N. D. Stevens,

Plate.

No. 95,742. Patented Oct. 12. 1869.

fig. 2.

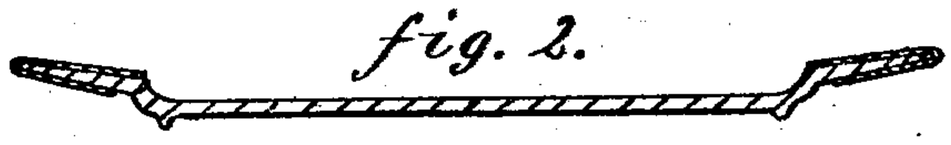
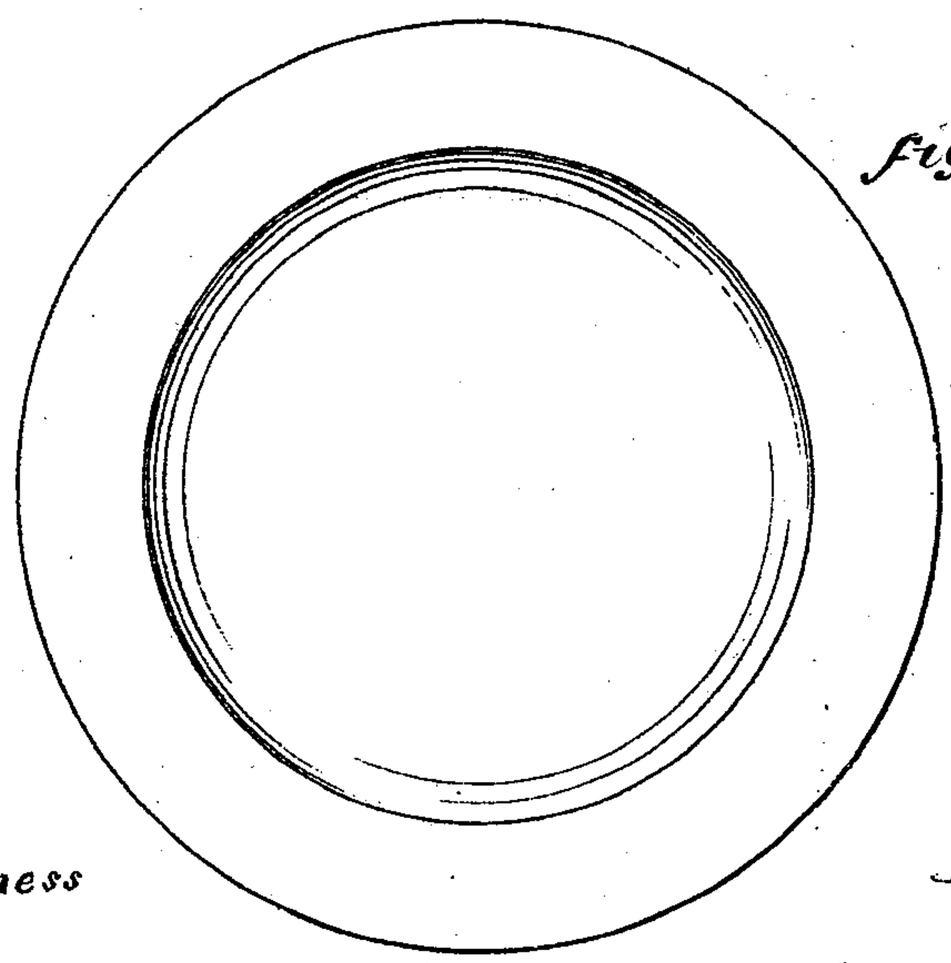


fig. 1.



Witness

Mm Franklin Fearing

Henry C Houston

Inventor

N. D. Stevens

Per Wm H Cliffitt Atty.

UNITED STATES PATENT OFFICE.

NEWELL D. STEVENS, OF WESTBROOK, MAINE, ASSIGNOR TO HIMSELF AND O. A. HILL, OF SAME PLACE.

IMPROVED PLATE.

Specification forming part of Letters Patent No. **95,742**, dated October 12, 1869.

To all whom it may concern:

Be it known that I, N. D. STEVENS, of Westbrook, in the county of Cumberland and State of Maine, have invented a new and useful Improved Plate; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others to make and use my invention, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top view of a plate having my improvement thereon. Fig. 2 is a side sectional elevation of the same.

Same letters show like parts.

Plates of common construction—such as those in ordinary use for household purposes—are, as is well known, exposed to many accidents from the nature of the substance of which they are composed and the ease with which it is fractured. A slight blow, insufficient to break into pieces a plate as ordinarily made, will often disfigure and mar it by chipping off the enamel or vitreous glazing on the surface, and thus render it unsightly, and also by the roughness of the surface thus exposed render the plate very difficult of cleansing, as the inequalities of the chipped or injured places retain the impurities and are hard to reach, so as to free them properly of the minute accumulations therein.

My invention is designed to prevent in a great measure the destruction of such plates by blows or falling, &c., by means of which they would be broken in two or into a number of pieces; and my device also serves to protect the plates from such injuries by chipping, &c., as they are frequently exposed to when the force applied is not enough to break them in pieces, but only to mar them more or less.

My invention consists in applying to and around the rim or flange of a plate a strip or edging of ductile metal—as, for instance, silver for the more costly and finer varieties of such utensils, and some less costly metals for the less valuable sorts. This band or edging I propose to apply to the flange of the plates by "spinning on"—a well-known process to metal-workers. The strip thus spun on I propose to make of a width equal or nearly equal to the width of the flange of the plate, so as to nearly or quite cover such flange, and extending nearly to the beginning of the deeper or receptacle portion of the plate. On the under side of the flange the metal band is continued under the entire flange, and occupies nearly the whole extent inward to the body of the plate. (See Fig. 2.)

By the process of spinning on the metal band is applied to the plate with great firmness and closeness, and is not liable to become detached therefrom. The band thus applied is not only a protection against breakage or damage from falls, blows, &c., but is also susceptible of being made very ornamental, as the metal may be chased, cut, embossed, or embellished in a variety of ways.

What I claim as my invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, a porcelain or other frangible plate with a metal band, rim, or clamp spun upon the flange thereof, as herein described.

NEWELL D. STEVENS.

Witnesses:

WILLIAM HENRY CLIFFORD,

WM. FRANKLIN SEAVEY.