

T. PFISTER.
 DECORATIVE MATERIAL PATTERN.
 APPLICATION FILED APR. 25, 1906.

907,868.

Patented Dec. 29, 1908.

Fig. 1.

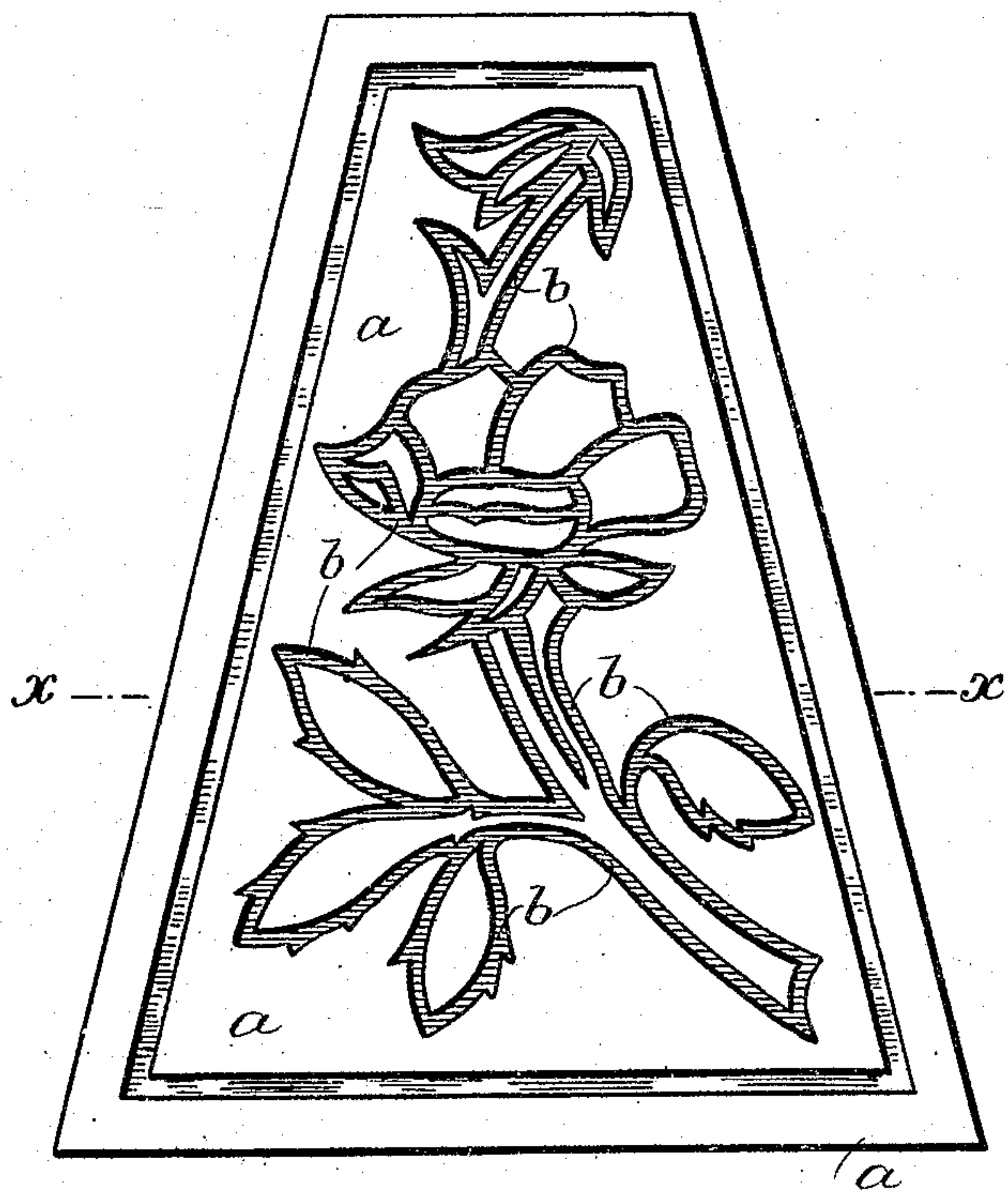
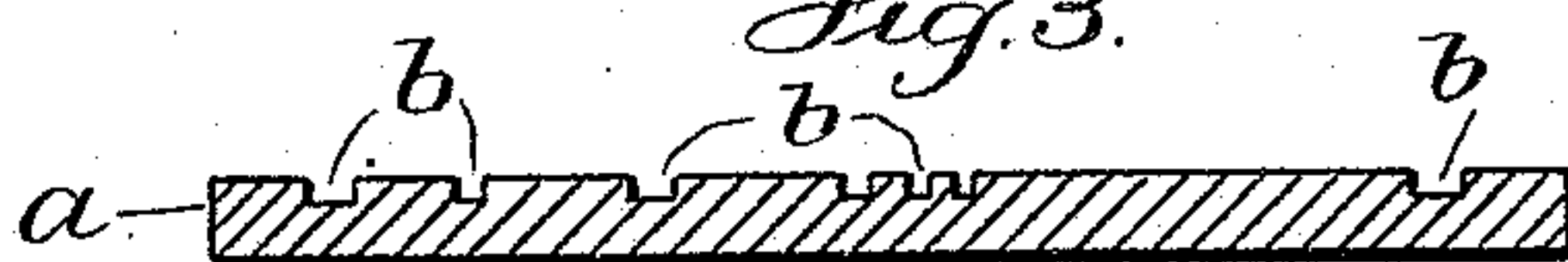


Fig. 2.



Fig. 3.



Witness

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DECORATIVE-MATERIAL PATTERN.

No. 907,868.

Specification of Letters Patent.

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Serial No. 313,554.

To all whom it may concern:

Be it known that I, THEOPHIL PFISTER, a citizen of the United States, at present residing at the borough of Manhattan, city, county, and State of New York, have invented a new and useful Improvement in Decorative-Material Patterns, of which the following is a specification.

In the manufacture of decorative material designs, especially those of glass or cloisonné, it is desirable to employ patterns for the several designs so that each reproduction of a design corresponds with a previous one and consequently these patterns must be substantial and permanent, and the object of my invention is the production of such a pattern.

In carrying out my invention I take a slab of suitable material and of the general outline of the design to be produced. The design to be reproduced is drawn on the surface in adjacent double lines and the slab or foundation is then cut into or routed out to produce grooves of a predetermined depth.

For the purpose of producing patterns for decorative cloisonné, cloisonné mosaics etc., either opaque or translucent such as I have described in an application of even date herewith, I prefer to take a slab of glass or other suitable material of the general outline of the design and to cement thereto layers of blotting paper or similar suitable material to the desired thickness,—to then mark out the design thereon in adjacent double lines; I then cut through the layers of paper or other suitable material along both series of lines to the glass slab or foundation and remove the intervening material thus producing the design in grooves adapted to be filled with a material to be transferred in forming the cloisonné, cloisonné mosaic etc. I may if desirable, surface this pattern and the faces of the grooves with a fusible material and bake it so as to provide a surface that is hard and is not affected by moisture and use.

In the drawing, Figure 1 is a plan illustrating my improved decorative material pattern. Fig. 2 is a cross section at the dotted line *x, x*, of Fig. 1 illustrating the preferred form of the pattern according to my invention and Fig. 3 is a cross section also at the dotted line *x, x*, of Fig. 1 illustrating the simpler form of my invention.

In forming the decorative material pattern according to the simpler form of my invention, I take a slab *a* of suitable material which might be glass, marble, slate, or stone

of any description,—a material that can be molded or compositioned such as celluloid—this slab is preferably shaped of the general outline of the design to be produced and the design itself is drawn out on the surface in adjacent double lines which indicate the boundary of the design and this slab or foundation is then cut into or routed out to produce the grooves *b* which are made of a predetermined depth; the said grooves indicating clearly the design in the surface of the slab or foundation. While this is the simpler form of my invention it is nevertheless the more difficult and most expensive form to produce and the preferred form of my invention is the cheaper form and the easiest form to produce.

In the preferred form of my invention as shown especially in cross section, Fig. 2,—Fig. 1 illustrating truly either form of my invention, that is to say, being a plan of either Fig. 2 or Fig. 3—I employ a slab *c* of any suitable material but preferably of glass. The outline of this slab is the general outline of the design to be produced. This glass slab or foundation should be surfaced with adhesive material, especially a material that can be baked, and on the surface on one side of this I place superimposed successive layers of heavy paper *d* like blotting paper, and between each one a layer of the adhesive material. If blotting paper is employed, three or four layers will usually be sufficient. On the surface of the top layer the design to be reproduced is drawn out in adjacent double lines and with a sharp instrument the blotting paper is cut through on these lines down to the glass slab *c* and the paper between the lines removed, thus producing grooves *e* representing the design in the paper and above the glass surface. The entire surface of the paper may then if desirable be coated with a fusible material and baked so as to produce such a strong substantial surface as will withstand wear in the use of the pattern. It is to be understood that the design as well as the outline of the slab may be anything desired and *per se*, forms no part of my invention nor does the material of the slab or foundation. This pattern is to be employed in the method of forming decorative materials or cloisonné ware as described in an application for Letters Patent signed by me of even date herewith.

I claim as my invention:

1. A pattern for use in preparing a decorative material outline, comprising a founda-

tion slab of suitable material and of the general outline of the design to be produced, superimposed layers of suitable material secured to said slab and the design cut or
5 grooved through the layers of material down to the slab.

2. The method herein specified of making a decorative material pattern, the same consisting in taking a slab of suitable material
10 and imparting thereto the shape of the boundary of the design to be produced, securing thereto and to one another by adhesive material superimposed layers of a mate-

rial readily cut through, drawing the design upon the surface of the uppermost layer by
15 double lines, cutting through the superimposed layers along these lines down to the foundation and removing the intervening material and thus producing the outline of
20 the design by the grooves so made in the material.

Signed by me this 18th day of April 1906.
THEOPHIL PFISTER.

Witnesses:

A. H. SERRELL,
E. ZACHARIASEN.