No. 702,696. Patented June 17, 1902.

E. BOMMER.

DOOR STRIKE.

(Application filed Apr. 5, 1902.)

(No Model.)

Fig:1.

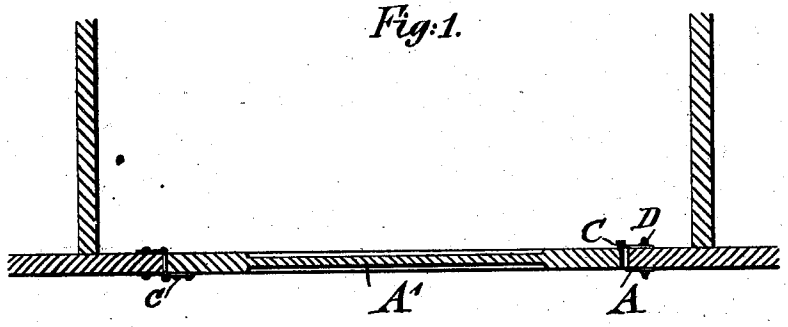


Fig:2.

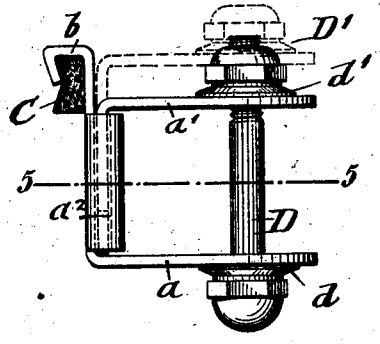


Fig:3.

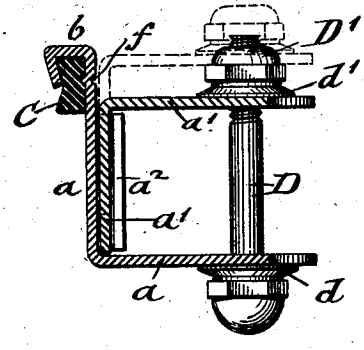


Fig:4.

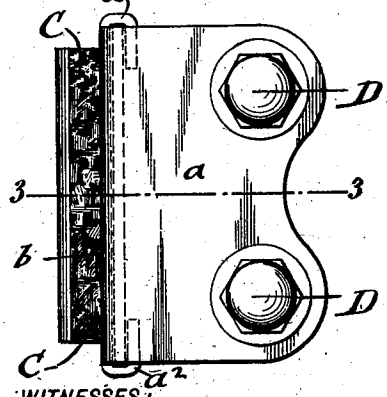
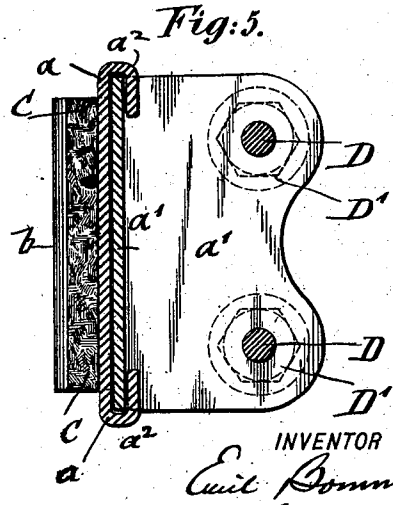


Fig:5.



WITNESSES:

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DOOR-STRIKE.

SPECIFICATION forming part of Letters Patent No. 702,696, dated June 17, 1902.

Application filed April 5, 1902. Serial No. 101,492. (No model.)

To all whom it may concern:

Be it known that I, EMIL BOMMER, a citizen of the United States, residing in New York, borough of Brooklyn and State of New York, have invented certain new and useful Improvements in Strikes for Doors, of which the following is a specification.

This invention relates to an improved strike for the spring-actuated doors of water-closets in office and public buildings, railway-stations, hotels, &c., so that the strike can be adjusted to the different thicknesses of the marble, slate, glass, or other walls to which the same is to be applied, and thereby instead of several sizes only one size of strike has to be kept in stock; and the invention consists of a strike for spring-actuated doors which comprises a box-shaped body of U-shaped cross-section, said body being made of two L-shaped sections guided one on the other, one section being provided with an outwardly-bent dovetailed flange, in which an elastic cushion is placed, and with inwardly-bent flanges at its upper and lower ends for guiding the other section, so as to permit its adjustment to the thickness of the wall to which the strike is to be applied.

The invention consists, further, of certain details of construction and combinations of parts, which will be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 is a horizontal section showing the arrangement of the spring-actuated door and of its strike on the marble or other walls to which they are applied. Figs. 2 and 3 are respectively a plan view and a horizontal section of the strike on line 3 3, Fig. 4, drawn on a larger scale; and Figs. 4 and 5 are respectively a side elevation and a vertical longitudinal section of the strike on line 5 5, Fig. 2.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the body of my improved strike for spring-actuated doors A'. The body A is made in box shape and formed of two L-shaped sections a a', the transverse portion of one section, a, overlapping the transverse portion of the other section, a'. The section a' is guided in the section a, which is provided at its upper and lower edges with inwardly-bent flanges or keepers a^2 and with an outwardly-bent dovetailed flange b, that extends along the entire height of the section a and serves for holding the rubber cushion C, against which the door A' strikes when it is moved by its spring-hinges c into closed position. The box-shaped body A is placed on the marble or other wall and attached thereto by means of bolts D, having washers d d', which are placed below the heads of the bolts and below the screw-nuts D', that are applied to the threaded ends of the bolts. The fastening-bolts are made of sufficient length so as to provide for the adjustment of the L-shaped sections to different thicknesses of partitions, the bolts being threaded for a sufficient length thereof to permit the nuts to tightly clamp the strike to different thicknesses of partition, as shown in dotted lines in Fig. 2.

In applying the strike to the partition the fastening screw-bolts are first removed from the box-shaped body A and the L-shaped sections adjusted to the thickness of the partition. The box-shaped body A is then placed in position on the partition and the bolts passed through the holes drilled in the partition and the holes in the L-shaped sections of the body A, after which the screw-nuts are applied and screwed up tightly, so that the strike is firmly attached in position on the partition. The dovetailed cushion-holding flange b may be punched inwardly at one or more points, as shown at f in Fig. 3, so as to press into the cushion and retain it firmly against longitudinal displacement.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A strike for spring-actuated doors, consisting of a box-shaped body formed of two L-shaped sections, guided one on the other, one of said sections being provided with an elastic cushion along its edge, and means for attaching said body to the partition-wall, substantially as set forth.

2. A strike for spring-actuated doors, consisting of a box-shaped body formed of two L-shaped sections, guided one on the other, one

of said sections being provided with guide-flanges at its upper and lower ends and with an outwardly-bent dovetailed flange at its edge, an elastic cushion in said flange, transverse fastening-bolts connecting the ends of said sections, and screw-nuts for said bolts, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

EMIL BOMMER.

Witnesses:

PAUL GOEPEL,

HENRY SUHRBIER.