

W. W. Whiting,

Hinge.

N^o 70,304.

Patented Oct. 29, 1867

Fig 1.

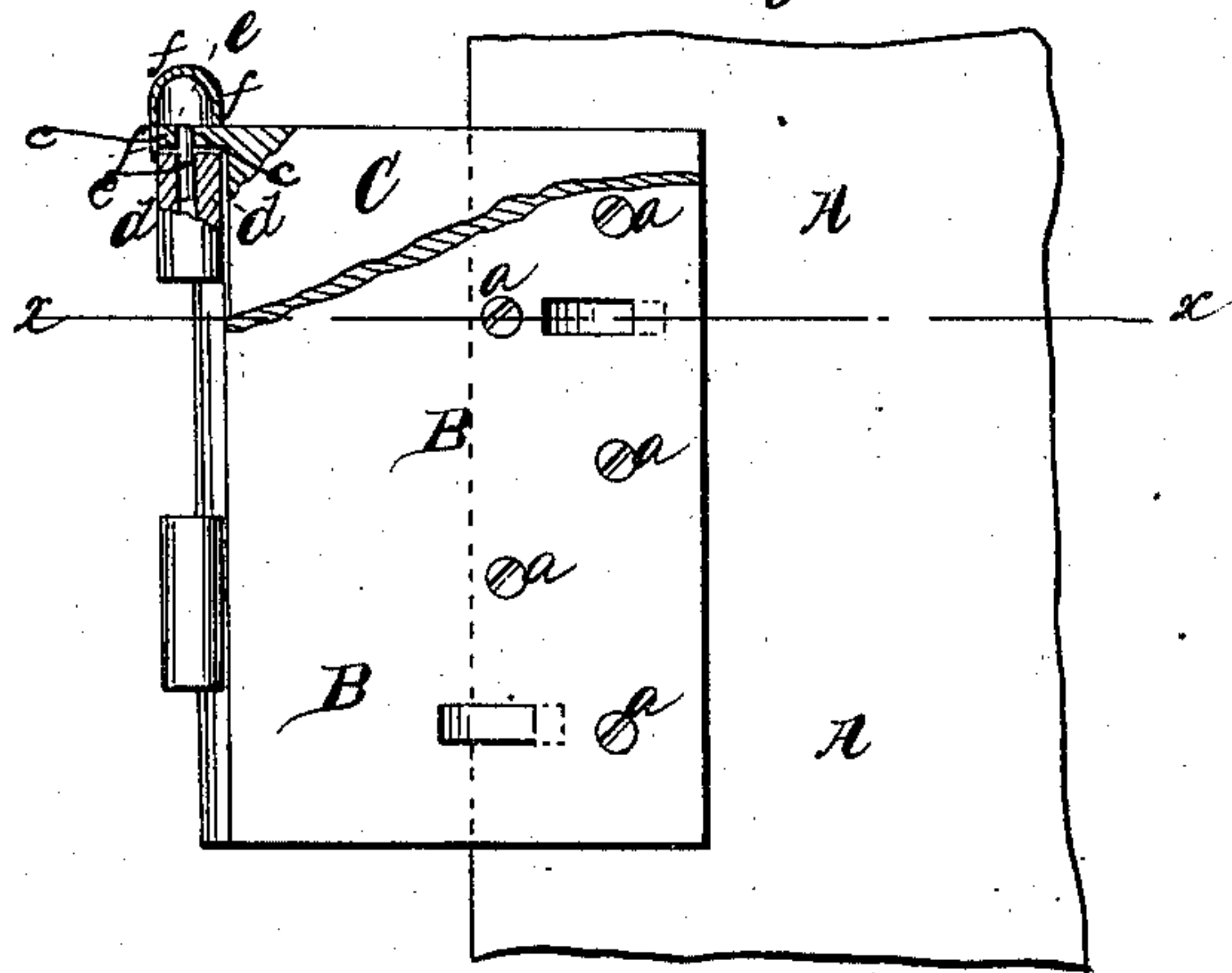


Fig 2.

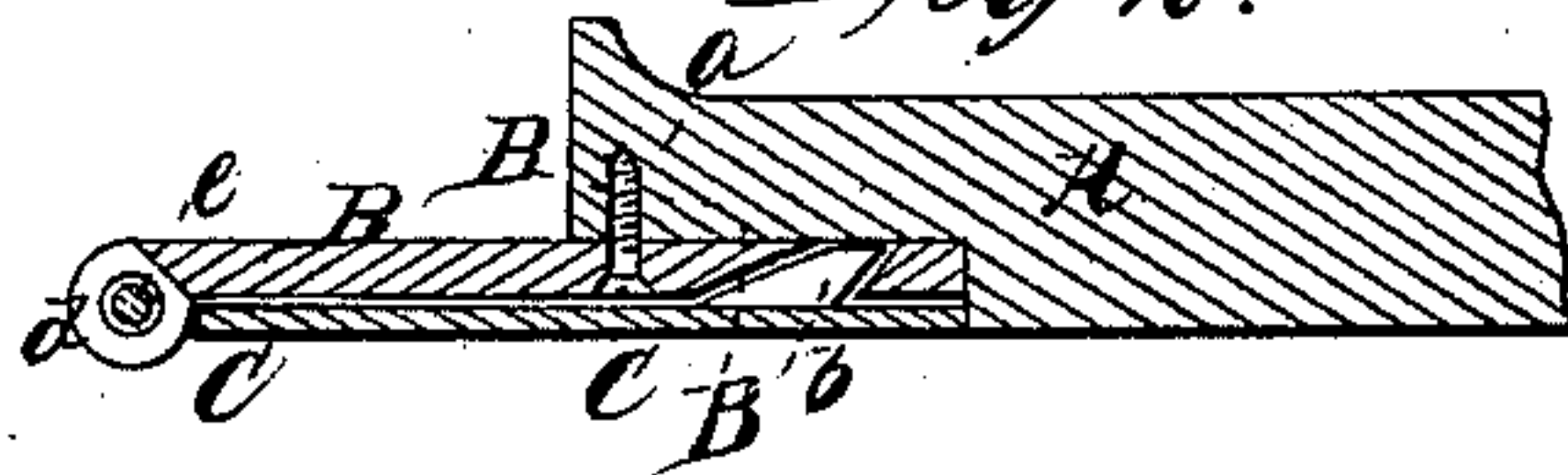


Fig 3.

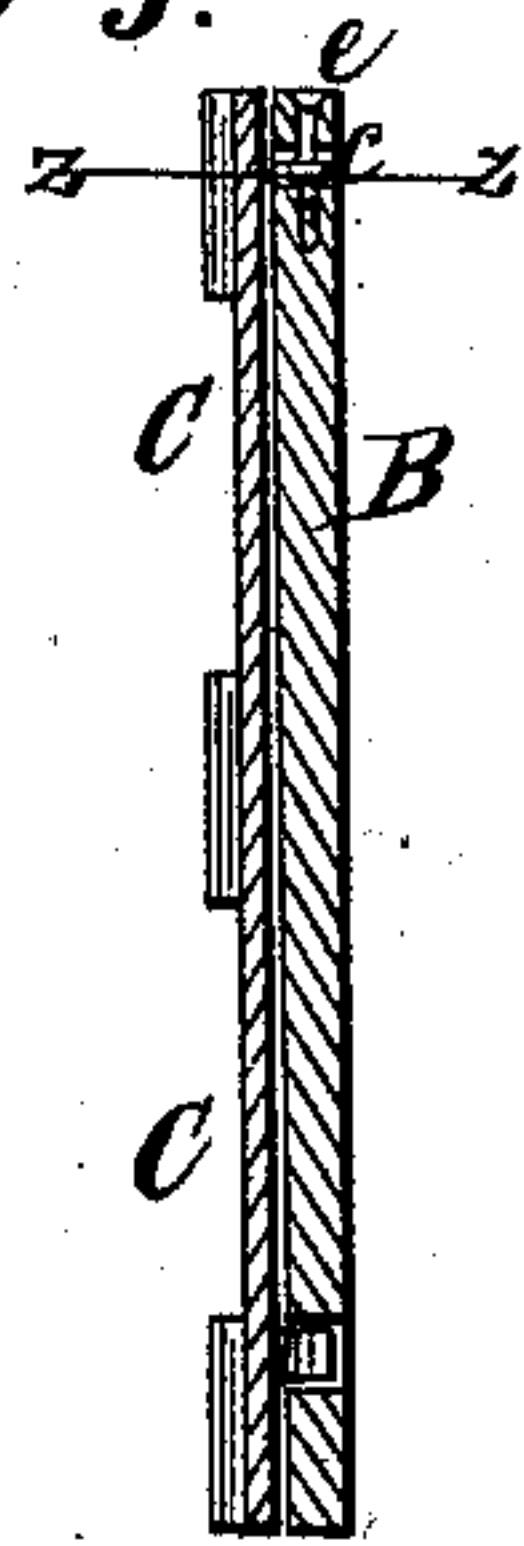
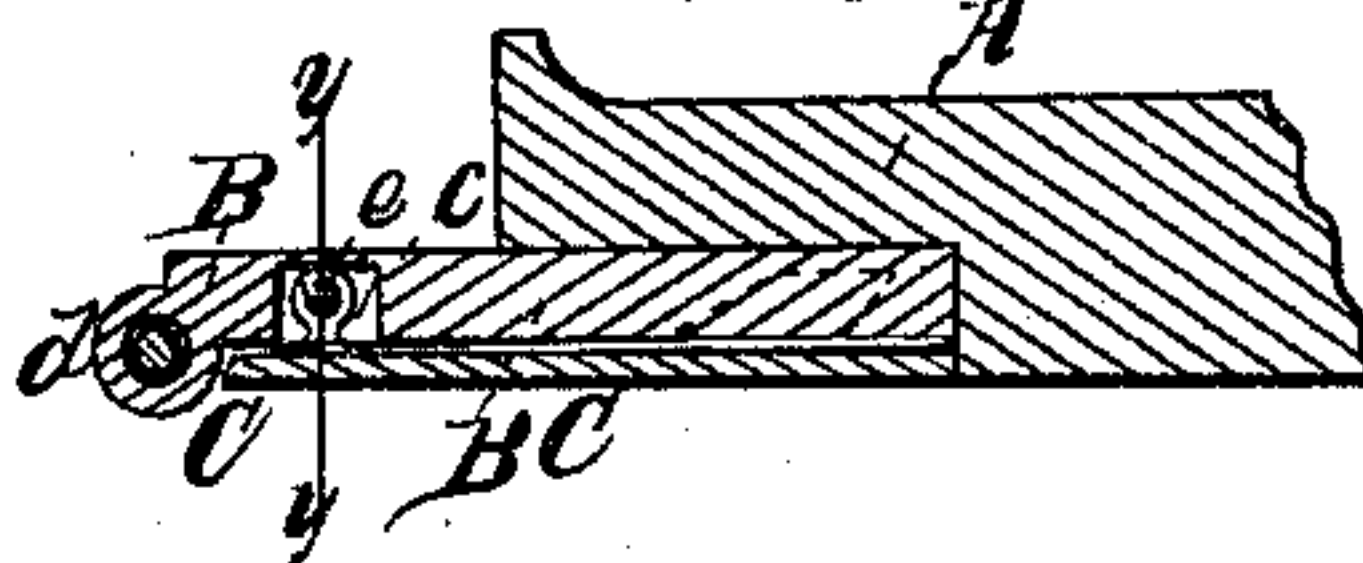


Fig 4.



Witnesses.

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WILLIAM W. WHITING, OF BROOKLYN, NEW YORK.

Letters Patent No. 70,304, dated October 29, 1867.

IMPROVED MODE OF FASTENING METAL PLATES UPON DOOR-HINGES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM W. WHITING, of Brooklyn, in the county of Kings, and State of New York, have invented a new and improved Manner of Fastening Metal Plates upon Door-Hinges; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a front view, partly in section, of my invention.

Figure 2 is a horizontal sectional view of the same, the plane of section being indicated by the line *xx*, fig. 1.

Figure 3 is a vertical sectional view, showing a modification of the same, the plane of section being indicated by the line *yy*, fig. 4.

Figure 4 is a horizontal sectional view of the latter, the plane of section being indicated by the line *zz*, fig. 3.

Similar letters of reference indicate corresponding parts.

This invention relates to a new method of fastening the silver-plated or other ornamental plates which are used to cover and conceal the screw-heads of door-hinges.

The invention consists in so securing the said plate upon the hinge that it can be easily detached for cleaning and other purposes, and can be easily refastened; and that it will be secured without the use of pins or screws, whose heads appear on the face and impair the appearance of the same. Heretofore such plates were secured upon the hinge-plate by means of screws with countersunk plated heads. Said heads did not only injure the appearance of the plate, but the latter could not conveniently be taken off on account of the screws.

A represents a portion of a door. B, the plate of the hinge, secured to the front of the door, by means of screws *a a*. C is the silver-plated or other ornamental covering plate, which is to cover and conceal the plate B and screws *a*. On the inner side of this plate are one or more projecting lugs *b b*, which are set inclined, as is clearly shown in fig. 2, and which fit into corresponding apertures in the plate B. On the upper edge of the plate C is formed a loop or eye, *c*, which fits smooth upon the socket *d*, of the hinge B. A pin, *e*, fitted through this eye into the socket *d*, securely connects the parts B and C together, so they cannot be taken apart unless the pin is taken out. Then they easily come apart. The head of the pin *e* may be covered with a sheet-metal or other cap, *f*, to conceal the creases formed between *c* and *d*, and between *d* and the head of the pin.

In figs. 3 and 4 a modification is shown. In this, the eye *c* is attached to the back or inside of the plate C, and fits through an aperture in the plate B, and is secured by a screw or pin, *e*, in fig. 3. The pin *e* in this latter case is fitted through a hole in the upper edge of the plate B, into the same, and through the eye *c*.

I claim as new, and desire to secure by Letters Patent—

Providing the plate C with one or more lugs *b b*, and with an eye, *c*, and securing it to the plate B of the hinge, by means of a pin or screw, *e*, substantially as and for the purpose herein shown and described.

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Witnesses:

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