(No Model.)

M. B. CHURCH.

ORNAMENTATION OF WALLS.

No. 420,929. Patented Feb. 11, 1890.

Fig. 1

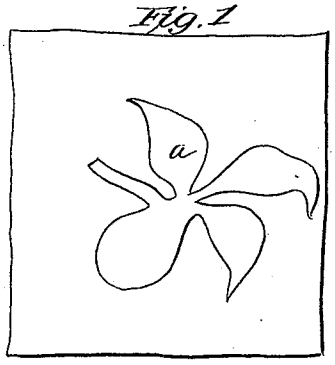


Fig. 2.

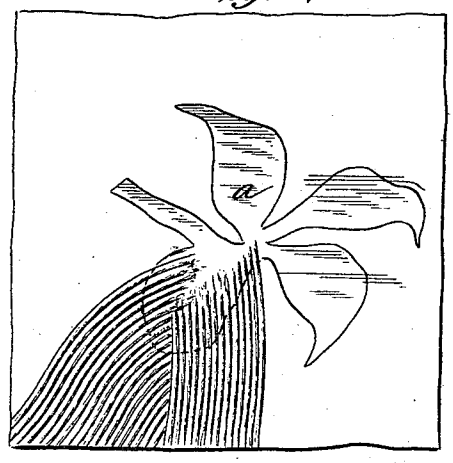
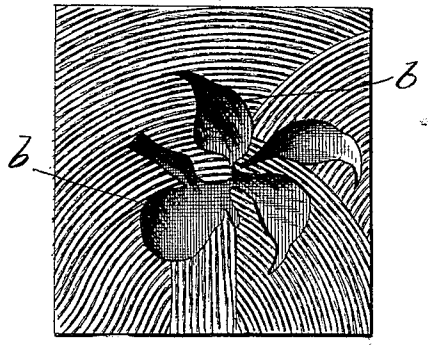


Fig. 3.



Witnesses:
Walter Donaldson
Walter C. Keeney.

Inventor
Melvin B. Church
by Ellis Spear
Attorney

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

MELVIN B. CHURCH, OF GRAND RAPIDS, MICHIGAN.

ORNAMENTATION OF WALLS.

SPECIFICATION forming part of Letters Patent No. 420,929, dated February 11, 1890.

Application filed June 22, 1889. Serial No. 315,228. (No specimens.)

To all whom it may concern:

Be it known that I, MELVIN B. CHURCH, of Grand Rapids, in the county of Kent and State of Michigan, have invented a new and useful Improvement in Ornamentation of Walls; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention relates to the ornamentation of walls or to the manufacture of tiles or panels for wall ornamentation. It involves the use of a plastic material, such as thick lead paints and water.

The invention consists, essentially, in forming raised portions or bas-reliefs in connection with a plate of any suitable material cut in the form of a figure and laid upon the wall, panel, or portion of the surface.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 shows a panel or tile for wall ornamentation with the pattern-plate laid upon the surface approximately at the center. Fig. 2 shows the same form with a part of the material combed over the plate. Fig. 3 is a similar view of the surface after the plate has been removed.

In carrying out my invention I may apply it either to a separate and distinct tile, made separately and capable of being applied to the wall as other ornamental tiles are applied, as shown in an application of even date herewith filed by me in the United States Patent Office, or the invention may be applied to panels formed in place upon the walls itself by ornamentation of the material after it has been placed upon the wall. In case the panel being used separately as in my aforesaid application a block or plate of any suitable material is provided, on which the plastic material is placed; but preferably before placing the plastic material on the panel or upon the wall I lay in proper position a pattern-plate of any suitable thin material cut into the form of the desired ornamentation, such as the leaf shown at *a* in the drawings. After it has been placed in proper position, plastic material is laid upon the surface, and the ornamentation is given to the surface of this plastic material by drawing the tool or comb over the margin centrally to the figure, so that the material combed on or removed from the plastic surface in the formation of the raised figures is left upon the pattern-plate. When the pattern-plate is moved, this surplus material is moved also, and the form of the pattern-plate is left in proper position upon the tile or panel, as shown at *b* in Fig. 3. This constitutes an easy and inexpensive method of ornamenting the surfaces and avoids the difficulty heretofore experienced in combing or moving the material in the formation of bas-reliefs over the margin of the panel or edge of the tile from whence it has to be moved with some care and difficulty. By it, also, I avoid the greater difficulty of removing the material in the operation of combing or the like on surfaces where there are no defined panels, but where the material combed off in any direction would disfigure the other parts.

I claim as my invention—

The hereinbefore-described process of ornamenting surfaces, consisting in laying a plate upon the surface to be ornamented and then ornamenting the surrounding plastic material which forms the raised surface by moving the comb or other tool from the margin to the plate, whereby the surplus material removed in forming the raised surface is deposited upon the plate, and finally removing the plate, substantially as set forth.

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

MELVIN B. CHURCH.

Witnesses:
G. W. BALLOCH,
WALTER DONALDSON.