J. A. FENTON.

ORNAMENTAL ARTICLE AND METHOD OF PRODUCING THE SAME.

APPLICATION FILED DEC. 1, 1917.

1,302,344. Patented Apr. 29, 1919.

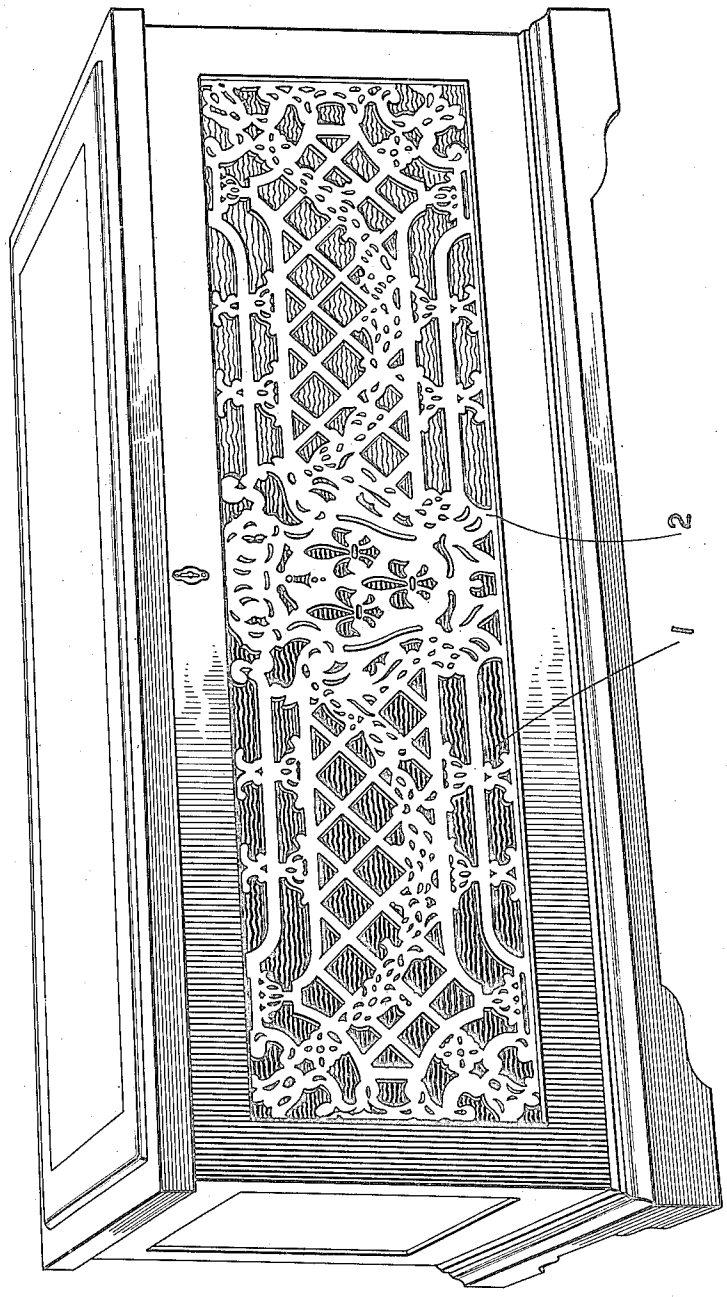


FIG. 1.

Witness
N. Abramson

Inventor
JOHN A. FENTON

By Harry C. Schroeder
Attorney

UNITED STATES PATENT OFFICE.

JOHN A. FENTON, OF OAKLAND, CALIFORNIA.

ORNAMENTAL ARTICLE AND METHOD OF PRODUCING THE SAME.

1,302,344. Specification of Letters Patent. Patented Apr. 29, 1919.

Application filed December 1, 1917. Serial No. 204,892.

To all whom it may concern:

Be it known that I, JOHN A. FENTON, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Ornamental Articles and Methods of Producing the Same, of which the following is a specification.

My invention relates to an ornamental article and method of producing the same.

The principal object of my invention is to provide an article which shall be of moderate price, but which shall be highly ornamental in appearance and closely resemble hand carving.

A further object of my invention is to produce an ornamented article the surface of which shall carry designs in sharp relief as compared with the body of the surface.

In the accompanying drawing, the figure shows an article according to my invention.

Referring more particularly to the drawing:

The figure 1 represents a panel on the face of a box, the design 2 of which is in sharp relief with reference to the remainder of the surface. This raised design is produced by cutting apertures in a protective sheet of metal or heavy paper, or other suitable material, and fastening the said protective sheet over the surface to be ornamented. Upon directing a sand blast against the surface, the portions which show the design and which are to be in relief on the finished article are protected from the effects of the blast by means of the said sheet, and the remaining portion of the surface is cut away to the desired depth by the action of the sand or similar particles until the relief effect is produced. Articles ornamented in this way can scarcely be distinguished from those hand carved. It will be understood that when the surface or article being treated is of wood, the material may contain a very decided grain. In this case, the protective surface of the design will be smooth whereas the recesses between the portions in relief will have a roughened surface caused by numerous approximately parallel lines due to the grain of the wood and between said lines will be small hollows or recesses.

In making articles of wood having a pronounced grain, I find it convenient and ornamental to stain or otherwise treat the surface of the design in relief as well as the ridges or pronounced parallel lines on the surface of the portion of the article which has been cut away by the blast, the small grooves or recesses between the projecting lines caused by the grain of the wood being stained or treated less, if at all. By this method of treatment, I produce a very novel and decided ornamental effect owing to the peculiar shading given by the different tone or color of the surface at the bottom of the recesses or grooves between the grain of the wood. It will, of course, be understood that I may stain or otherwise treat the surface of the wood before subjecting the same to the sand blast process, although if the portion treated with the blast is also treated by stain or otherwise after the blast process, it is more convenient to treat the whole surface at once. For instance, the raised portion 2 shown in the drawing may be treated by stain or otherwise before the wood has been carved.

Having thus described my invention, I claim:

An article of manufacture comprising a body having a surface provided with a design in sharp relief, the areas not taken up by the design being covered by depressions and projections of a contour conforming to the grain of the material of which said body is formed, said areas being colored in contrast to the design and with the depressions and projections colored in contrast to each other.

In testimony whereof I affix my signature.

JOHN A. FENTON.