

C. B. BISHOP.
 ESCUTCHEON PLATE.
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1,005,099.

Patented Oct. 3, 1911.

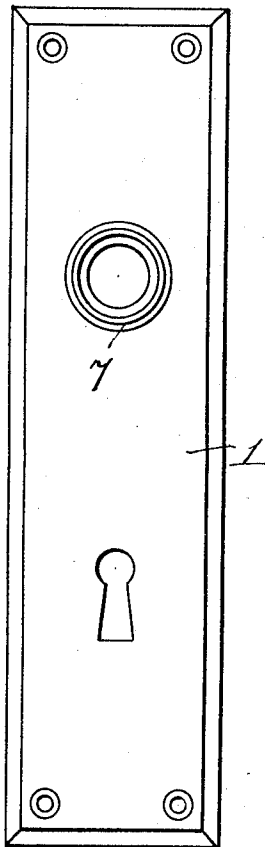


Fig. 1.

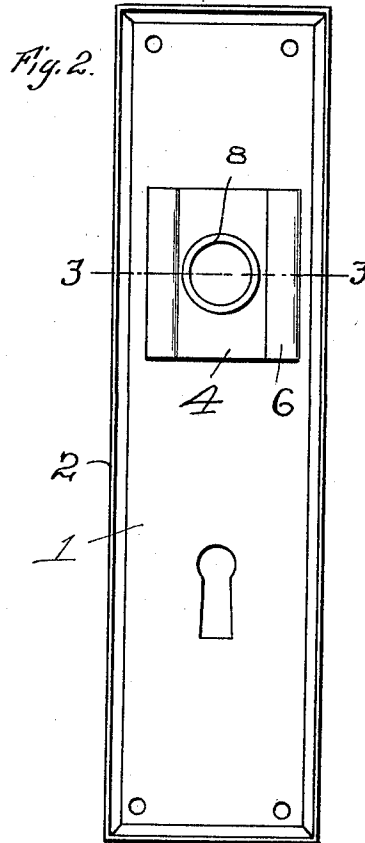


Fig. 2.

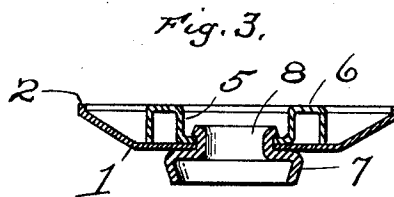


Fig. 3.

CHARLES B. BISHOP,

Inventor

Witnesses
 M. M. Dry.
 J. O. Kelly.

By *E. A. Kelly*
 Attorney

UNITED STATES PATENT OFFICE.

CHARLES B. BISHOP, OF READING, PENNSYLVANIA, ASSIGNOR TO READING HARDWARE COMPANY, OF READING, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

ESCUTCHEON-PLATE.

1,005,099.

Specification of Letters Patent.

Patented Oct. 3, 1911.

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To all whom it may concern:

Be it known that I, CHARLES B. BISHOP, citizen of the United States, residing at Reading, in the county of Berks and State of Pennsylvania, have invented certain new and useful Improvements in Escutcheon-Plates, of which the following is a specification.

This invention relates to improvements in escutcheon plates for use on doors, and the object is to provide a simple and effective support for the plate, where such plate is made of thin stamped metal. In such cases it is desirable to give the plate the proper support to compensate for the lack of thickness and rigidity in the plate itself, and this is accomplished by placing a suitable device on the back or hollow side of the plate and in line with the knob spindle which passes through it.

My invention in the present instance lies in the construction of this device or support, which consists of a piece of metal stamped from a flat sheet, and having its ends bent to form a pair of parallel bearing surfaces, which will lie flush with the inner edge of the escutcheon plate, and which bearing surfaces are supported rigidly by bending the extremities of the supporting plate so that they will rest against the inner side of the escutcheon plate.

The invention is more fully described in the following specification and clearly illustrated in the accompanying drawing, in which:—

Figure 1 is a front elevation of the escutcheon plate; Fig. 2 is a rear elevation thereof, and Fig. 3 is a sectional view, slightly enlarged, taken through the line 3—3 of Fig. 2.

The numeral 1 designates the body of the escutcheon plate, which, being of thin sheet metal, is stamped in the usual hollow back form and having the usual bearing edge 2 around its entire edge.

The numeral 4 designates the supporting device. This support is made of a sheet of metal and it has a central perforation adapted to be engaged by the knob rose. The sheet 4 is bent at right angles to the body portion, along two opposite sides, forming

a pair of parallel vertical walls 5, and the ends are then bent at right angles to these walls, thus forming bearing surfaces 6, which lie in the same plane with the bearing edge 2 of the escutcheon plate, which surfaces are adapted to bear against the door and thus support the hollow backed plate. The ends of the plate are then bent back, parallel with the vertical walls 5, so that their extremities lie in line with and against the inner surface of the escutcheon plate.

The numeral 7 designates the knob rose, which is of ordinary construction, having the usual boss 8 which is adapted to pass through the perforations in both the escutcheon plate and the support, and whose inner edge is turned over to securely hold the parts together.

The perforation in the support is the same size as that in the escutcheon plate, and when about to be assembled, the support 4 is placed against the back of the plate with their perforations registering; the boss of the knob rose is then passed through the registering perforations and secured, as described by turning the edge. This support will provide a pair of parallel bearing surfaces of considerable length and width, lying parallel also with the outer or bearing edges of the escutcheon plate, and while acting to effectually support the plate it will extend this support over such an area and in such lines that there will be no tendency to rock.

The bearing surfaces being supported against both the surface of the door and the inner surface of the plate, will insure a rigid bearing and the width of the bearing surfaces is such that the tendency to "cut into" the wood of the door is entirely eliminated.

The device is simple in construction, and its cost is comparatively small, while the ease with which it is attached and its effectiveness are evident.

Having thus fully described my invention, what I claim and desire to secure by Letters Patent is:—

An escutcheon plate having a hollow back and provided with a supporting plate, said plates having perforations for the knob spin-

dle, the supporting plate having two of its
opposite ends bent out of the plane of the
body portion to form two parallel, raised
beads, forming bearing surfaces, the ex-
5 tremity of the bent ends adapted to lie
against the inner surface of the escutcheon
plate.

In testimony whereof I affix my signature
in presence of two witnesses.

CHARLES B. BISHOP.

Witnesses:

ED. A. KELL,
CLARA E. YOUNG.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."