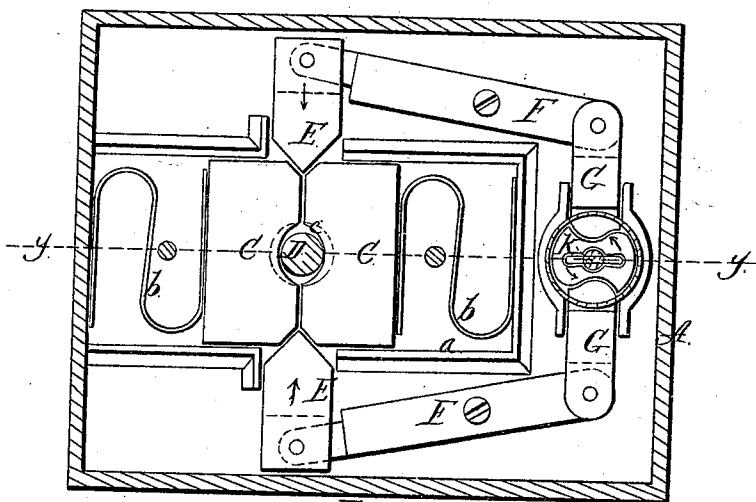


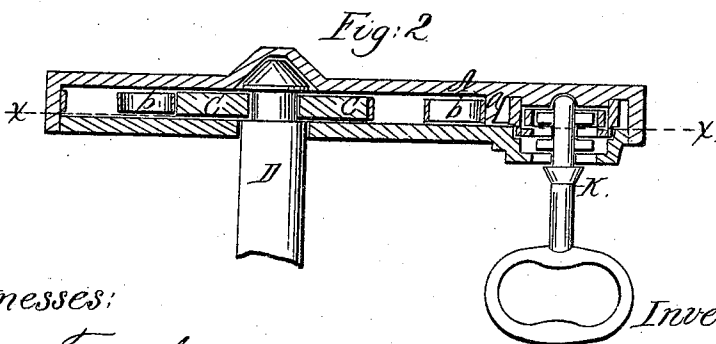
*W. J. Hare,*

*Trunk Lock.*

*N<sup>o</sup> 63,041. Patented Mar. 19, 1867.*



*Fig: 1.*



*Fig: 2.*

*Witnesses:*

*Theo Tusch  
J. A. Service*

*Inventor:*

*W. J. Hare  
Per *Wm. H. C. [Signature]*  
Attorneys*

United States Patent Office.

WILLIAM J. HARE, OF NEW YORK, N. Y.

Letters Patent No. 63,041, dated March 19, 1867.

IMPROVEMENT IN TRUNK LOCKS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, WILLIAM J. HARE, of the city, county, and State of New York, 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 represents a plan or sectional inside view of this invention; the line  $x x$ , fig. 2, indicating the plane of section.

Figure 2 is a longitudinal section of the same taken in the plane indicated by the line  $y y$ , fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a lock, the principal working parts of which consist of two spring jaws, which catch into a neck on the stud or nose secured to the door, lid, or other part to be locked, and which are forced apart by the action of a key on one or more wedges, which enter between the spring jaws and compel them to release the stud or nose in such a manner that a simple and secure lock is obtained, which cannot be readily picked or blown open, and which can be applied with advantage to doors of any description, or to trunks or other articles of a similar description.

A represents a case made of cast or sheet metal in any suitable form or shape. This case is provided with a cavity,  $a$ , which may be square or oblong, and forms the guide for two jaws, C. These jaws are forced towards each other by springs,  $b$ , which may be made of steel or any other suitable material, and either such, as shown in the drawing, or coiled or in any suitable form or shape. The inner edges of these spring jaws are provided with cavities or notches  $c$ , which are intended to catch in the neck  $d$  of a stud or nose, D. This stud or nose may be attached to a hasp, or it may be arranged in any suitable manner, so that when the head of the same is forced in between the spring jaws, the door is locked. In order to open the door, the spring jaws have to be forced apart so that the same release the stud D. This object is effected by one or two wedges E, which are connected to levers F, from which suitable links G extend into the cylindrical case H, in which the key K is inserted. By the action of this key on the ends of the links G, the wedges E are forced in between the spring jaws C, compelling them to separate far enough to release the stud D. It is obvious that the key, for this lock, can be made simple or complicated, and if desired one of the wedges can be dispensed with, but in all cases the spring clamps are entirely detached from the wedges or their attachment, and no access can be had to the same, and the operation of picking the lock or blowing the same open is rendered almost if not quite impossible.

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

The spring jaws C, in combination with a stud, D, one or more wedges E, and a key, K, constructed and operating substantially as and for the purpose described.

WILLIAM J. HARE.

Witnesses:

WM. F. McNAMARA,  
ALEX. F. ROBERTS.