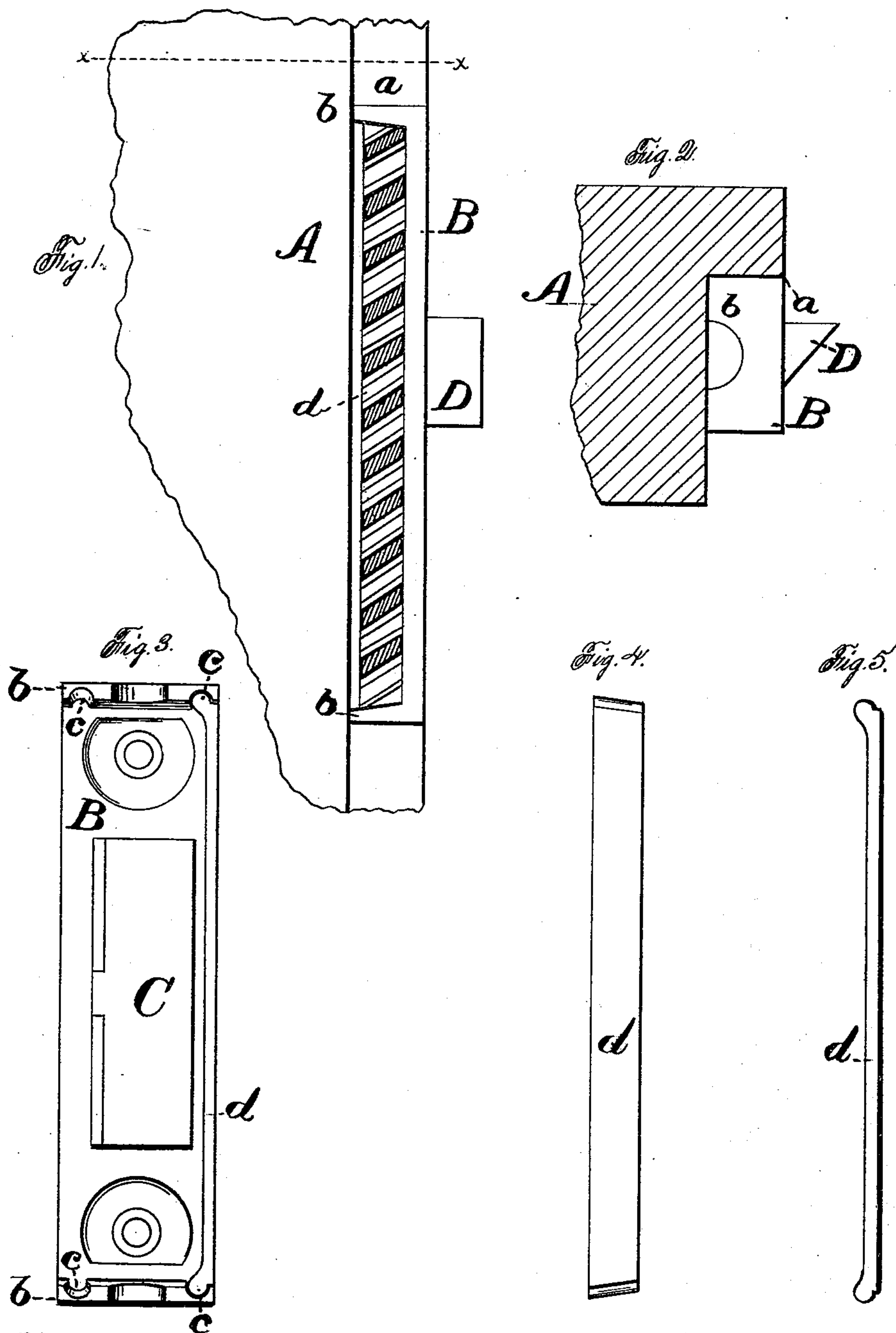


(Model.)

W. E. SPARKS.
FACE PLATE FOR LATCHES.

No. 250,849.

Patented Dec. 13, 1881.



Witnesses.
John Edwards Jr.
Samuel S. Burri

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att'y

UNITED STATES PATENT OFFICE.

WILLIAM E. SPARKS, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO
P. & F. CORBIN, OF SAME PLACE.

FACE-PLATE FOR LATCHES.

SPECIFICATION forming part of Letters Patent No. 250,849, dated December 13, 1881.

Application filed September 30, 1881. (Model.)

To all whom it may concern :

Be it known that I, WILLIAM E. SPARKS, of New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Face-Plates for Latches, of which the following is a specification.

My invention relates to improvements in face-plates for latches for rabbeted doors in which end plates are formed on the ends of the face-plate, and a side face fitted in between said end plates is changeable from side to side; and the objects of my invention are convenience of changing the side face to adapt it for use upon either a right or left hand door and cheapness of construction. I attain these objects by the simple mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of the latch applied, together with a portion of the door. Fig. 2 is a sectional view of the same on line *xx* of Fig. 1. Fig. 3 is a view showing the back or inside of the face-plate. Fig. 4 is a side elevation of the changeable side face; and Fig. 5 is an edge view of the same.

A designates a portion of a door having a rabbet, *a*, at the edge.

B designates the face-plate of the latch. To the back or inside of this face-plate the latch-case C, of any ordinary construction, is secured in any ordinary manner and with the ordinary latch-bolt, D, projecting therefrom. At each end of the face-plate B there is an end plate, *b*, projecting back from the face of B the depth of the rabbet *a*. Grooves *c c* are formed in

the confronting faces of the end plates, *b b*, as shown, into which the rounded ends of the side face, *d*, is received. For convenience of casting I make the ends of *d* and confronting sides of *b*, having the grooves *c*, a little tapering, as shown, but the taper is not essential. I prefer to make the side face, *d*, ornamental. This face-piece *d* can be taken out from one side, turned half-way around, end for end, and inserted in the grooves at the other side.

The latch is placed upon the door with one edge of the face-plate B in the corner of the rabbet, leaving the side face exposed, as shown, and by changing said face from side to side, and reversing the latch-bolt in any ordinary manner the latch is adapted for either a right or left hand rabbeted door.

It should be noticed that the side face, *d*, is inserted in between the end plates, *b b*, from the back side, so that when secured upon the door it cannot work backward out of place. If desired, the face-plate B may be used upon a door with a plain edge by removing the side face and sinking the end plates and face-plate into the door.

I claim as my invention—

The combination of the face-plate B, end plates, *b b*, and the changeable side face, *d*, fitted in between said end plates, substantially as described, and for the purpose specified.

WILLIAM E. SPARKS.

Witnesses:

CHARLES PECK,
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