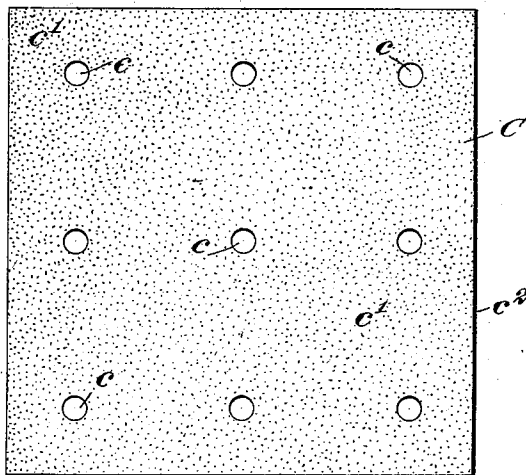
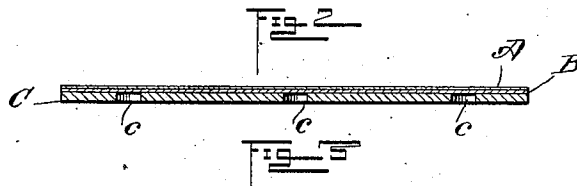
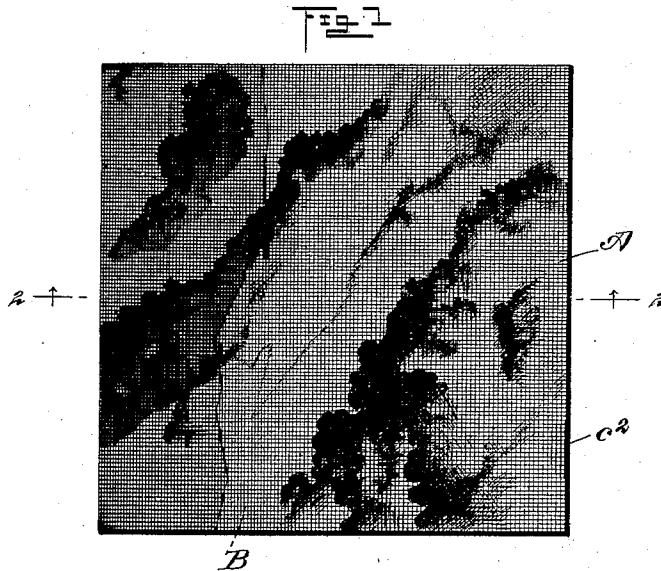


No. 723,604.

PATENTED MAR. 24, 1903.

C. H. HEARTFIELD.
TRANSPARENT DECORATION.
APPLICATION FILED AUG. 19, 1902.

NO MODEL.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES HENRY HEARTFIELD, OF NEW YORK, N. Y.

TRANSPARENT DECORATION.

SPECIFICATION forming part of Letters Patent No. 723,604, dated March 24, 1903.

Application filed August 19, 1902. Serial No. 120,233. (No model.)

To all whom it may concern:

Be it known that I, CHARLES HENRY HEARTFIELD, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Transparent Decoration, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a transparent article for the decoration of walls, ceilings, fireplaces, and the like capable of being used in the form of a tile or in strips of desired length and width and to so construct the article that a color or colored design will show at the outer or transparent surface in irregular or fantastic lines and with a mesh or textile effect.

A further purpose of the invention is to so form the back of the article when used as a tile that it will key thereto the cementing material which is employed for securing the tile to a wall or equivalent support.

The invention consists in the novel construction and combination of these several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of a decorative tile constructed in accordance with my invention. Fig. 2 is a transverse section on the line 2 2 of Fig. 1, and Fig. 3 is a rear elevation of the tile.

As an outer surface for the article of decoration, whether in sheet or tile form, I employ a strip of mica A or a pane of glass of suitable dimensions, mica being preferably used, as it is pliable and not so liable to fracture as glass, and upon the back of the transparent front surface of mica or glass a strip of plain fabric B of corresponding dimensions is thoroughly stretched and secured by any adhesive substance, preferably such as is of a colorless nature. The said fabric strip B is of open weave, so as to present at the front of the article a well-defined open mesh, as is shown in Fig. 1. When the two elements A and B have been suitably connected, more or less thin bodied colors, preferably oil colors, are applied to the back of the fabric B, which

colors penetrating the fabric will spread upon the back surface of the transparent element A in fantastic or in predetermined design in irregular, well-defined, or fancy outlines, as desired; but throughout the design the mesh of the fabric will be more or less prominently displayed through the transparent element.

When it is desired that the article shall be flexible, it is complete as above described, except that under some conditions it may possibly be desirable to add a flexible protective backing of any desired character.

When the article is to be used in tile form, a stout backing C is cemented or otherwise secured upon the color-sustaining fabric B. This backing C may be of stout cardboard, papier-mâché, or other light yet stout material. In some instances the backing C may be perfectly plain; but preferably, especially in large-sized tiles, apertures or openings *c* are produced at intervals in the backing or backboard C, as is shown in Figs. 1 and 3, to key the plastic or cementing material employed for securing the tile to a support—a plastered wall, for example—and, furthermore, to render the union between said cementing or plastic compound and the backing of the tile uniform over the entire back surface of the tile, this back surface is provided with a sand coating *c'*, secured thereto by any suitable adhesive substance. This sand coating may be applied directly to the color-sustaining fabric B, if desired, when the article is made flexible, or to the backing or backboard C when the same is made without the key-apertures *c*. When the article is used as a tile, a cement *c''* is applied to the edges of the tile, so that where the tiles are brought together they will firmly adhere with a barely-perceptible joint, and such cement is preferably of that nature which softens under the influence of heat, so that the tiles can leave the factory complete for setting up, with the exception of the adhesive material to be applied to the back of the tiles, or even such adhesive material may sometimes be applied during the process of the manufacture of the article.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. As an improved article of manufacture,

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a decorative medium consisting of a transparent front element, a backing therefor of a loosely-woven fabric, and coloring material projected through the fabric from the back
5 upon the rear surface of the transparent element, whereby colors appear at the front of the transparent element, disclosing more or less of the mesh of the fabric, as described.

2. As an improved article of manufacture,
10 a decorative medium consisting of a pliable transparent front element, a backing therefor of a loosely-woven fabric, and a coloring material projected through the fabric from its back upon the rear surface of the trans-
15 parent element, the said color being a thin-bodied color, as described.

3. As an improved article of manufacture,

a decorative medium consisting of a transparent front element, a loosely-woven strip of fabric having an open mesh, which fabric is 20 secured to the back of the transparent element, and a backboard for the fabric secured thereto, which backboard is provided with series of key-apertures therein and with a roughened rear surface, for the purposes set 25 forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES HENRY HEARTFIELD.

Witnesses:

J. FRED. ACKER,
JNO. M. RITTER.