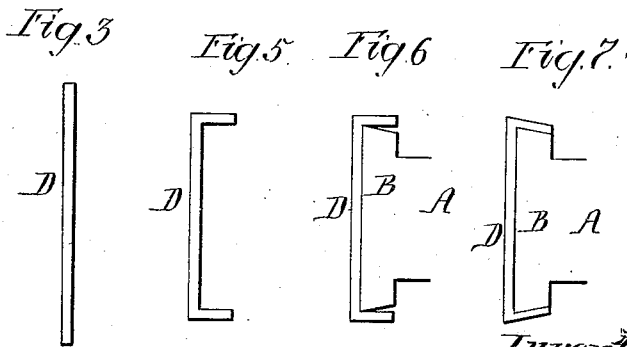
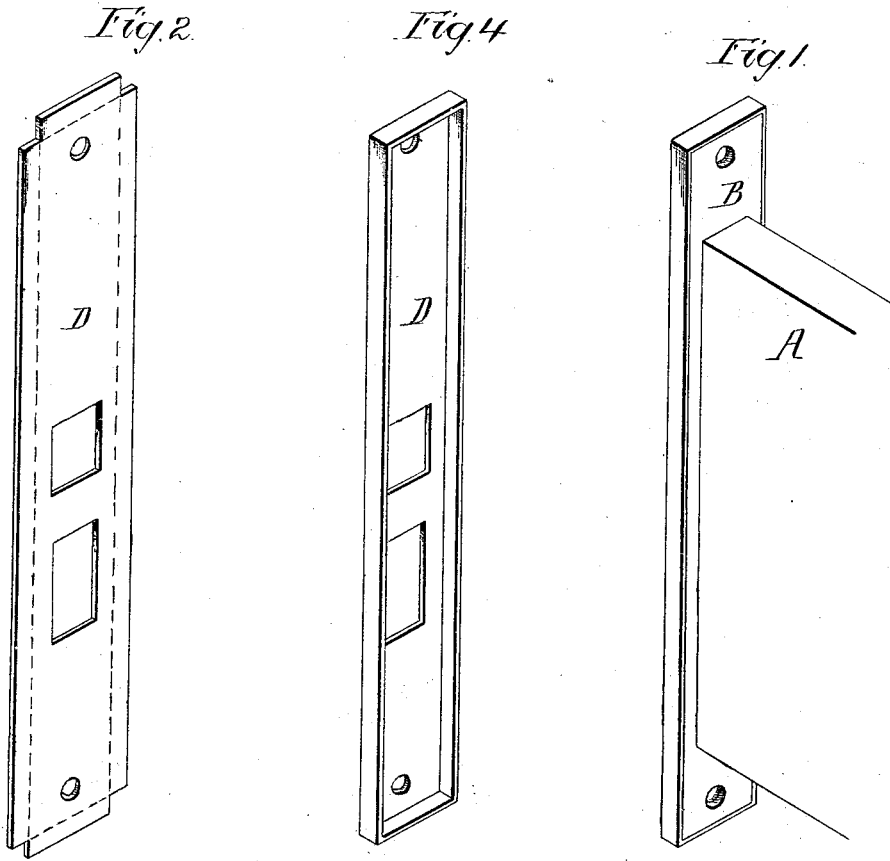


A. STEWART.  
FACE-PLATES FOR LOCKS.

No. 191,191.

Patented May 22, 1877.



Witnesses  
Richard L. Gardner  
Henry Smith

Inventor  
Arthur Stewart  
by his Attorneys  
Howson and Son

# UNITED STATES PATENT OFFICE.

ARTHUR STEWART, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND W. HARRY MATTSON, OF SAME PLACE.

## IMPROVEMENT IN FACE-PLATES FOR LOCKS.

Specification forming part of Letters Patent No. **191,191**, dated May 22, 1877; application filed January 15, 1877.

*To all whom it may concern:*

Be it known that I, ARTHUR STEWART, of Philadelphia, Pennsylvania, have invented an Improvement in Locks, of which the following is a specification:

My invention relates to an improvement in brass-mounted mortise-locks; and the objects of my invention are economy and simplicity in the use of and mode of applying the sheet-brass.

In the accompanying drawing, Figure 1 is a perspective view of part of a mortise-lock, A being part of the cast-iron frame or box, and B the plate, which is usually set into the edge of the door, and through slots in which project the bolt and latch. In locks of this class the plate B is usually made of solid brass, riveted to the iron box of the lock, or, when a thin plate of malleable brass has been used, it has been secured by lapping one or both edges over and against the back of the plate B, screws or rivets being relied upon for additional security. I lessen the cost of both these plans in the following manner:

The plate B is cast on and forms a part of the iron box or frame, and this plate is slightly beveled on all four edges. A comparatively thin strip, D, of rolled brass is formed by suitable cutting-dies to the shape shown in Figs. 2 and 3, the latter being an exaggerated section of the former, after which the strip is bent by suitable flanging-dies near each of the

four edges on the dotted lines shown in Fig. 2, so that the strip shall be reduced to the box-like form shown in Figs. 4 and 5, the dimensions within the flanges being such that the strip will fit snugly, but freely, over the plate B, as shown in Fig. 6. By pressure or impact all four edges of the brass strip are forced against the four beveled sides of the plate B, which is so tightly embraced by the strip that the latter becomes, essentially, a part of the plate, and does not require the aid of screws or rivets for its security. All that now remains to complete the work is to impart a proper finish to the face and edges of the brass strip.

I do not desire to claim, broadly, the facing of the plate B of a lock with sheet-brass, as this has been heretofore done in the manner referred to above; but

I claim as my invention—

A mortise-lock in which the plate B, having all four edges beveled, is combined with a brass strip, D, having four flanges adapted and compressed to the said beveled edges of the plate, all as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ARTHUR STEWART.

Witnesses:

HERMANN MOESSNER,  
HARRY SMITH.