

W. LANG.
Lock for Traveling-Bags.

No. 227,905.

Patented May 25, 1880.

Fig. I.

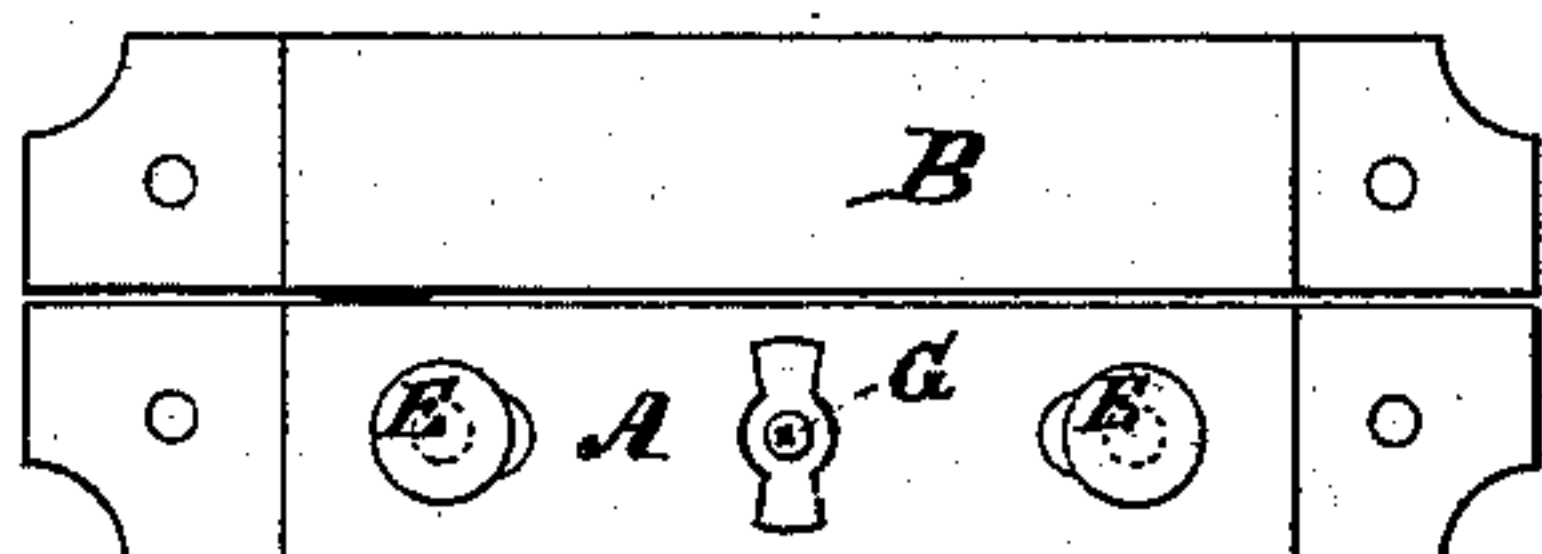


Fig. II.

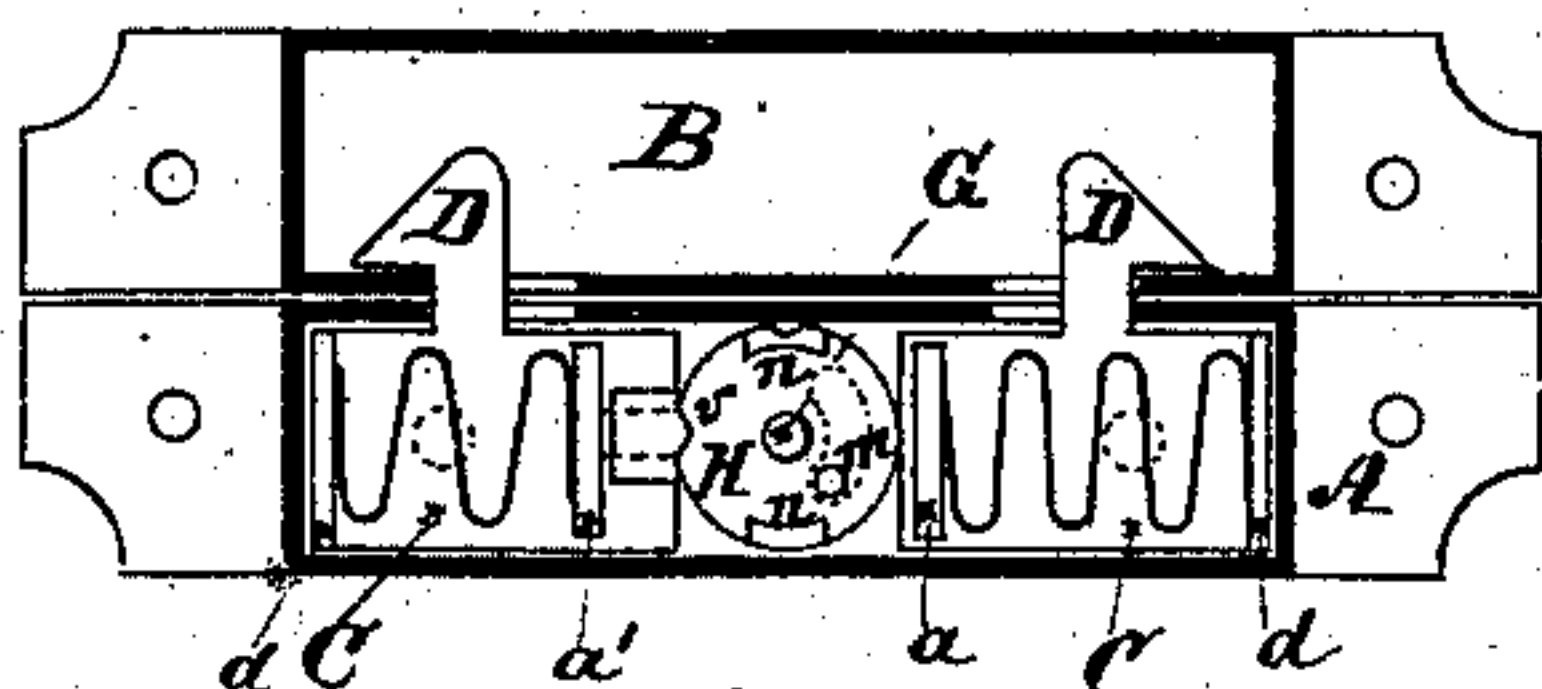


Fig. III.

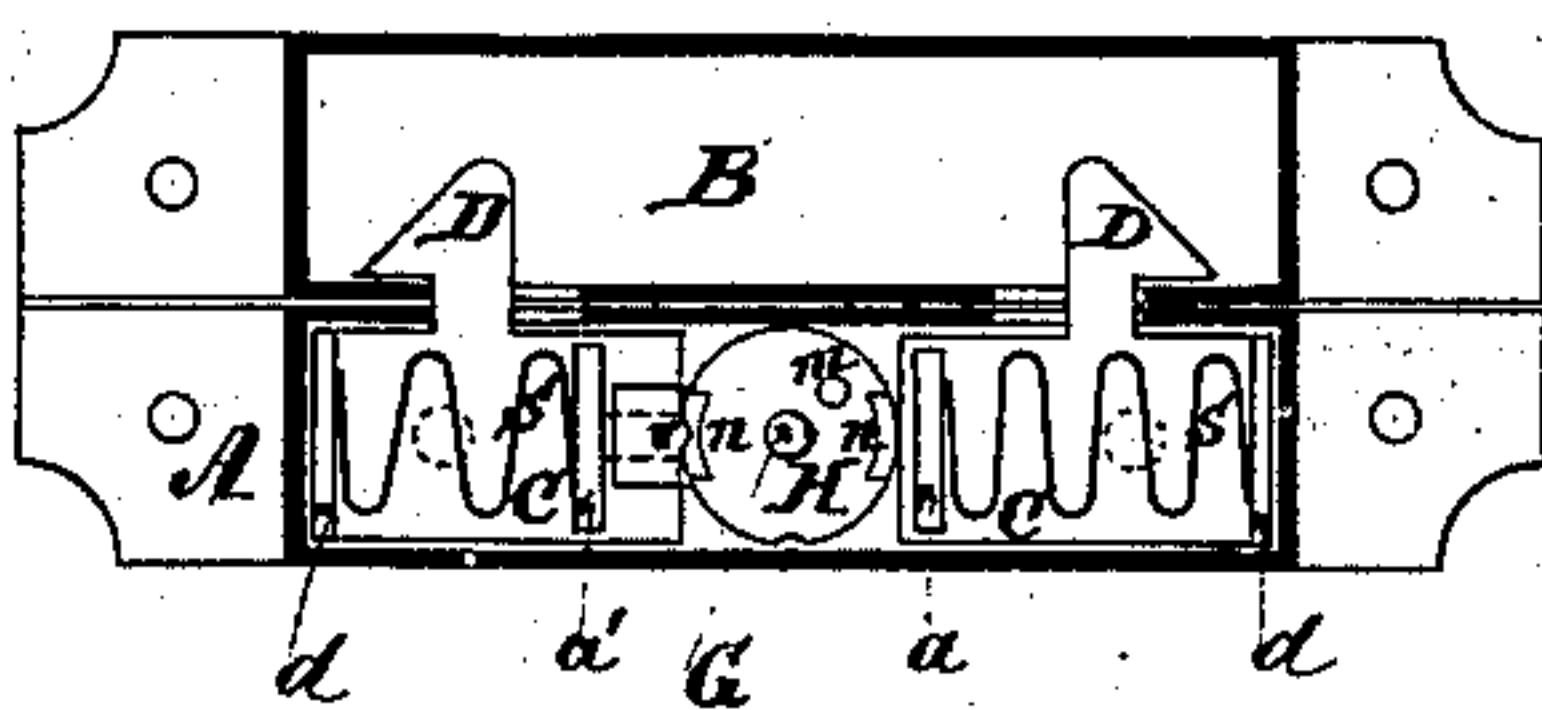


Fig. IV.

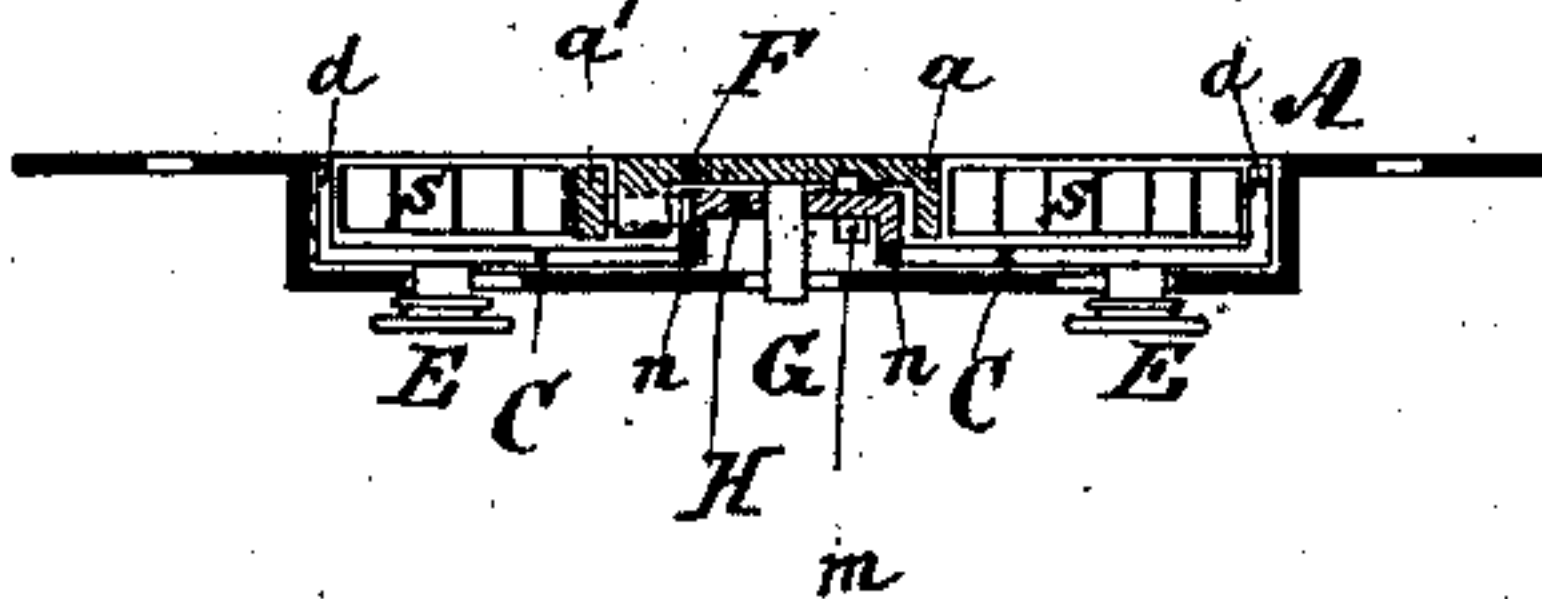
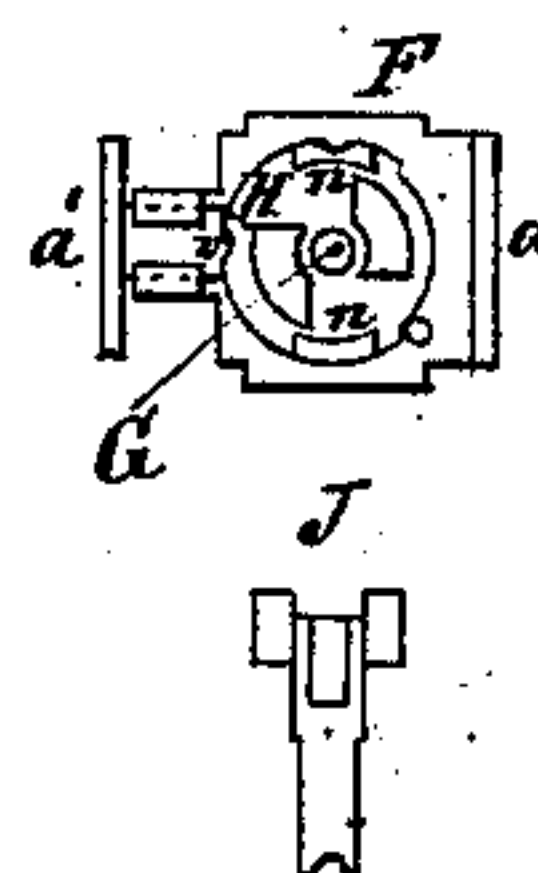


Fig. V.



Witnesses.

Henry Paul Parcom
W. K. Phelps

Inventor.

William Lang
per Henry & Pender
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM LANG, OF WILLIAMSBURG, NEW YORK.

LOCK FOR TRAVELING-BAGS.

SPECIFICATION forming part of Letters Patent No. 227,905, dated May 25, 1880.

Application filed January 28, 1880.

To all whom it may concern:

Be it known that I, WILLIAM LANG, of Williamsburg, Long Island, State of New York, have invented a new and useful Lock for Boxes, Carpet-Bags, Satchels, &c., of which the following is a specification.

My invention relates to improvements in locks for satchels, carpet-bags, boxes for silver-ware, music-instruments, and similar cases where it is desirable to secure the lid in two or more places in its length to prevent said lid from warping, and to hold the same down in its whole length, and at the same time to secure or lock the bolts by one and the same operation. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure I is an outside view. Fig. II is a view of the lock in a position capable of moving the bolts. Fig. III is a view of the lock with the bolts locked, and Fig. IV is a horizontal section of the lock. Fig. V represents a variation of the revolving locking-plate.

Similar letters refer to similar parts throughout the several views.

In a suitable case, A, two bolts, C C, are arranged, provided with projecting tongues D D, which engage with the upper part, B, of the case, or with suitable staples attached to the lid of a box. Projections E E are attached to the bolts C C, passing through the side of the case to operate these bolts. At the ends of the bolts C C suitable projections *d d* are made, against which the springs *s s* abut. Near the center of the lock a small frame, F, is arranged, provided with a central pin, G, upon which a revolving plate or tumbler, H, is placed.

The frame F is provided with two projections, *a a'*, against which the other ends of the springs *s s* abut. One of these projections, *a'*, is made capable of a slight longitudinal motion, for the purpose hereinafter described.

The revolving plate H turns freely upon the central pin, G, which latter pin acts to center the key. The plate H is provided with two projecting parts, *n n*, and with a projection, *m*, against which latter the key acts for turning the revolving plate into the desired position. When the revolving plate H is in the position shown in Fig. II the bolts C C can be moved so that their projecting tongues D D

will come clear from the upper casing or from the staples. When the revolving plate H is, by means of the key, turned one-quarter around, and is brought into the position represented in Fig. III, the projecting parts *n n* on said revolving plate H will come in contact with the ends of the bolts C C and prevent the same being moved until said plate H is turned again so as to bring these projections *n n* clear of the ends of the bolts. To prevent this revolving plate H from turning otherwise than when acted upon by the key, the projection *a'*, which, as above stated, is made capable of a slight longitudinal motion, is provided with a small point or nose, *v*, fitting into suitable recesses in the periphery of the revolving plate H, and as the end of one of the springs *s* abuts against this projection *a'* this arrangement will hold the plate H in any position into which the same is moved by its key.

It will readily be understood that by making the bolts C C longer or shorter the fastening produced by the interlocking of their tongues D D with the upper casing or with the staples may be placed at any desired point of the length of the box or cover, and each bolt may even be provided with two or more projecting tongues, and all be operated and locked by one and the same locking device, as above described.

Fig. V represents a revolving plate, H, made with a lock to be operated by a key, J, provided with two wards, *w w*.

I am aware that prior to my invention locks have been made provided with two bolts, the ends of which, or their projecting tongues, are fitted into corresponding cases or staples, and which are withdrawn simultaneously against the action of their spring by means of projections passing through the side of the case. I do not claim, therefore, such a combination, broadly; but

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a suitable case, two bolts, C C, each provided with one or more projections or tongues, D D, and projecting pins E, passing through the side of the case, the springs *s s*, and frame F, with projecting parts *a a'*, in combination with a revolving plate or disk, H, provided with two projections, *n n*, arranged

to operate in the manner and for the purpose substantially as described.

2. The revolving plate H, turning on a central pin, G, attached to a frame, F, in combination with a sliding piece, *a'*, attached to said
5 frame F, and provided with a pointed end or nose, *v*, fitting into corresponding recesses in

the periphery of the revolving plate H, substantially in the manner and for the purpose specified.

WILLIAM LANG.

Witnesses:

HENRY E. ROEDER,

HENRY VAN BLARCOM.