

S. Bourne, Jr.,

Trunk Lock,

N^o 28,056,

Patented May 1, 1860.

Fig 1.

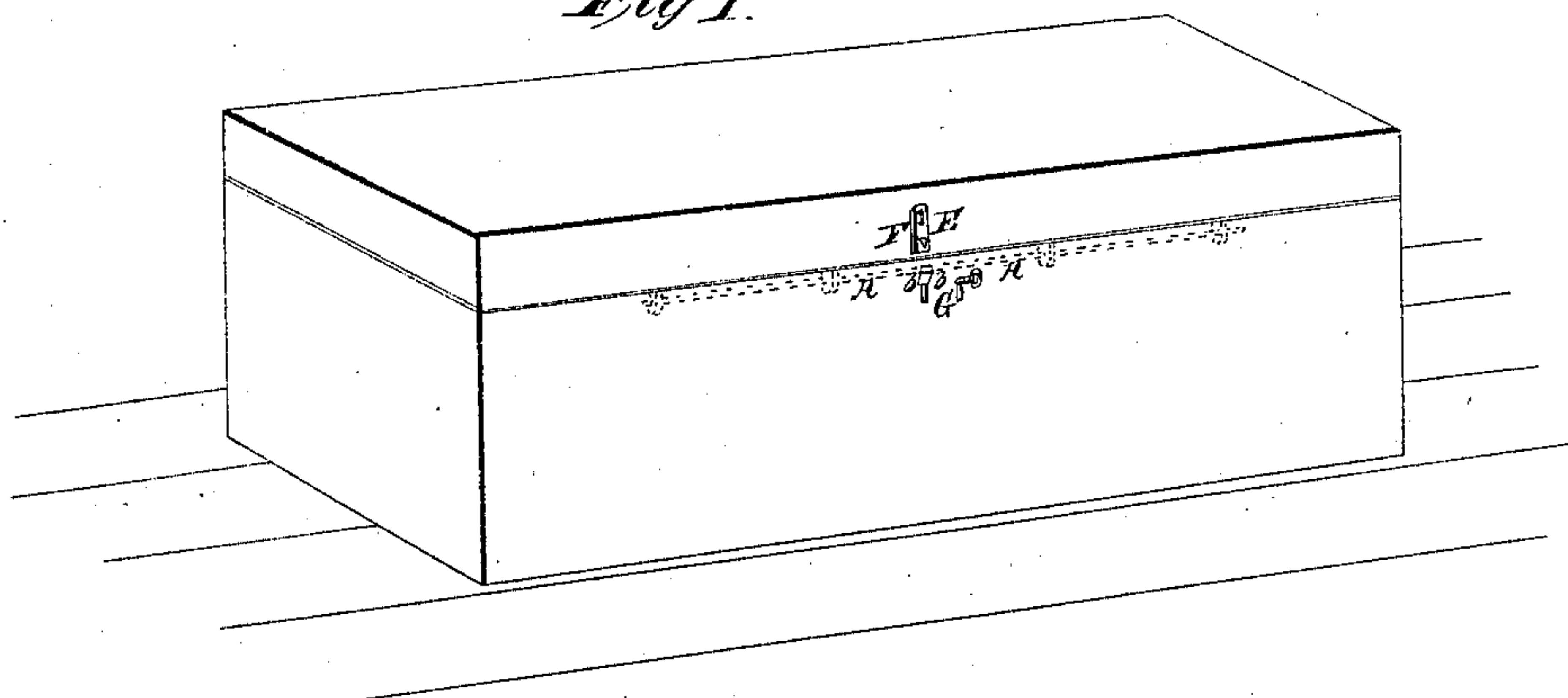
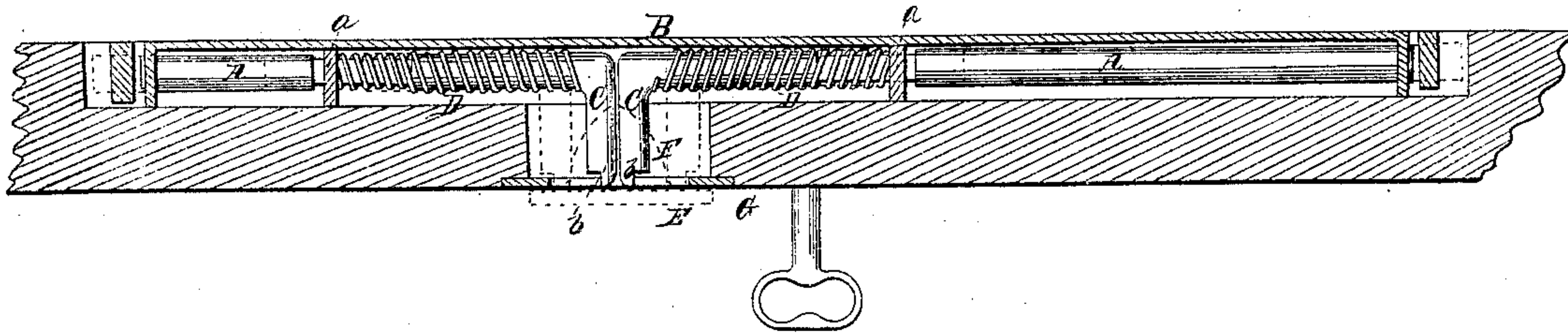


Fig 2.



Witnesses.

*Wm. W. W. W. W.
B. C. G. W. W.*

*Inventor.
S. Bourne Jr.*

UNITED STATES PATENT OFFICE.

S. BOURNE, JR., OF NEW YORK, N. Y.

TRUNK-LOCK.

Specification of Letters Patent No. 28,056, dated May 1, 1860.

To all whom it may concern:

Be it known that I, SHEARJASHUB BOURNE, Jr., of the city, county and State of New York, invented a new and Improved Lock for Trunks, &c., and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1, represents a perspective view of my invention when attached to a trunk. Fig. 2 is a horizontal section of the same detached and in a larger scale than Fig. 1.

Similar letters of reference in both views indicate corresponding parts.

This invention consists in the arrangement of two horizontally sliding spring bolts in combination with a cam attached to a vertically swinging hasp in such a manner that by turning down the hasp both bolts are forced out simultaneously and as soon as the hasp is turned up, both bolts fly back spontaneously by the action of the springs attached to them, thus producing a cheap simple and effective fastening for trunks boxes, etc.

To enable others skilled in the art to make and use my invention I will proceed to describe its construction and operation with reference to the drawing.

The bolts A, A, are arranged on the inside of the body of a trunk, box or other similar receptacle of wearing apparel of goods of whatever description. These bolts are inclosed in a metal case B, and they slide in guides *a*, which extend cross ways through the case. The ends of the case are perforated with apertures of sufficient size to receive the outer sides of the bolts and to allow the same to slide in and out. The inner ends of the bolts are turned up at right angles to form hooks C, C, and the top of these hooks are rounded off forming noses *b*, *b*, as clearly shown in Fig. 2. Springs D, D, attached to the bolts serve to force the same toward each other bringing their hooked ends in contact with each other or nearly so as may be desired. If it is desired to keep the hooks a little distance apart the bolts may be provided with shoulders which strike the guides *a*, in the interior of the case and which prevent the bolts shooting

back far enough to bring their hooked ends in contact.

E, is a hasp which is hinged to the lid of the trunk so that it swings up and down in a vertical plane. This hasp is provided on its inner side with a cam F, that forms a sharp point running off toward both sides in an easy curve so as to grow gradually wider and wider as it approaches the inner side of the hasp.

When the hasp is turned down the point of the cam passes between the hooked ends of the bolts A, A, and by pressing in the hasp said bolts are forced apart as clearly shown in Fig. 2 in red outlines. The outer ends of the bolts project now beyond the ends of the case B, so that by attaching suitable sockets or eyes to the lid, the latter is fastened down to the body of the trunk in the center by the hasp E, and on both sides by the bolts A, A. The hasp E is fastened by a common locking device G.

When the lid of a trunk or other box is fastened in the center only the ends can be pried apart and some of the contents of the trunk may be abstracted without forcing the lock. With my device the lid is fastened in three places by the action of the bolts and of the hasp and only one key is needed to open the trunk, whenever it is desired.

As soon as the hasp is turned up the bolts A, A, impelled by the action of the springs D, D, fly back and the lid can be opened without difficulty.

The simplicity of this lock and its sure and effective action recommend it to the manufacturer as well as to the public and it will be found of great value for travelers in particular as it provides the most efficient fastening for a trunk.

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

The arrangement of the horizontally sliding spring bolts A, A, in combination with the vertically swinging hasp E and cam F, constructed and operating substantially in the manner and for the purpose herein specified.

S. BOURNE, JR.

Witnesses:

M. M. LIVINGSTON,
B. GIROUSE.