P. Peterson,

Permutation Lock.

No. 107,096. Patented Sep. 6. 1870.

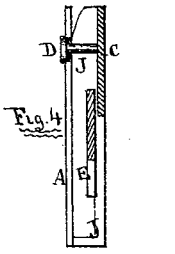

Fig. 4

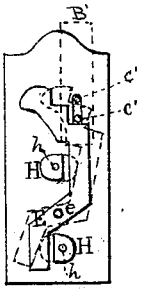

Fig. 3

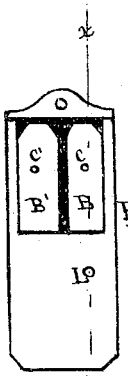

Fig. 2

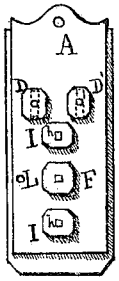

Fig. 1

Witnesses:
C. Hanway
Geo. H. Hanway.

Peter Peterson
by W. B. Richards & A. McCallum
Attys

United States Patent Office.

PETER PETERSON, OF ABINGDON, ILLINOIS.

Letters Patent No. 107,096, *dated September* 6, 1870.

IMPROVEMENT IN BOLT-FASTENINGS.

The Schedule referred to in these Letters Patent and making part of the same.

I, PETER PETERSON, of Abingdon, in the county of Knox and State of Illinois, have invented certain Improvements in Bolt-Fastenings, of which the following is a specification.

Nature and Objects of the Invention.

The nature of my invention relates to the combination of a pivoted lever, sliding bolt, and cam disks or segments of circles. The lever being pivoted, so it may be thrown round to engage with a stud on the bolt and prevent the same being unbolted. The disks so arranged that they may be made to hold the lever secure from releasing the bolt, all substantially as hereinafter described.

Description of the Accompanying Drawing.

Figure 1 is a view of my invention, showing the side from which it is operated.

Figure 2 is a view of the same, showing the opposite side from fig. 1.

Figure 3 is the same view as fig. 1, with the outside plate removed to show the working parts and interior arrangement.

Figure 4 is a sectional view of fig. 2, on the line *x x*.

General Description.

A is the face-plate.

B B′ are flat sliding bolts, with studs, C C′, extending through slots in the face-plate A, and carrying on their outer ends knobs or buttons, D D′, by which the bolts may be be operated longitudinally.

E is a lever, pivoted on a stud, *e*, which extends through the face-plate A, and carries a button, F, by which the lever may be oscillated in a plane parallel with the face of the plate A.

This lever E is provided with a recess which engages with the stud C′, when the lever is thrown into the position shown by the dotted lines at fig. 3, and holds the bolt B′ from being drawn back.

H H′ are cams, in the form of segments of circles, pivoted in the face-plate A by studs, *h h*, which carry buttons, I I, on their other ends.

J is a wooden plate, serving to keep the bolts B B′ from bearing on the lever E, and to make a smooth face and guide for the bolts B B′ on the back part of the device. The plate J may, however, be left off entirely, if desired.

L is a bolt for holding the plate J in place.

The manner of operating my invention is as follows:

The cams H H being turned round, by means of the buttons I I, to the position shown by the full lines at fig. 3, the lever E may then, by means of the button F, be thrown into the position shown by the full lines in the same figure, in which position it will allow the bolt B to be slid freely back and forth. Now, by sliding the bolt B′ out to the position shown by the dotted lines at fig. 3, then the lever E may be swung over by the button F, as shown by the dotted lines, fig. 3, when the angular part of said lever will come behind the pin *c′*, and hold the bolt B′ securely from being drawn back. Now, by turning the cams H H, by means of their respective buttons, until their circular sides rest against the lever E, as shown by the dotted lines, they will securely lock or fasten the lever E in said position, and hold it so until both cams are again turned into the correct position to allow the lever to be oscillated on the pivot *e*.

The buttons may have any private or plain marks desired, by which it may be known when they are in the position desired by the owner or operator.

The bolt B has no connection with the locking arrangement or lever E, and may be left off or put on. In case it is on the button for operating it may serve to add to the number and mislead the uninitiated in manipulating them.

Claim.

I claim as my invention—

The combination of the lever E, cams H H, and buttons I, I, F, and D′, with the bolt B′, and plate A, all constructed and operating substantially as described and for the purpose specified.

PETER PETERSON.

Witnesses;

W. R. NEWMAN,

SAMUEL KERR.