

UNITED STATES PATENT OFFICE.

CHARLES SCHÜSSLER, OF NEW YORK, N. Y.

IMPROVEMENT IN THE PROCESSES OF ORNAMENTING GLASS.

Specification forming part of Letters Patent No. **142,125**, dated August 26, 1873; application filed March 6, 1873.

To all whom it may concern:

Be it known that I, CHARLES SCHÜSSLER, of the city, county, and State of New York, have invented an Improved Process of Making Transfer Ornaments for Glass, of which the following is a specification:

To make the transfer ornaments for glass a sizing, as ordinarily used, is placed on transfer-paper, and on this sizing is laid a silver leaf or any other white-metal leaf which will not tarnish or turn black, and on the top of this leaf the colors of any desired ornament are positively printed.

In applying this ornament on glass a thin coat of dammar varnish is laid on the back of the glass, and after this varnish becomes quite thick the ornament is laid on the varnish and pressed on with a sponge saturated with water, which, in penetrating the paper, moistens the sizing with which the transfer-paper is coated and causes the ornament to separate from the paper. The paper is then removed, the dammar varnish holding the ornament firmly to the glass, and the transfer is made. A coat of paint over the back of the glass assists materially in heightening the effect.

By looking upon the front of such an ornamented glass the face of the picture is seen, the silver leaf shining through in different parts producing a most beautiful and substantial ornament on glass, which can be easily and cheaply effected.

I am well aware that, by the aid of the well-known process of decalcomanie, ornaments are transferred from paper on wood, paste-board, china, &c., by printing the metal leaf on the top of the ornament, and, by aid of varnish, transfer such ornaments on the mentioned articles; but, as ornaments cannot, by this process, be transferred onto the back of glass and come out in their full beauty, when the glass is seen from the front, it has nothing in common with my invention.

I claim as my invention—

The process of preparing and applying transfer ornamental designs to glass, substantially in the manner herein described, for the purpose set forth.

CHAS. SCHÜSSLER.

Witnesses:

FRANKLIN BARRITT,
RICHARD GERNER.