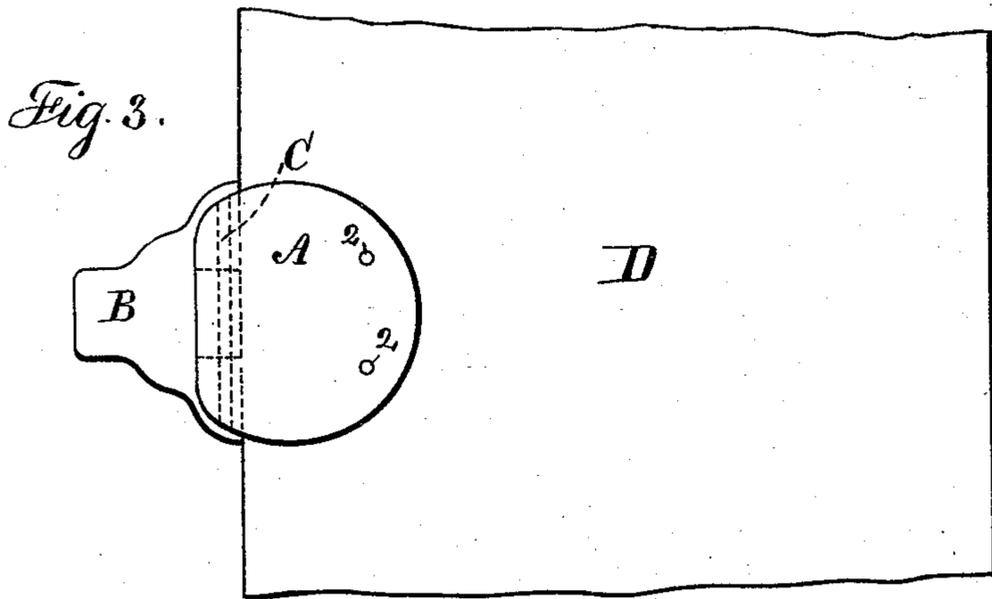
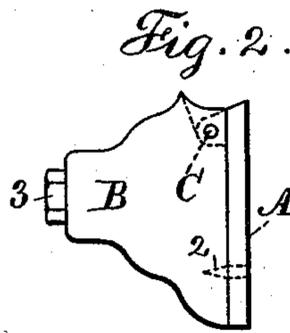
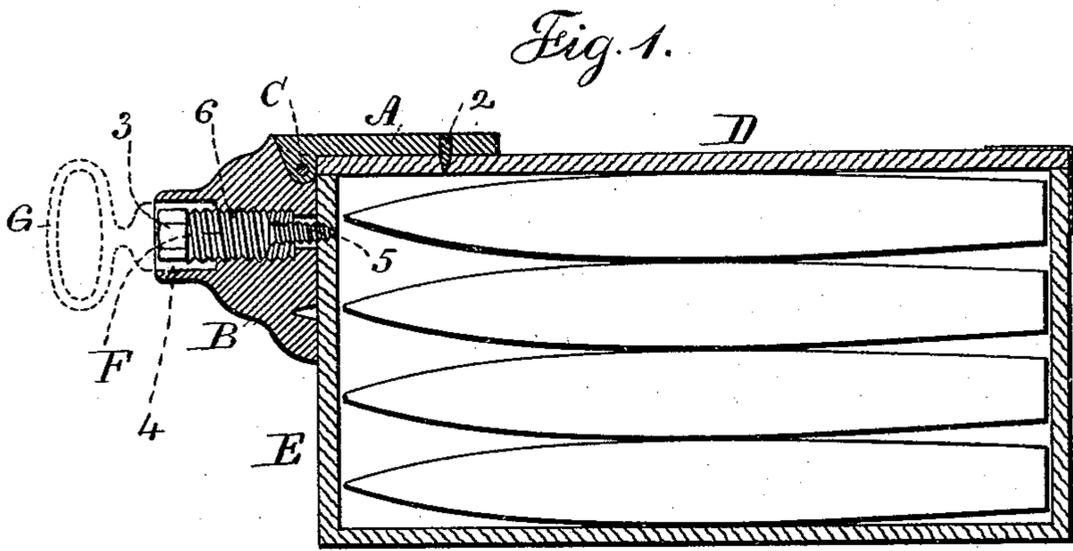


(No Model.)

F. F. & L. F. MARSHALL.
LOCK.

No. 478,754.

Patented July 12, 1892.



Witnesses:
J. Staib
Chas. H. Smith

Inventors:
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Atty.

UNITED STATES PATENT OFFICE.

FRANCIS F. MARSHALL AND LOUISA F. MARSHALL, OF NEW YORK, N. Y.

LOCK.

SPECIFICATION forming part of Letters Patent No. 478,754, dated July 12, 1892.

Application filed November 23, 1891. Serial No. 412,726. (No model.)

To all whom it may concern:

Be it known that we, FRANCIS F. MARSHALL and LOUISA F. MARSHALL, citizens of the United States, residing in the city and State of New York, have invented an Improvement in Locks for Cigar-Boxes, &c., of which the following is a specification.

Cigar-boxes after having been opened cannot easily be secured, and cigars contained in them are often appropriated by servants and others without authority, and different articles of commerce—such as starch, candies, candles, &c.—are often supplied in wooden boxes, and after being opened are liable to be misappropriated.

The present invention consists in a cheap and portable lock adapted to being applied to wooden boxes after the same have been opened, so as to secure such boxes against being opened, except by a person having the proper key.

In the drawings, Figure 1 is a vertical section of the lock upon a box. Fig. 2 is an elevation of the same in its folded condition, and Fig. 3 is a plan view of the lock and part of the box.

This lock is composed of the two principal parts A and B, which are at right angles to each other and permanently connected together. For convenience in transportation or for carrying in the pocket these two parts A and B are hinged together at C; but the hinge might be dispensed with and the parts A and B cast in one piece. The top part A has upon its under surface projecting pins 2, that are of a size and length adapted to pass easily into the wood of the top D of the box, and the front portion B of the lock sets closely against the front E of the box, and through this front portion B of the lock passes the locking-screw F, which has a head 3, that is polygonal and adapted to receive a key that passes into the socket 4 in the front portion B of the lock, and the locking-screw has a penetrating-point 5, that is adapted to screw into the wood of the front E when the key is applied to the head 3 of the said screw.

We have represented in dotted lines a key at G upon the head 3, and it is preferable to make use of the screw-threaded body 6 on the locking-screw F, which body screws into the screw-threaded socket in the front part B of the lock.

When this lock is supplied to a cigar or

other box, the front portion of the lock B is pressed against the front E of the box, and the top part A of the lock is pressed down upon the top D of the box, so that the pins 2 penetrate the wood and by the action of the key G the locking-screw F is rotated to cause the point 5 to penetrate the wood of the box-front E, the screw-thread causing the locking-screw to pass into the wood, and thereby hold the lock in position, and the head 3, passing down into the socket 4, cannot be grasped and moved except by the application of the proper key.

It is advantageous to make the penetrating-point 5 screw-threaded, so as to prevent the front E of the box being pressed in and separated from such penetrating-point 5, and it will be apparent that the top D of the box resting, as usual, upon the upper edge of the front E the top of the box cannot be pressed downwardly to separate it from the pins 2. Hence this locking device retains the cigar or other box in a reliably-closed condition, so that the contents cannot be pilfered unless the locking-screw is released by the action of the proper key, and the construction of this lock is such that any ordinary person can apply the same to the wooden box, and this lock can be sold very cheaply in consequence of the simplicity of its construction.

We claim as our invention—

1. The top A, having penetrating-pins 2, in combination with the front B, to which it is connected by the hinge, and the locking-screw F, passing through the front and having a penetrating-point at one end and a head adapted to receive a key at the other end, substantially as set forth.

2. The lock for wooden boxes, composed of the parts A and B at right angles, the penetrating-pins 2, and the locking-screw F, passing through the front portion of the lock and having a penetrating screw-threaded point, and a head adapted to receive a key, the front of the lock having a socket into which the head passes when the locking-screw is screwed into the box, substantially as set forth.

Signed by us this 18th day of November, 1891.

F. F. MARSHALL.
L. F. MARSHALL.

Witnesses:

GEO. T. PINCKNEY,
HAROLD SERRELL.