

No. 828,423.

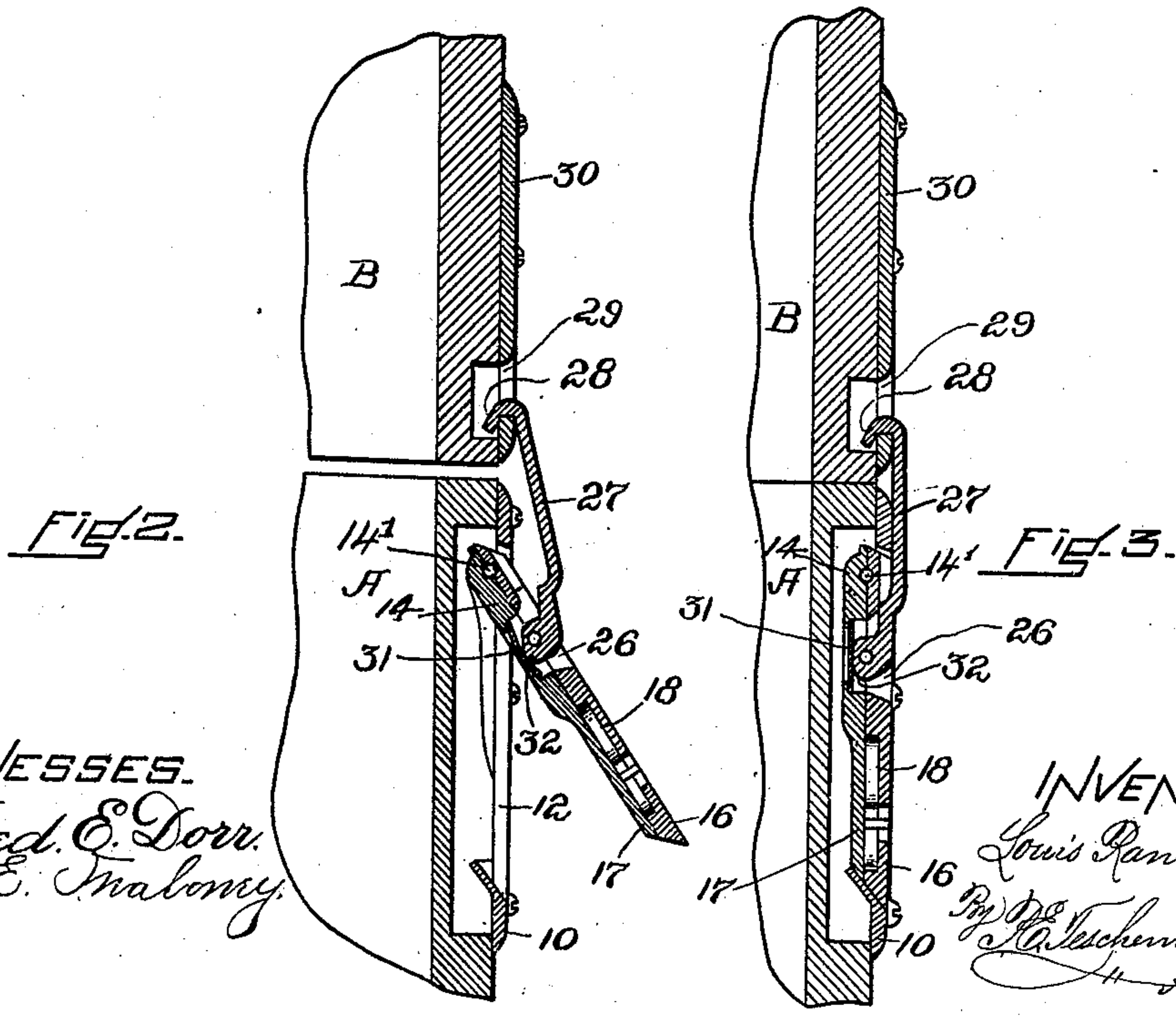
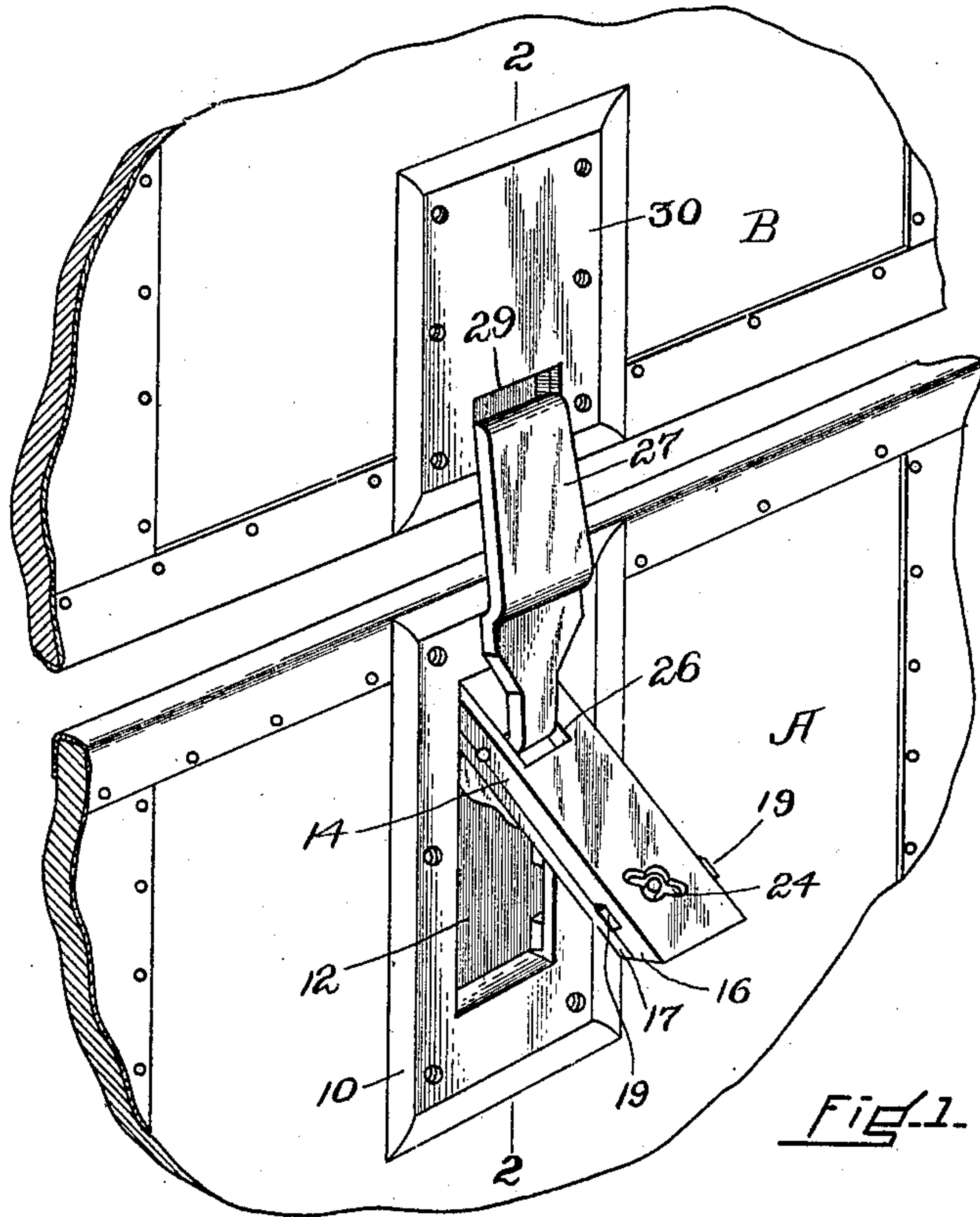
PATENTED AUG. 14, 1906.

L. RANSOM.

LOCK FOR TRUNKS, DRESS SUIT CASES, AND SIMILAR RECEPTACLES.

APPLICATION FILED JUNE 16, 1905.

2 SHEETS—SHEET 1.



WITNESSES.

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INVENTOR

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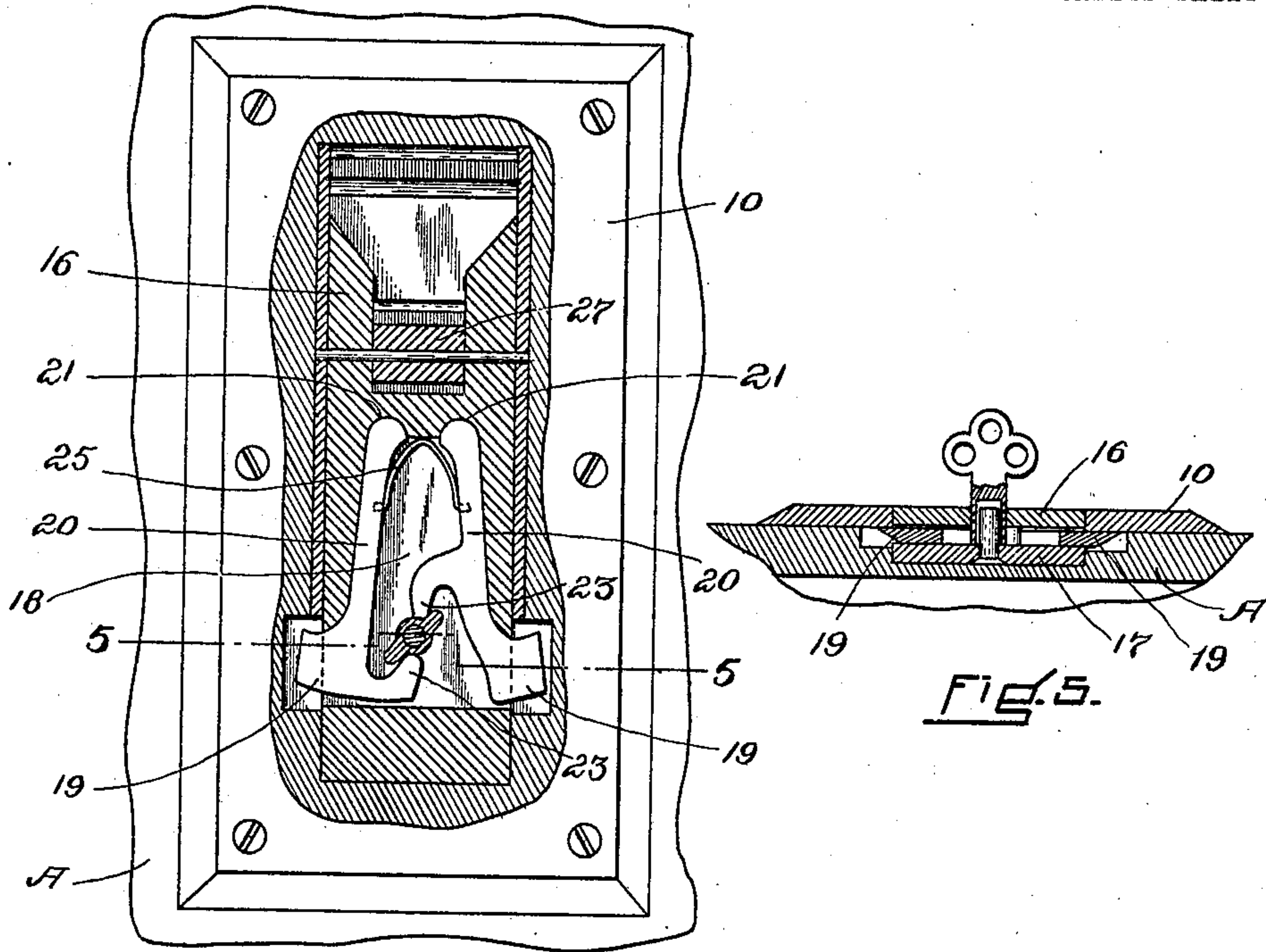


Fig. 4.

Fig. 5.

WITNESSES.

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UNITED STATES PATENT OFFICE.

LOUIS RANSOM, OF MILTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF
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LOCK FOR TRUNKS, DRESS-SUIT CASES, AND SIMILAR RECEPTACLES.

No. 828,423.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed June 16, 1905. Serial No. 265,617.

To all whom it may concern:

Be it known that I, LOUIS RANSOM, a citizen of the United States, residing at Milton, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Locks for Trunks, Dress-Suit Cases, and Similar Receptacles, of which the following is a specification.

In closing trunks, dress-suit cases, and similar receptacles when filled to excess much trouble is frequently experienced in forcing down the lid or cover into locking position, jumping or sitting on the lid being often resorted to for this purpose. To overcome this difficulty and avoid the annoyance resulting therefrom is the object of my invention, which consists in a trunk-lock provided with a lever adapted to be connected with the trunk-lid after the latter has been nearly closed, whereby said lid may be positively drawn down to close the trunk by a movement of the lever, said lever being adapted to be locked to securely hold the lid in its closed position, as hereinafter fully described.

In the accompanying drawings, Figure 1 is a perspective view of a portion of the body and lid of a trunk having my improved lock applied thereto. Fig. 2 is a vertical section of the same on the line 2 2 of Fig. 1. Fig. 3 is a similar section with the parts in the position which they occupy when the trunk-lid is closed down and locked. Fig. 4 is a section of the locking-lever, showing the construction of the key-operated locking mechanism carried thereby. Fig. 5 is a transverse section of the locking-lever and lock-plate, taken in the plane of the locking-bolts.

In the said drawings, A represents a portion of the body of a trunk, and B a portion of its lid. To the body A is secured in any suitable manner the lock-plate 10, formed of a flat plate of sheet metal having a long rectangular opening 12, within the upper end of which is a pivot 14' supporting a lever 14, which is shaped to closely fit said opening and lie flush with the outer surface of the lock-plate when closed down therein, as shown in Fig. 3, the lower end of the lever being preferably beveled, as shown, to fit a corresponding bevel on the lower end wall of the aperture 12.

The lever 14 is composed of two flat plates 16 17, riveted together, the outer one having a recess forming a chamber 18 for containing

the locking mechanism by which the lever is securely locked within the opening 12 when closed down therein, thereby locking the trunk. Any suitable locking device may be employed in connection with the lever 14; but that which I prefer to use consists of a pair of transverse bolts 19, projecting through openings in the opposite sides of the lever and having beveled ends adapted to catch under the lock-plate, as shown in Fig. 5. These bolts form the lower ends of a pair of arms 20 of the form shown in Fig. 4, their upper rounded ends being fulcrumed in recesses 21 21 in the top plate 16 of the lever in which they are fitted. Each of the arms 20 is provided with a hook-shaped projection 23, said hooks being disposed one above and the other below the key-post, so that a key introduced through the keyhole 24 will engage and act on both of the hooks to withdraw the bolts 19 against the resistance of a U-shaped wire spring 25 placed between the arms 20.

Within an opening 26 in the lever 14 is pivoted a flat hook-plate 27, which extends up beyond the upper end of said lever 14 and is provided at its free end with a hook 28, which when the lever 14 is unlocked and raised or pulled out from the recess in the lock-plate, as shown in Fig. 1, and the trunk-lid is nearly closed is adapted to enter and catch over the lower edge of a rectangular opening 29 in the lid-plate 30, which is securely fastened to the lid B of the trunk. As soon as the plate 27 has been hooked onto the lid-plate a downward pressure of the hand upon the lever 14 will close the same into its recess in the lock-plate and cause the trunk-lid to be positively drawn down with great force to its proper closed position against any yielding resistance due to the trunk being overfilled, the bolts 19 then snapping under the lock-plate, when the trunk will be securely closed and locked as desired, without any of the trouble and annoyance heretofore experienced in forcing down the lid by hand-pressure or sitting or jumping thereupon.

The lever 14 is preferably provided with a spring 31, Figs. 2 and 3, acting on the heel 32 of the hook-plate 27, whereby the latter when not engaged with the lid-plate is held in an upright position close against the trunk to prevent any liability of its catching in the clothing of a person passing by.

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

1. A trunk-lock comprising a lock-plate having an elongated opening, a lid-plate, a
5 lever pivoted to said lock-plate and adapted to lie entirely within said opening when locked to said lock-plate, a hook pivoted to
said lever within a recess provided in the front face of said lever and adapted to connect
10 said lever with said lid-plate after the trunk-lid has been nearly closed, and means for locking said lever to said lock-plate when
the trunk-lid has been closed.

2. In a trunk-lock of the character described,
15 the combination with the lock-plate,

of a lever pivoted to said lock-plate, means for locking the lever when the trunk is closed, a hook-plate pivoted to said lever and extending up beyond the same and having a hook at its upper end adapted to engage the
20 lid-plate when the trunk-lid is nearly closed, and a spring acting on the heel of the hook-plate to retain said hook-plate in an upright position when not engaged with the lid-plate.

Witness my hand this 14th day of June, A.
D. 1905. 25

LOUIS RANSOM.

In presence of—

P. E. TESCHEMACHER,
J. E. MALONEY.