

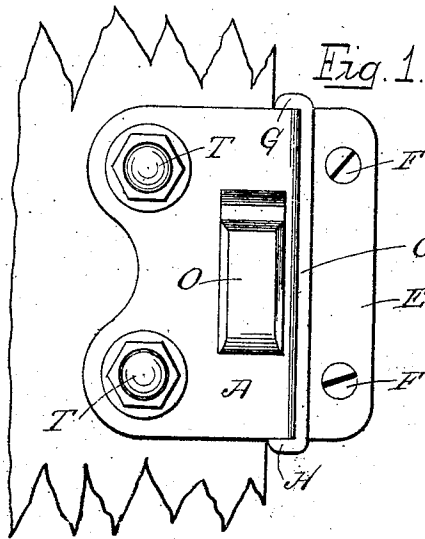
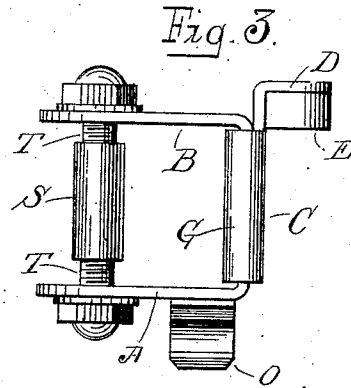
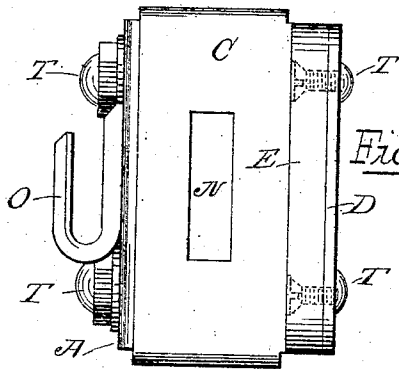
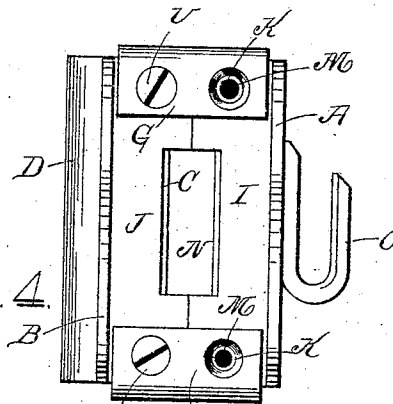
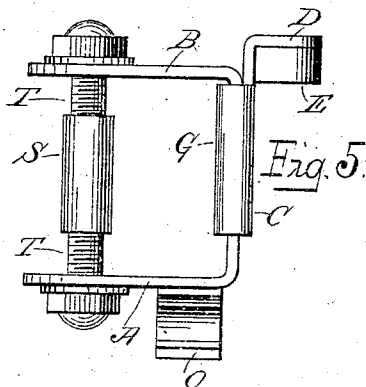
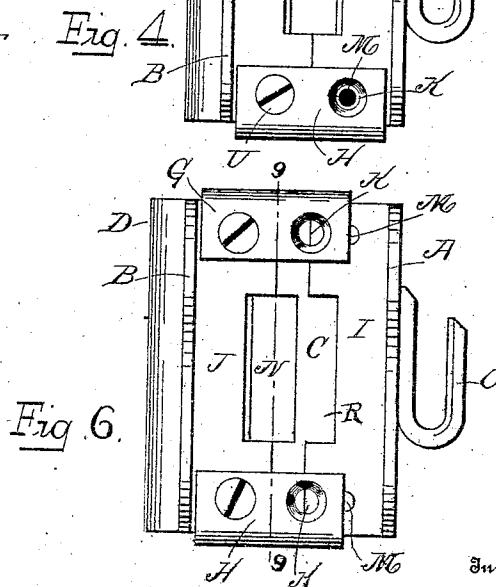
No. 848,859.

PATENTED APR. 2, 1907.

J. H. SHAW.
STRIKER PLATE.

APPLICATION FILED SEPT. 26, 1905.

2 SHEETS—SHEET 1.



Witnesses
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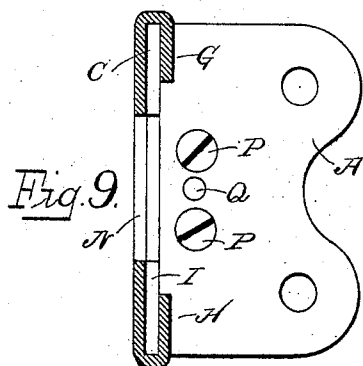
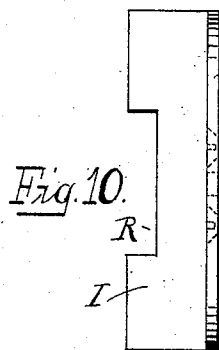
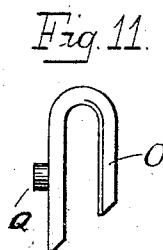
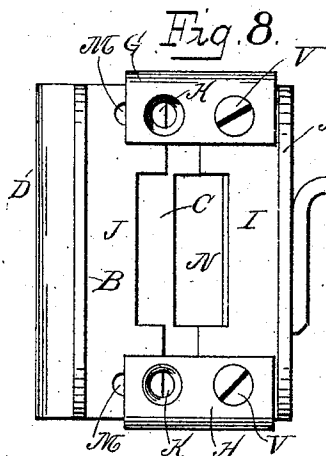
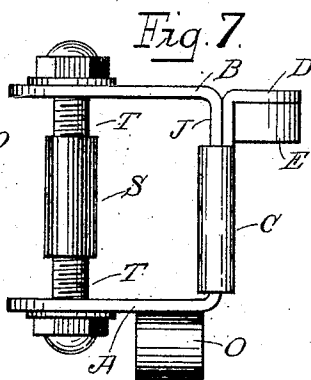
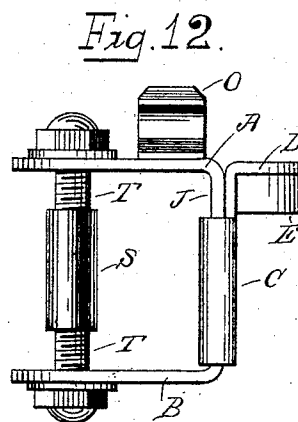
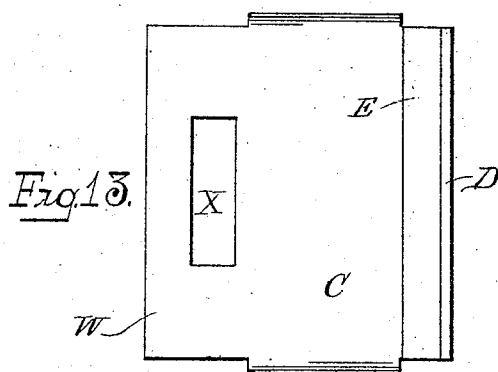
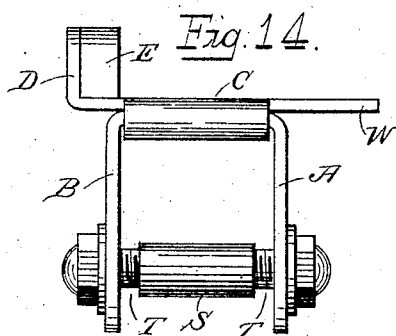
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UNITED STATES PATENT OFFICE.

JOHN H. SHAW, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO SARGENT & COMPANY, OF NEW HAVEN, CONNECTICUT, A CORPORATION OF CONNECTICUT.

STRIKER-PLATE.

No. 848,859.

Specification of Letters Patent.

Patented April 2, 1907.

Application filed September 26, 1905. Serial No. 280,210.

To all whom it may concern:

Be it known that I, JOHN H. SHAW, of the city and county of New Haven and State of Connecticut, have invented new and useful
5 Improvements in Striker-Plates, of which the following is a full, clear, and exact description.

This invention relates to striker-plates for doors, and more particularly is adaptable
10 for application to walls of marble, glass, &c.

The object of the invention is the production of a striker-plate adjustable to different thicknesses of the wall to which it is applied and adapted to doors swinging inward or outward and to such other varying conditions as
15 arise in this class of work.

To this end the invention consists of the several improvements and combinations of parts set forth and claimed hereinafter.

20 The invention is illustrated in the accompanying drawings, in which—

Figure 1 represents a side elevation of a striker-plate embodying my invention; Figs. 2, 3, and 4, front, top, and rear views, respectively, of the same; Figs. 5 and 6, top and rear views, respectively, of the striker-plate adjusted to a thicker wall; Figs. 7 and 8, top and rear views, respectively, of the
25 striker-plate adjusted to a thicker wall and adapted for use with a door hinged on the opposite edge; Fig. 9, a vertical section on line 9 9 of Fig. 6; Fig. 10, a rear view of one of the adjustable fastening-plates with the side latch-guard reversed; Fig. 11, a detail
30 view of the side latch-guard; Fig. 12, a top view of the striker-plate adapted for use on a door swinging outward; Figs. 13 and 14, front and top views, respectively, of a modified form of striker-plate, and Fig. 15 a detail vertical section of the sleeve of the fastening-screw. The fastening-screws are omitted in Figs. 4, 6, 8, and 9.

In all figures similar letters of reference represent like parts.

45 Referring to the drawings for a more particular description, the parts designated by the letters A and B represent two fastening-plates, which are shown L-shaped in cross-section, and C the front or striker plate,
50 which is provided at one side with a flange D, to which a cushion E, of rubber or other suitable material, is adapted to be secured by screws F or other suitable means. The front plate C is provided with prolongations

G and H at the top and bottom, which are
55 turned over or doubled on the front plate C to form at its rear a groove in which the portions I and J of the fastening-plates A and B may slide. In the prolongations G and H are screw-holes K, and corresponding screw-holes M are shown in the flanged portions I and J of the plates A and B. An oblong slot
60 N may be provided in the center of the front plate to form a front latch-guard for the latch of the door. The flanged portions I and J of the fastening-plates may be cut away, as
65 shown at R, so that when the edges of the flanges I and J abut against each other there will be formed an opening in the rear of the latch-guard N. (See Fig. 4.)
70

O designates a side latch-guard for use as a keeper for a lifting-latch, which may be formed, as shown, of a U-shaped piece of metal adapted to be secured to the side of one of the fastening-plates A by screws P or
75 other suitable means, Figs. 9 and 10. A stud Q is shown, Figs. 9 and 11, projecting laterally from the inner side of the guard O, which may enter a perforation in the plate A. Cylinders S, internally screw-threaded, Fig. 15, are
80 adapted to fit between the fastening-plates A and B and be engaged by screws T, projecting through the plates.

The application of the striker-plate to the wall is accomplished as follows: The front
85 plate or striker-plate proper, C, is placed on the edge of the wall toward the door, as shown more particularly in Fig. 1, and the inner face of the cushion E is adapted to be in alinement with the outside trim of the marble wall. One of the fastening-plates, as B,
90 is secured to the front plate C by means of screws U, and the other fastening-plate, as A, is forced toward the plate B until it bears against the opposite side of the marble
95 wall. The cylinders S having been placed in holes drilled in the wall the screws T are screwed home to hold the fastening-plates and the striker-plate in place. The plate,
100 such as A, which is not screwed to the striker-plate, may be adjusted to any size of wall, as shown more particularly in Figs. 3-6. In Figs. 3 and 4 the fastening-plates are shown adjusted to a narrow wall, while in Figs. 5 and 6 the plate A is farther removed from the
105 plate B, so that the plates are adjusted for a wall considerably thicker than that for which the plates are shown adjusted in Figs. 3 and

4. Either plate A or B may be secured to the striker-plate and the other act as the adjustable plate. Figs. 7 and 8 show the plate A secured to the striker-plate by screws V, while the plate B is slidable on the striker-plate.

When it is desired to use the side latch-guard O on a door swinging in the opposite direction from that for which it is shown adjusted in Figs. 1-6, it is only necessary to loosen the screws P and turn the latch-guard O on the stud Q to extend in the opposite direction, as shown in Figs. 7, 8, 10, and 11. In case the door swings on the outside of the wall instead of on the inside the fastening-plates A and B are reversed, so that the fastening-plate A, which carries the latch-guard O, will be on the same side of the striker-plate C, as the cushion E, Fig. 12.

It will be seen from the above description that the striker-plate is adjustable to walls of different thicknesses, to right and left hand doors, and to doors swinging inward or outward, and is thus adaptable to all the varying conditions arising in the mounting of doors of this character.

In the modifications suggested in Figs. 13 and 14 a side latch-guard is provided which is connected with the striker-plate C itself instead of with one of the fastening-plates. The side of the striker-plate opposite the cushion E is prolonged, as shown at W, and in this prolongation is an oblong slot X, adapted for the reception of the latch.

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

1. In a striker-plate, or similar article, the combination with a front plate; of a plurality

of separate fastening-plates adjustable on said front plate; and means for securing said fastening-plates to the wall or other article, substantially as described.

2. In a striker-plate, or similar article, the combination with a front plate; of a plurality of separate fastening-plates adjustable in connection with said front plate; and means for securing one of said fastening-plates to said front plate and said fastening-plates to the wall, or other article, substantially as described.

3. In a striker-plate, or similar article, the combination with a front plate; of a plurality of L-shaped fastening-plates having flanges adapted to slide on said front plate; and means for securing said flanges to said front plate and said fastening-plates to the wall or other article, substantially as described.

4. In a striker-plate, or similar article, the combination with a front plate; of a fastening-plate adjustable thereon; a reversible latch-guard pivotally mounted on said fastening-plate; and means for holding said latch-guard in either one of two positions, substantially as described.

5. In a striker-plate, or similar article, the combination with a front plate; of a fastening-plate adapted to be applied to either side of said front plate; and a latch-guard secured to said fastening-plate, substantially as described.

In witness whereof I have hereunto set my hand on the 23d day of September, 1905.

JOHN H. SHAW.

Witnesses:

L. J. KIRKHAM,
A. A. WILSON.