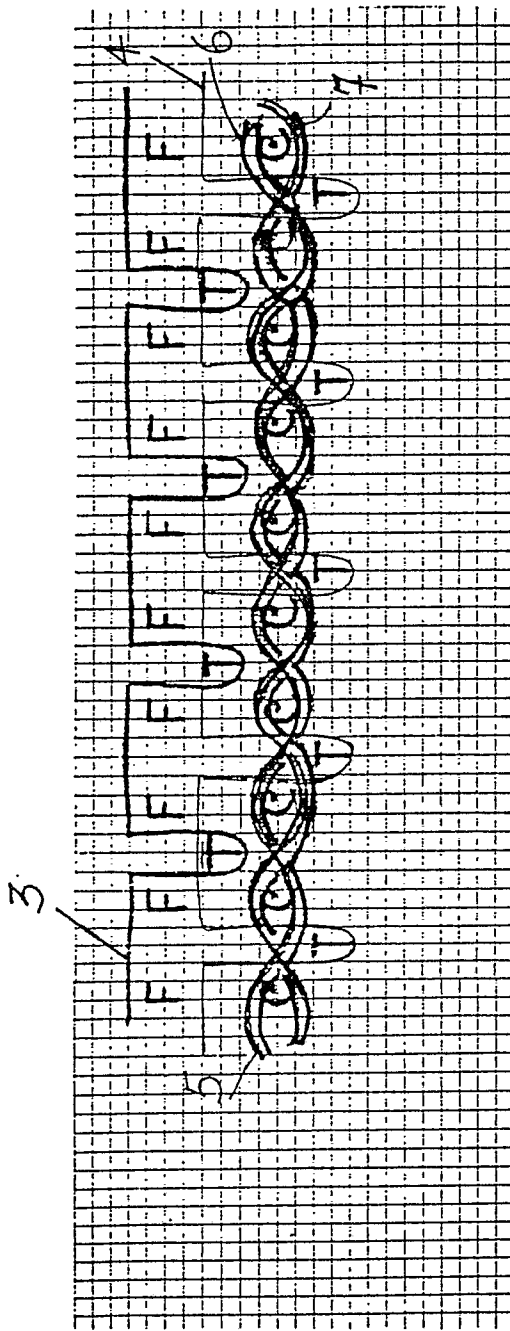
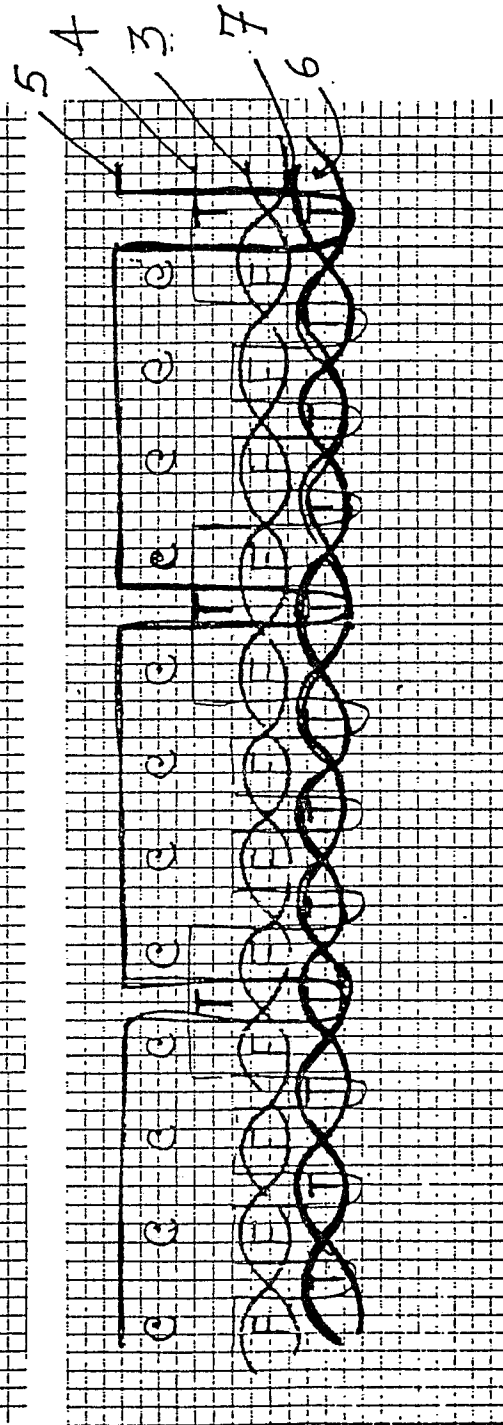


Fig. 2



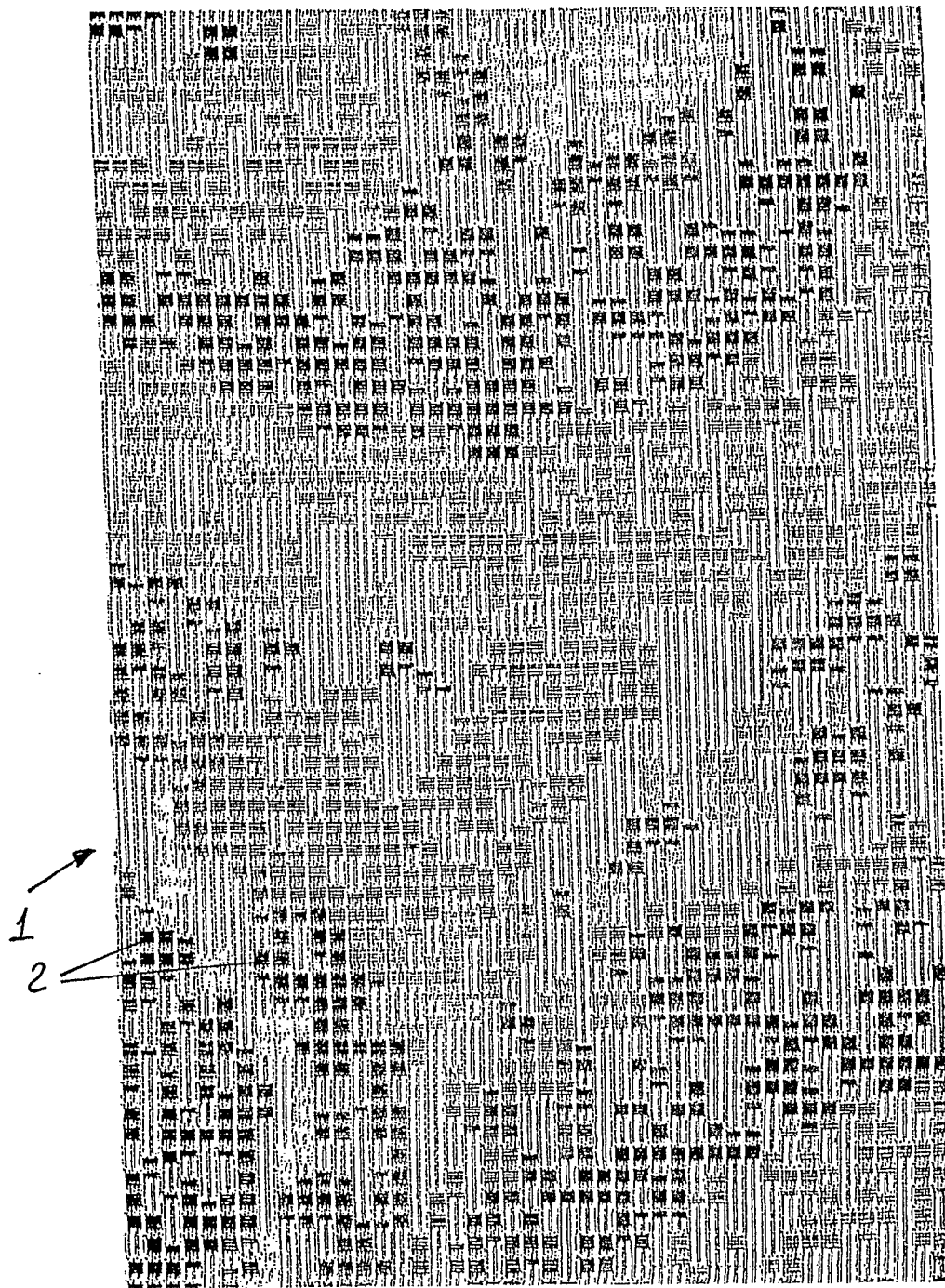


FIG. 3

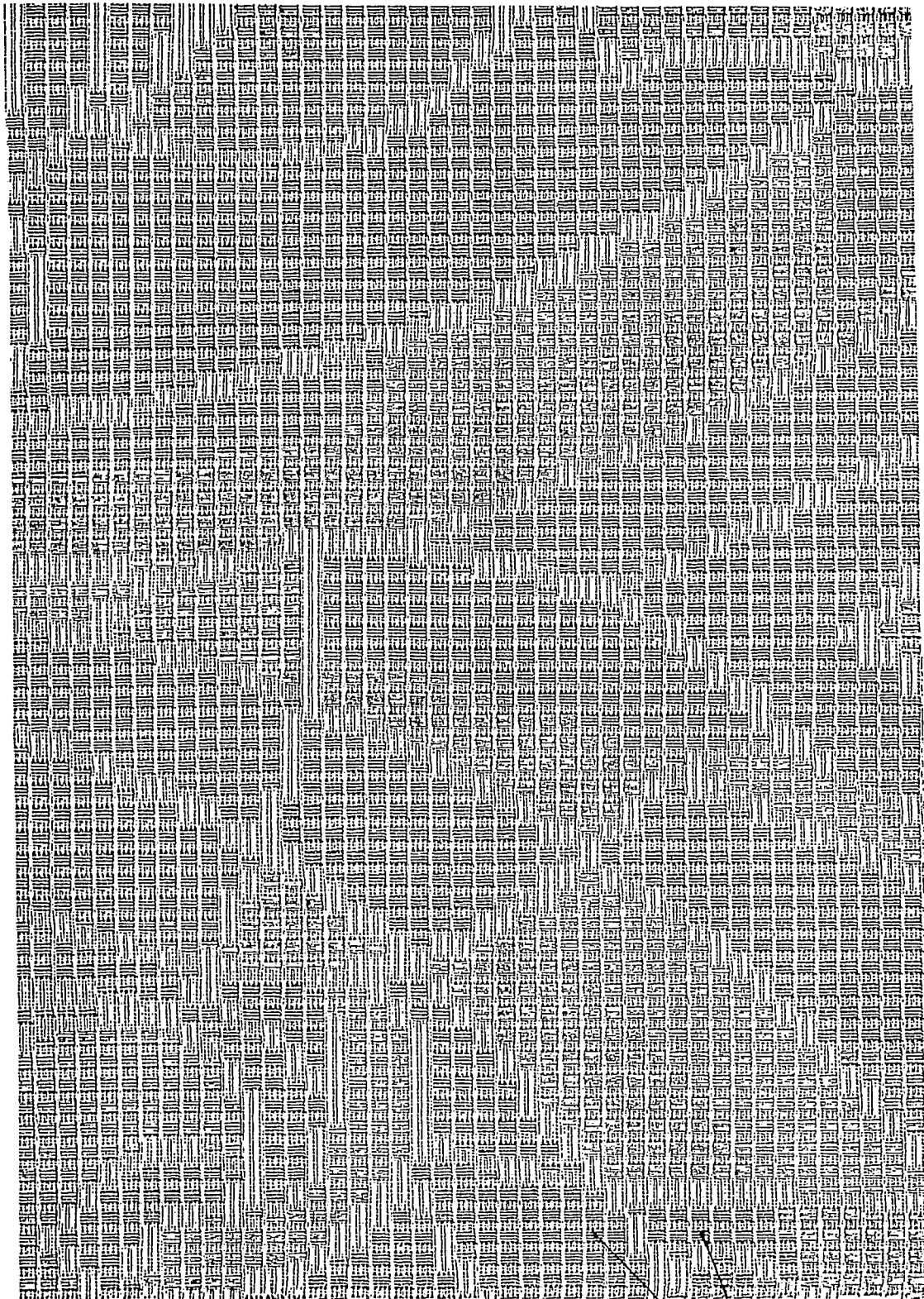


FIG. 4

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