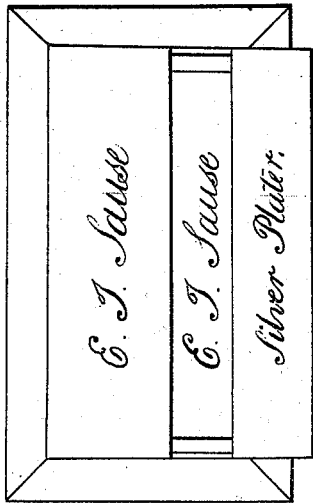


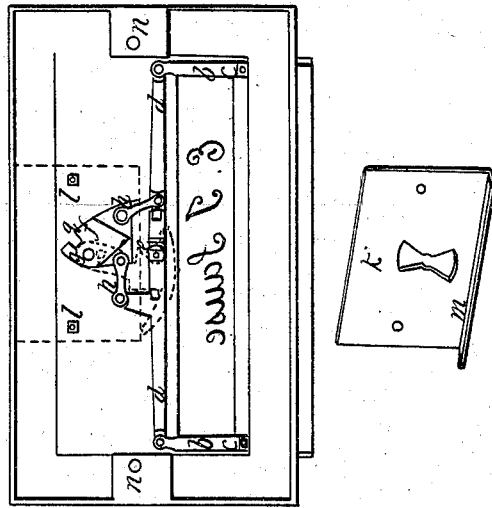
*E. I. Sause.*  
*Door Plate.*

*N<sup>o</sup> 3,216. Patented Aug. 11, 1843.*

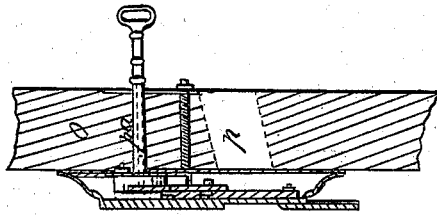
*Fig. 3.*



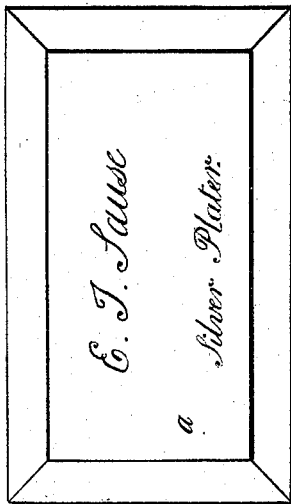
*Fig. 4.*



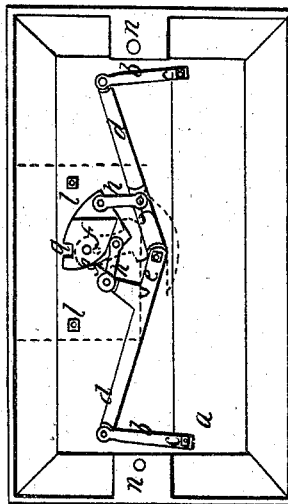
*Fig. 5.*



*Fig. 1.*



*Fig. 2.*



*Witnesses*

*John Mayher*  
*Antoine Longel*

*Inventor*

*Edmund*

# UNITED STATES PATENT OFFICE.

EDMOND I. SAUSE, OF NEW YORK, N. Y.

## DOOR-PLATE.

Specification of Letters Patent No. 3,216, dated August 11, 1843.

*To all whom it may concern:*

Be it known that I, EDMOND I. SAUSE, of the city of New York, in the county and State of New York, have invented a new and improved mode of making and constructing door-plates, making part of said plates transparent, thereby designating after sundown the names, professions, and numbers of occupants of houses, stores, or offices; and I do hereby declare that the following is a full and exact description thereof.

I use for my transparent door-plates any kind of metal or metallic compound, and construct, one third or more of the surface of the plate whereon the lettering is generally done so as to slide perpendicular or horizontally and to prevent the sliding part from displacing itself, cast in the ends of the slide dovetail grooves which fit on dovetail tails in the frame of the door-plate. The slide is moved by the use of a key inside of the building, operating on a combination of levers and bolts attached inside of the door-plate, and behind the slide glass, or any transparent substance is fastened whereon names, professions, and numbers can be represented in dark colors so that whenever the slide is opened the light of a hall or other lamp will reflect through the transparent substance and designate outside of the house whatever is represented on said transparency as shown in the accompanying drawings making a part of this specification in which—

Figures 1, 2, 3 and 4 represent a door plate. In Figs 1 and 2 the slide *a* is represented closed, and in Figs. 3 and 4 said slide is represented open and the transparency shown.

In Figs. 2 and 4 the combination of levers and bolts are shown. *b b* are the bolts fastened and movable on two bolts *c c* attached to the slide *a*. The two upper ends of bolts *b b* have a joint at the upper ends of levers *d d*, the other ends of said levers being movable on a bolt *e* fastened to the stationary part of the face plate.

*f*, is a fowler which revolves on a drill-pin *g*, which is also fast to the stationary

part of the plate, and *h h* are two links which connect said fowler to the two levers *d, d*, the ends of said links being movable on bolts fastened to the fowler and levers. On the drill-pin *g*, a tumbler *i* represented under Fig. 2, is placed one end of said tumbler having a hole which fits on said drill-pin. Below said hole is a stump *j* which fits into the key with the drill-pin. The dotted lines in Figs. 2 and 4 represent the position of the tumbler when the slide is closed and opened and under Fig. 4 *R* represents the cap which is placed and fastened on the bolts *l* in Figs. 2 and 4. The turned edge *m* of said cap rests on the tumbler and levers *d d* and allows the same to slide on said edge. *n n* in Figs. 2 and 4, represent holes for the screws that fasten the plate to the door.

Fig. 5 represents a transverse section of the door-plate fastened on *o* part of a door, the opening *p* being cut through said door according to the dimension of the opening of the slide. Regard should be had to have the opening cut through the door in a line with the rays of the light placed behind the door-plate, or the light from a hall lamp. *p a* represents the key by the use of which the slide is opened or shut the bit fitting on the drill-pin *g* and tumbler stump *j*, and the main grip fitting into the notch *g* of the fowler in Figs. 2 and 4. The tumbler grips on the studs on levers *d d*.

Having thus fully described the nature of my invention and shown the manner in which the same is operated I do not claim to be the first to have constructed transparent door-plates, but

What I do claim is—

The combining of the transparent door plate with the ordinary metallic door plate, also the combination of levers and bolts to operate the slide constructed in the manner and for the purpose herein set forth.

EDMOND I. SAUSE.

Witnesses:

DAVID J. IVES,  
PETER H. DREYER.