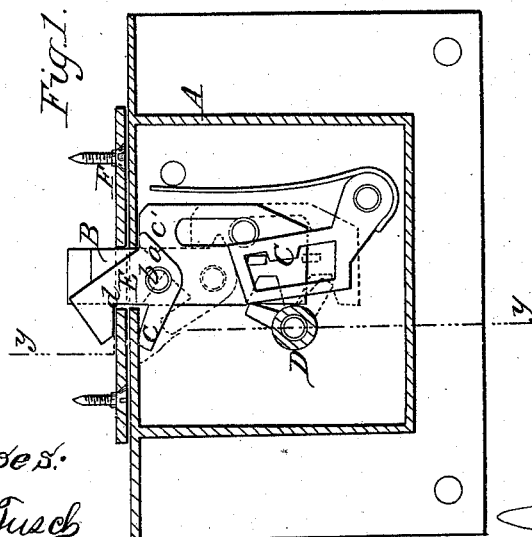
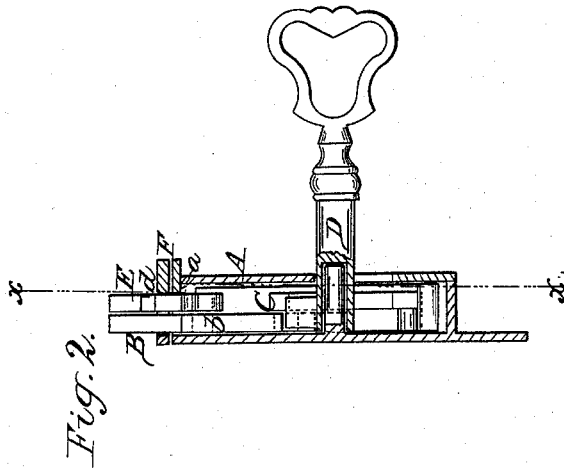


*A. F. Pfeifer,*  
*Piano Lock.*  
*N<sup>o</sup> 49,149. Patented Aug. 1, 1865.*



*Witnesses:*

*Thos. Tusch*  
*By J. H. Brown*

*Inventor:*

*A. F. Pfeifer*  
*By J. H. Brown*  
*[Signature]*

# UNITED STATES PATENT OFFICE.

A. F. PFEIFER, OF NEWARK, NEW JERSEY.

## LOCK FOR PIANOS.

Specification forming part of Letters Patent No. **49,149**, dated August 1, 1865.

### *To all whom it may concern:*

Be it known that I, A. F. PFEIFER, of Newark, in the county of Essex and State of New Jersey, have invented a new and Improved Lock; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an interior side view of my invention, the side of the lock-case nearest the eye being removed, as indicated by the line *xx*, Fig. 2; Fig. 2, a transverse vertical section of the same, taken in the line *y y*, Fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a new and improved lock for desks, pianos, chests, the cases of sewing-machines, &c.; and it consists in the employment or use of a bolt pivoted to a sliding bolt and arranged in such a manner as to turn over and catch into the plate which is attached to the lid or cover of the article to which the lock is applied, and at the same time be capable of turning back, so as to pass out of the plate when the lock is unlocked.

A represents the lock-case, which may be of the ordinary square form and provided with a sliding bolt, B, having a tumbler, C, connected with it. This tumbler C and bolt B are operated by means of a key, D, as usual. The bolt B passes or works through an opening, *a*, in the top of the case A, and it has a supplemental bolt, E, secured to it by a pivot, *b*. This bolt E is formed at its lower end with two

arms or projections, *c c'*, at opposite sides, as shown in Fig. 1, and it has a notch or recess, *d*, made in its left-hand side.

The notch or recess *d* admits of the bolt E turning and hooking over the edge of an opening in a plate, F, when the sliding bolt B is shoved upward through said opening, the bolt E being turned in consequence of its arm *c* coming in contact with the top of the case A. The other arm, *c'*, serves as a stop for the bolt B. In drawing down the bolt B the bolt E turns so as to free itself from the edge of the opening in the plate F, in consequence of the arm *c* being drawn down with the bolt B and from the top of the lock-case. It will be seen, therefore, that the bolt D cannot turn when in or through the plate F, in consequence of the arm *c* being in contact with the upper part or top of the lock-case.

This lock may be manufactured at a moderate expense, and it possesses the advantage of simplicity and containing no parts which are liable to get out of repair.

I do not claim, separately, the sliding bolt B and the tumbler C, for they are old and well known; but

I do claim as new and desire to secure by Letters Patent—

A lock provided with a supplemental bolt, E, pivoted to a sliding bolt, B, and arranged to operate in connection therewith in the manner substantially as described.

A. F. PFEIFER.

Witnesses:

G. SANDFORD,  
CHARLES P. ZIMMERMAN.