

Feb. 12, 1929.

M. K. HUPPUCH

1,702,161

LINCRUSTA AND METHOD OF MAKING THE SAME

Filed April 21, 1928

Fig. 1.

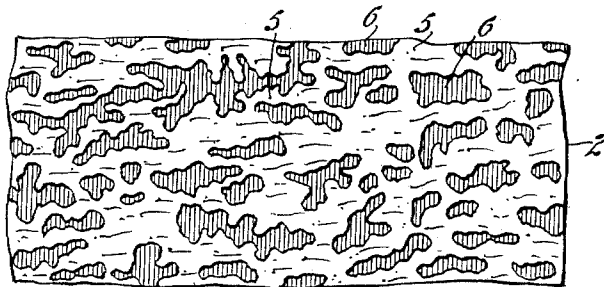


Fig. 2.

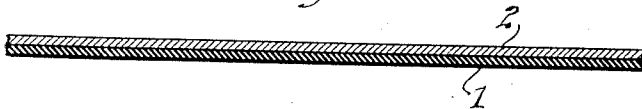
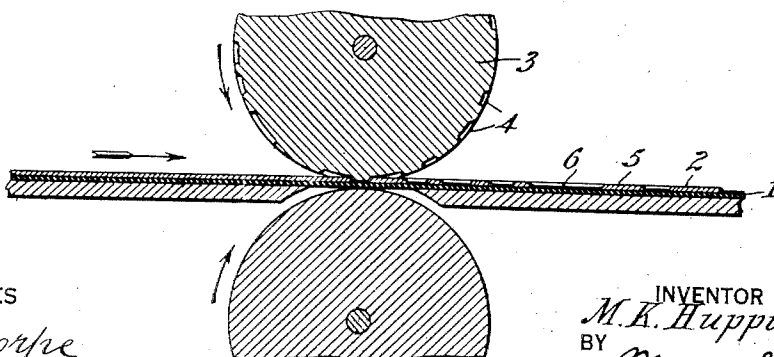


Fig. 3.



Fig. 4.



WITNESSES

Edw. Thorpe
S. W. Foster

INVENTOR

INVENTOR
M. E. Huppich
BY *M. E. Huppich*

ATTORNEY

Patented Feb. 12, 1929.

1,702,161

UNITED STATES PATENT OFFICE.

MILTON K. HUPPUGH, OF SARATOGA SPRINGS, NEW YORK, ASSIGNOR TO THE DECORATIVE COMPANY, OF SARATOGA SPRINGS, NEW YORK, A CORPORATION OF NEW YORK.

LINCROSTA AND METHOD OF MAKING THE SAME.

Application filed April 21, 1928. Serial No. 271,779.

This invention relates to lincrusta and method of making the same.

An object of the invention is to provide a material or lincrusta paper, as it is commonly known in the art, which has a two-tone effect, and the invention includes the provision of a backing sheet with a composition thereon, said composition thinner at some portions than at other portions whereby the color of the backing sheet is seen through a film of the material to give a two-tone effect or color differing from the color of the composition on the paper.

In carrying out the invention, I employ a roller in which a design is etched or sunken, and I subject to this roller a backing sheet having a colored surface on which the plastic composition is positioned so that, when the pressure of the roll is applied to the face of the sheet of paper having the composition thereon, the composition will be shaped or embossed to form a design, and between the configurations of the design a thin film of material will cover the sheet so that a color effect will be had contrasting with the color of the composition.

My invention therefore consists in certain novel features of construction and combinations and arrangements of parts, which will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings—

Figure 1 is a plan view of a section of my improved article of manufacture, known on the market as lincrusta, having a two-tone effect;

Figure 2 is an exaggerated view in section through the material before the design is formed in the composition on the paper;

Figure 3 is a view similar to Figure 2 showing the completed article of manufacture with a design formed thereon and a thin film over the backing sheet which gives a two-tone effect;

Figure 4 is a fragmentary view in longitudinal section illustrating the carrying out of my method.

My improved article of manufacture, commonly known on the market as lincrusta, includes a backing sheet 1 and a covering material 2.

The backing sheet 1 is preferably of paper and has on one face at least a color. On this colored face of the backing sheet 1 the covering material 2 is located when in

plastic condition and then subjected to the pressure action of a roll 3 having a design etched or otherwise sunken in the face of the roll 3, as shown at 4, so that when the material has passed under this roll 3 the design will be impressed in the composition, leaving portions of the composition relatively thick and other portions relatively thin, as indicated at 5 and 6, respectively, in Figure 3. In other words, between the raised or thicker portion of the composition a thin film 6 will be disposed over the backing sheet 1 and the color of the face of the backing sheet 1 will show through the thin film of material giving a two-tone effect to the design.

In the manufacture of the article, a paper having one surface of one color and the other surface of another color is preferably employed, which is for convenient manufacturing of different tones of the article, but of course I do not limit myself to the particular manner of coloring the backing sheet nor to any particular color but desire to cover broadly an article of material of this character on which the composition thereon forms a design of two-tone effect by reason of the fact that the composition on the paper is thicker at some portions than at other portions so that at the thinner portions the color of the backing sheet gives a color to the film of material thereon.

I claim:

1. The herein described method of making lincrusta, including the provision of a backing sheet having a colored surface, depositing a thickness of plastic composition on said backing sheet, then subjecting said composition to a die roll whereby portions of the composition are relatively thick and other portions relatively thin, said latter portions forming a film over the colored surface of the backing sheet so that a two-tone effect is had.

2. As a new article of manufacture, a sheet of lincrusta, comprising a backing sheet having a colored surface, and a composition on the colored surface of the backing sheet having a depressed design therein thinner than the rest of the coating whereby the colored backing sheet shows through the depressed portion of the coating and a two-tone effect is had.

MILTON K. HUPPUGH.