

No. 611,979.

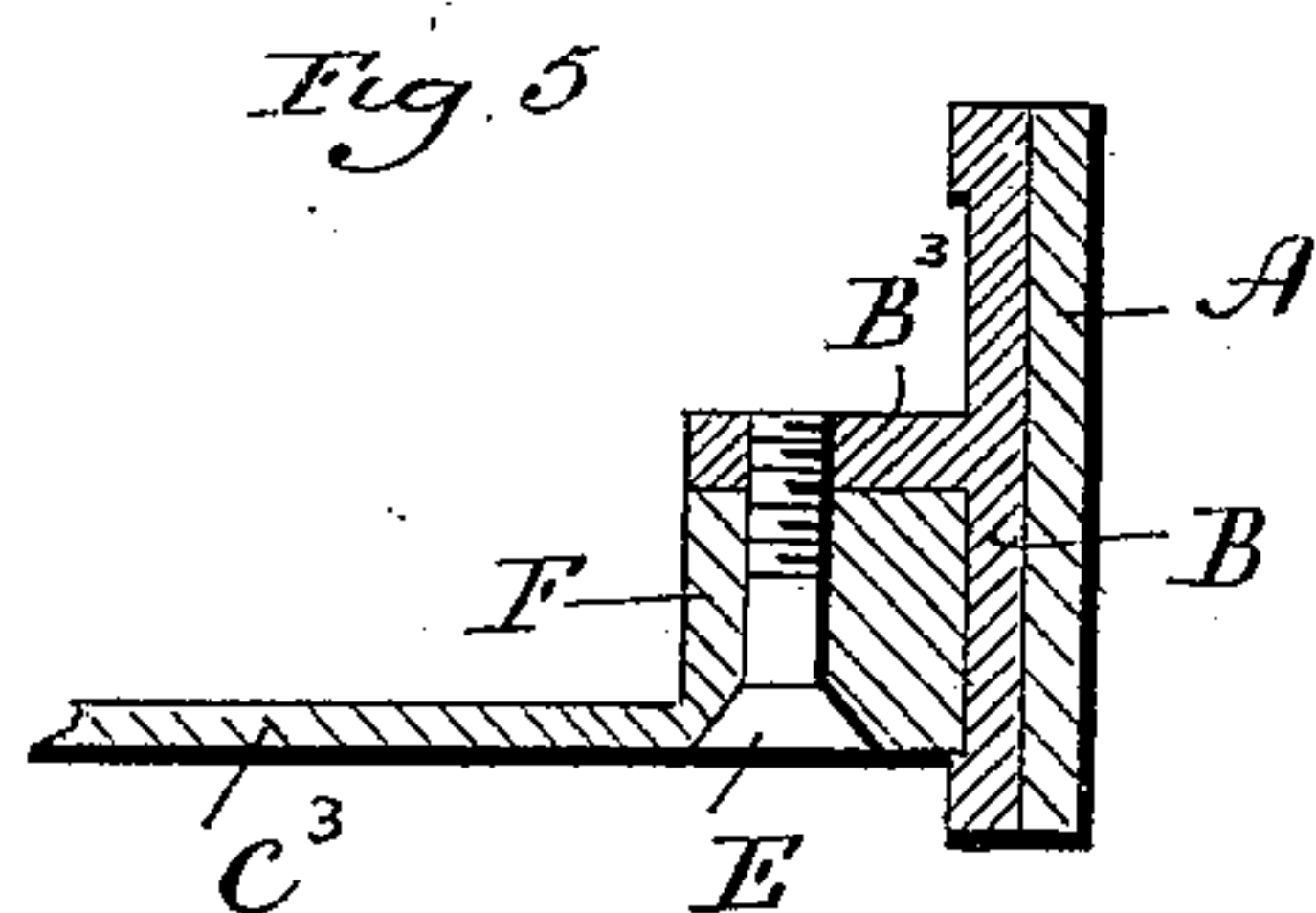
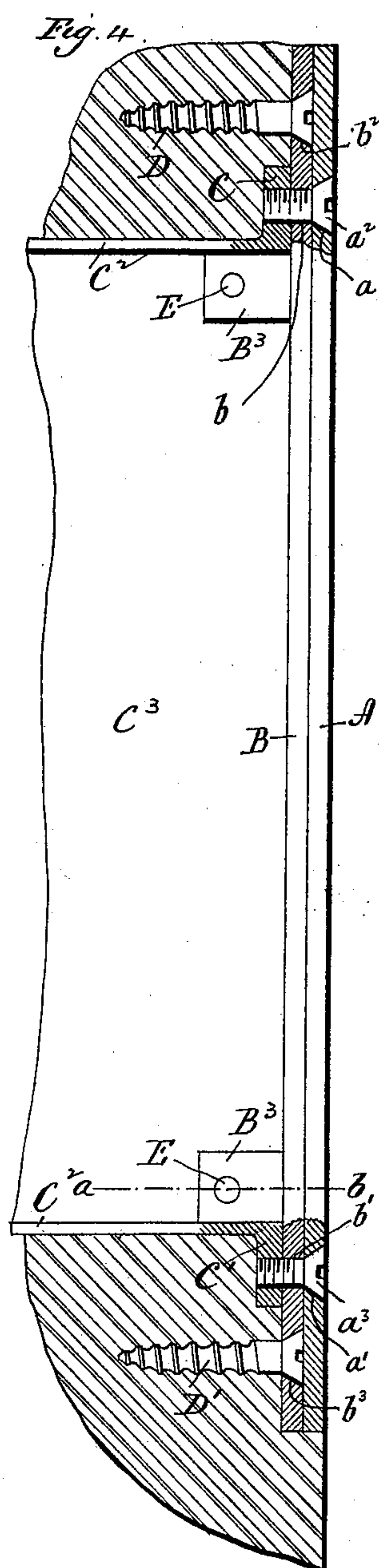
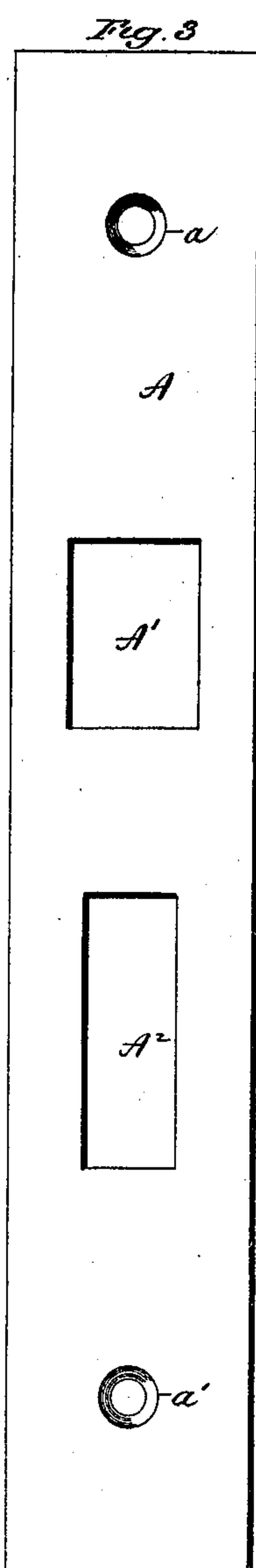
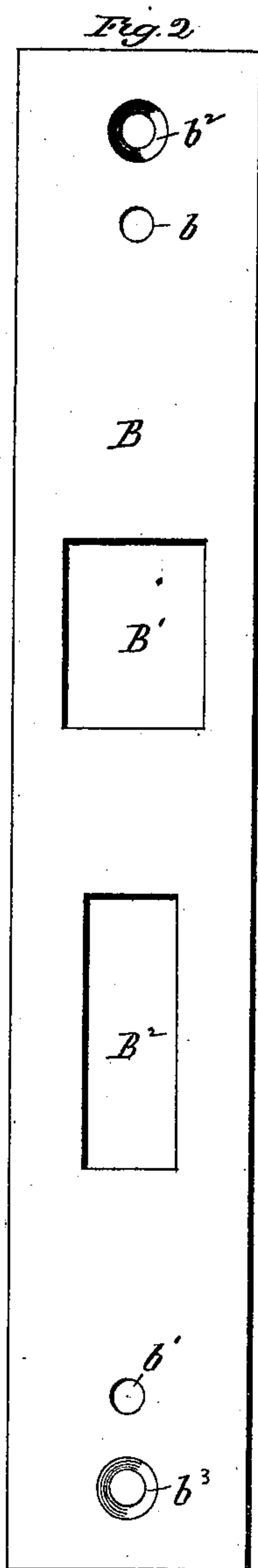
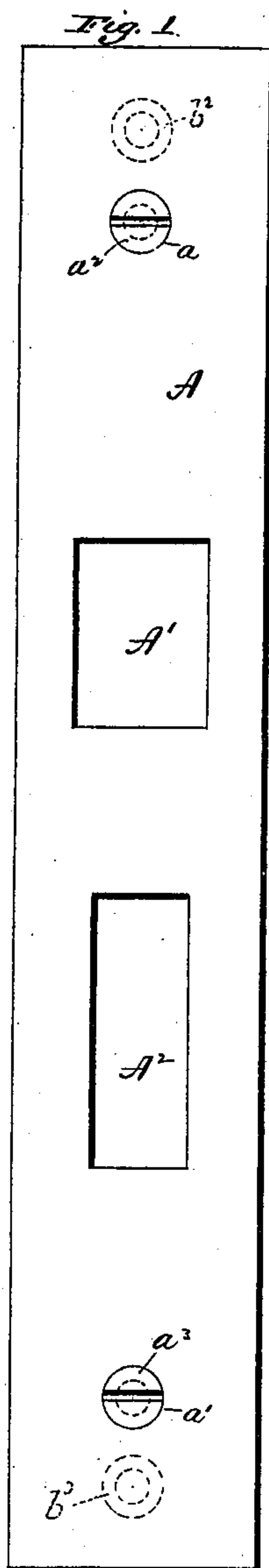
Patented Oct. 4, 1898.

J. H. SHAW.

LOCK.

(Application filed Jan. 25, 1898.)

(No Model.)



Witnesses  
J. H. Shaw  
Lillian D. Kellogg.

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# UNITED STATES PATENT OFFICE.

JOHN H. SHAW, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO THE  
SARGENT & COMPANY, OF SAME PLACE.

## LOCK.

SPECIFICATION forming part of Letters Patent No. 611,979, dated October 4, 1898.

Application filed January 25, 1898. Serial No. 667,891. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN H. SHAW, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Locks; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view in front elevation of a lock provided with my improved supplemental face-plate; Fig. 2, a view of the same with the supplemental face-plate removed; Fig. 3, a detached view, in front elevation, of the supplemental face-plate itself; Fig. 4, a broken view, in vertical section, of the lock, showing the supplemental face-plate and the true face-plate and the means by which they are secured in place; Fig. 5, a broken transverse view on the line *a b* of Fig. 4.

My invention relates to an improvement in locks, the object being to provide them with what I may call "supplemental face-plates" corresponding in shape to their true face-plates and covering the same, so as to prevent the fastening-screws passing through the same from accidentally working loose or from being surreptitiously removed.

With these ends in view my invention consists in a lock provided with a supplemental face-plate and having certain details of construction, as will be hereinafter described, and pointed out in the claims.

In carrying out my invention as herein shown I employ a supplemental face-plate A, exactly corresponding in shape to the true face-plate B or the face-plate proper of the lock, the supplemental face-plate having a latch-bolt opening A', corresponding to the latch-bolt opening B' of the true face-plate, and a locking-bolt opening A<sup>2</sup>, corresponding to the locking-bolt opening B<sup>2</sup> of the said true face-plate. The supplemental face-plate is formed with two counterbored screw-holes *a a'*, located well within its respective ends and receiving supplemental screws *a<sup>2</sup> a<sup>3</sup>*, which pass through supplemental screw-holes *b b'*, formed in the true face-plate, and enter screw-holes formed in two outwardly-projecting

supplemental face-plate lugs C C', formed integral with the upper and lower walls C<sup>2</sup> C<sup>2</sup> of the lock-case C<sup>3</sup>, which is itself secured in place in its mortise by heavy fastening-screws D D', passing through counterbored screw-holes *b<sup>2</sup> b<sup>3</sup>*, formed in the true face-plate at points outside of the supplemental screw-holes *b b'*, provided for the reception of the supplemental screws *a<sup>2</sup> a<sup>3</sup>*, as aforesaid, the screw-holes *b<sup>2</sup> b<sup>3</sup>* being "dodged," so to speak, with respect to the screw-holes *a<sup>2</sup> a<sup>3</sup>*. The true face-plate, it will be observed, is provided with integral inwardly-projecting lugs B<sup>3</sup> B<sup>3</sup>, receiving retaining-screws E, which are entered into screw-holes located in specially-formed block-like shoulders F, formed integral with the lock-case C<sup>3</sup>, as shown in Fig. 5.

It will be readily understood by an inspection of the drawings that when the supplemental face-plate A is secured in place by means of the supplemental screws *a<sup>2</sup> a<sup>3</sup>* it will completely cover and conceal the true face-plate, and therefore cover and conceal the main fastening-screws D and D', preventing those screws from working loose accidentally and also preventing them from being surreptitiously taken out for the removal of the lock from its mortise. By making the supplemental face-plate of full size with the true face-plate the same is completely covered and protected and the necessity of finishing any part of the same avoided. Furthermore, by fastening the supplemental face-plate, not to the true face-plate, but directly to the lock-case, I reinforce and stiffen the lock and secure a device of greater solidity than if the supplemental face-plate were merely fastened to the true face-plate.

If, owing to the continual shocks transmitted to the true face-plate by the blows upon the bolt and the latch, the screws E E, by which the true face-plate is attached to the lock-case, become loosened, the said true face-plate will nevertheless be firmly held in place by the supplemental face-plate, which is independently attached to the lock-case by means of the supplemental screws A<sup>2</sup> and A<sup>3</sup>, which attach the supplemental face-plate to the lock-case independently of the attachment of the true face-plate thereto, whereas



if the supplemental face-plate were merely secured to the true face-plate in the manner practiced prior to my invention the loosening of the screws E, employed to attach the true face-plate to the lock-case, would not affect the true face-plate. It will thus be seen that in addition to its primary function of covering and concealing the main fasteningscrews D, by means of which the lock as an entirety is secured in place, the supplemental face-plate under my invention performs the function of holding the true face-plate tight in case the screws which connect it with the lock-case become loosened. It is obvious also that the supplemental face-plate may be more solidly secured to the lock-case than to the true face-plate and that by securing it to the lock-case in such a manner as to reinforce the attachment of the true face-plate thereto the entire organization of the lock is made more cohesive and stable.

It is apparent that in applying my improvement to different kinds of locks the shape of the supplemental face-plate and the character of the openings formed in it will be subject to change. I would therefore have it understood that I do not limit myself to the exact construction herein shown and described, but hold myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of my invention. I am aware, however, that it is old to provide a lock with a supplemental face-plate applied over its true face-plate, and I do not therefore claim that construction broadly.

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

1. In a lock, the combination with the case thereof, of a true face-plate secured thereto and formed with the usual fasteningscrew holes, and also formed with supplemental screw-holes which are located nearer the lon-

gitudinal center of the plate than the said fasteningscrew holes, and a supplemental face-plate corresponding in shape to the said true face-plate which it covers and conceals and formed with screw-holes arranged to register with the supplemental screw-holes of the true face-plate, and screws passing through the screw-holes of the supplemental face-plate and through the supplemental screw-holes of the true face-plate and into the lock-case, whereby the supplemental face-plate is secured directly to the lock-case instead of to the true face-plate.

2. In a lock, the combination with a case furnished with outwardly-projecting supplemental face-plate lugs, of a true face-plate provided with lugs adapting it to be fastened directly to the said case and formed with the usual fasteningscrew holes which receive the screws by which the lock is secured in place, and with supplemental screw-holes which are located nearer the longitudinal center of the plate than the said fasteningscrew holes, a supplemental face-plate corresponding in shape to the said true face-plate and formed with screw-holes which register with the supplemental screw-holes of the true face-plate, and screws passing through the screw-holes of the supplemental face-plate, through the supplemental screw-holes of the true face-plate and into the outwardly-projecting supplemental face-plate lugs of the lock-case, whereby the supplemental face-plate is secured directly to the lock-case instead of to the true face-plate.

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

JOHN H. SHAW.

Witnesses:

LE ROY J. KIRKHAM,  
CHARLES H. CUTTS.