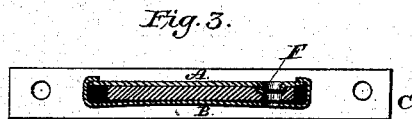
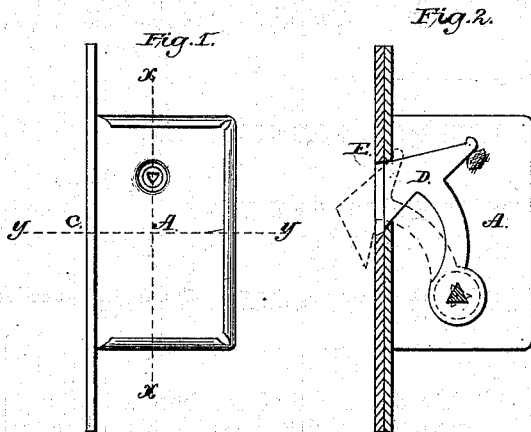


A. S. BLAKE.  
 LOCKS FOR PIANOS, &c.

No. 186,450.

Patented Jan. 23, 1877.



Witnesses  
 Elia Wrenn  
 Edward F. Cole

Inventor  
 Amos S. Blake

# UNITED STATES PATENT OFFICE.

AMOS S. BLAKE, OF WATERBURY, CONNECTICUT.

## IMPROVEMENT IN LOCKS FOR PIANOS, &c.

Specification forming part of Letters Patent No. **186,450**, dated January 23, 1877; application filed September 28, 1876.

*To all whom it may concern:*

Be it known that I, AMOS S. BLAKE, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Locks, which improvement is fully set forth in the following specification and accompanying drawing, in which—

Figure 1 is a side view of the lock complete. Fig. 2 is an interior view of the lock, the spring cover-plate being removed. Fig. 3 is a sectional view on the line *x x*, Fig. 1. Fig. 4 is a sectional view on the line *y y*, Fig. 1.

The object of my invention is to furnish a lock-case, the cap or cover-plate of which acts as a spring for holding the bolt in any position desired.

In the drawing, the main plate A of the lock-case is provided with a round key-hole, and around this hole, on the inside of the case, is formed a rim or flange, F, which serves as a pivot on which the bolt D turns. The inner end of the bolt D is provided with an angular-shaped key-hole, and in one side is formed a recess for the reception of the flange F, as shown in Fig. 3.

The outer end of the bolt is hook-shaped, for engaging with the catch-plate E, as shown in dotted lines, Fig. 2. The face-plate C is rigidly secured to the main plate A, and has a mortise through which the bolt D passes. The elastic or spring cover-plate B is turned up on one side, and its ends turned up and in, so as to hook or lap over the main plate A, as shown in Figs. 1 and 3.

The center of the spring cover-plate rests or rather presses upon the bolt, and holds the latter in the locked or unlocked position by friction.

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

The combination, with the main plate of the lock-case and the bolt, of the spring cover-plate B, provided with hooked ends and bearing upon the bolt to hold it in position, substantially as shown and described.

AMOS S. BLAKE.

Witnesses:

EDWARD F. COLE,  
CHAS. W. GILLETTE.