

(Model.)

3 Sheets—Sheet 1.

W. H. HARRISON.

MONEY DRAWER FOR FARE BOXES.

No. 337,262.

Patented Mar. 2, 1886.

Fig. 1.

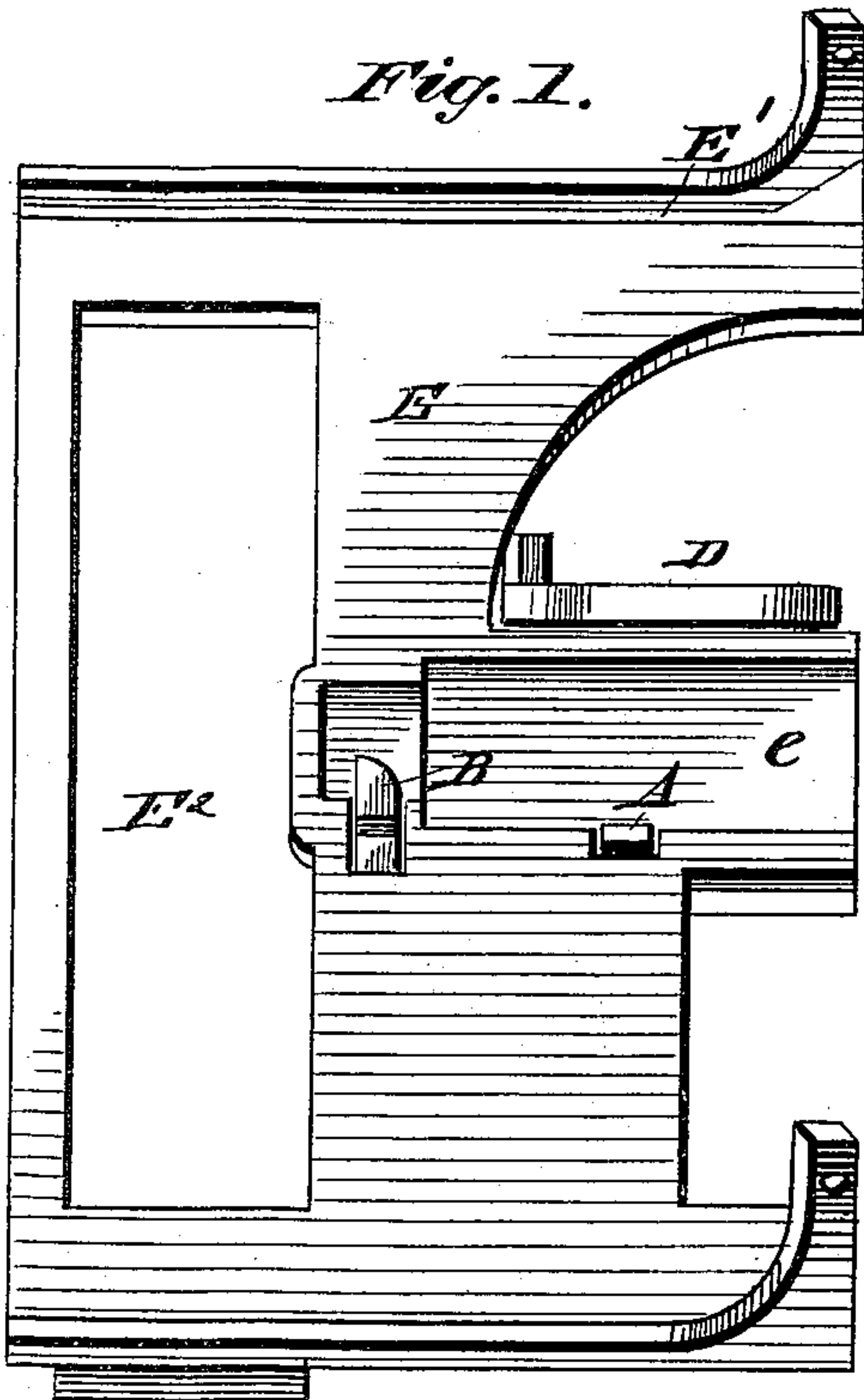


Fig. 2.

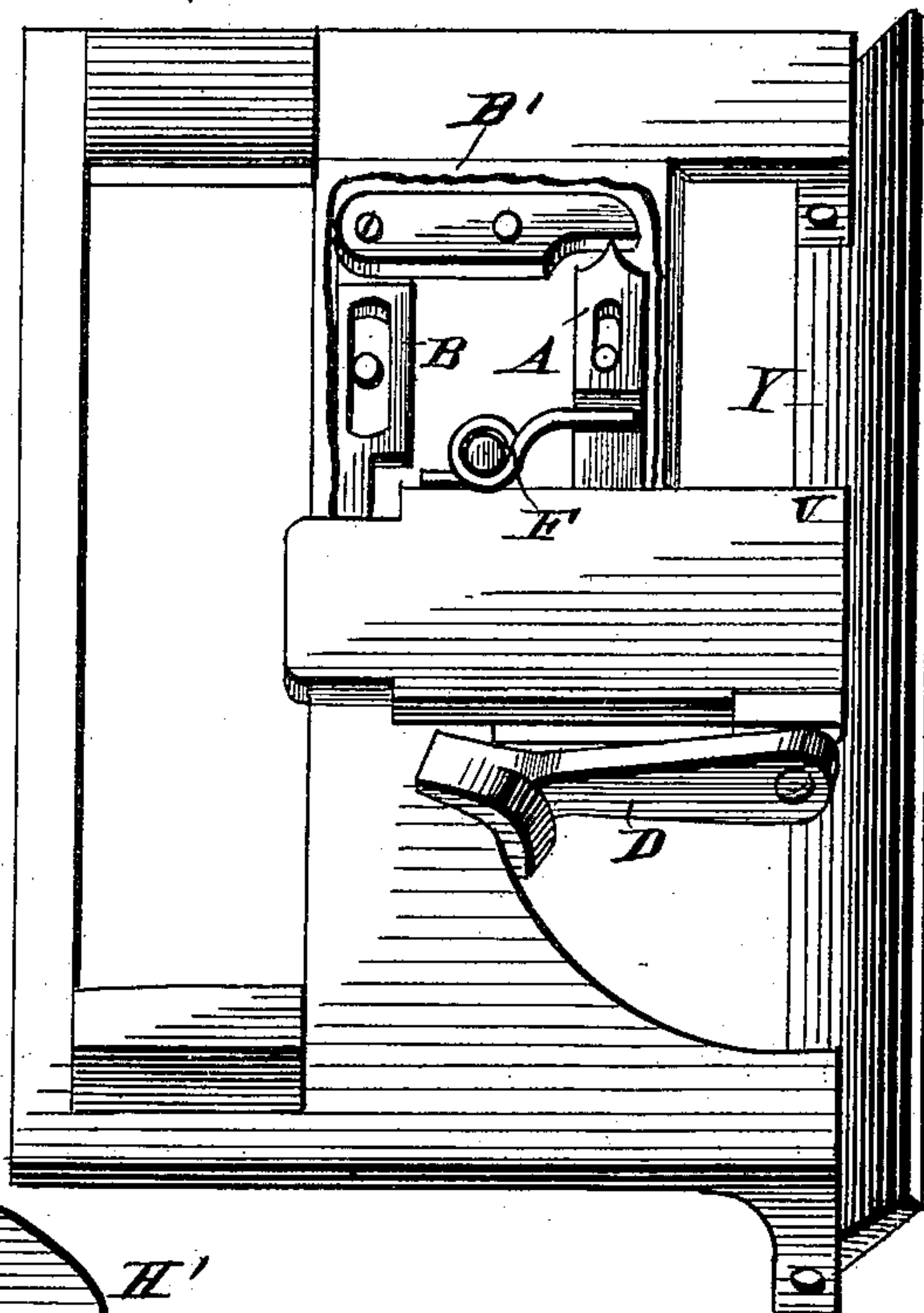


Fig. 3.

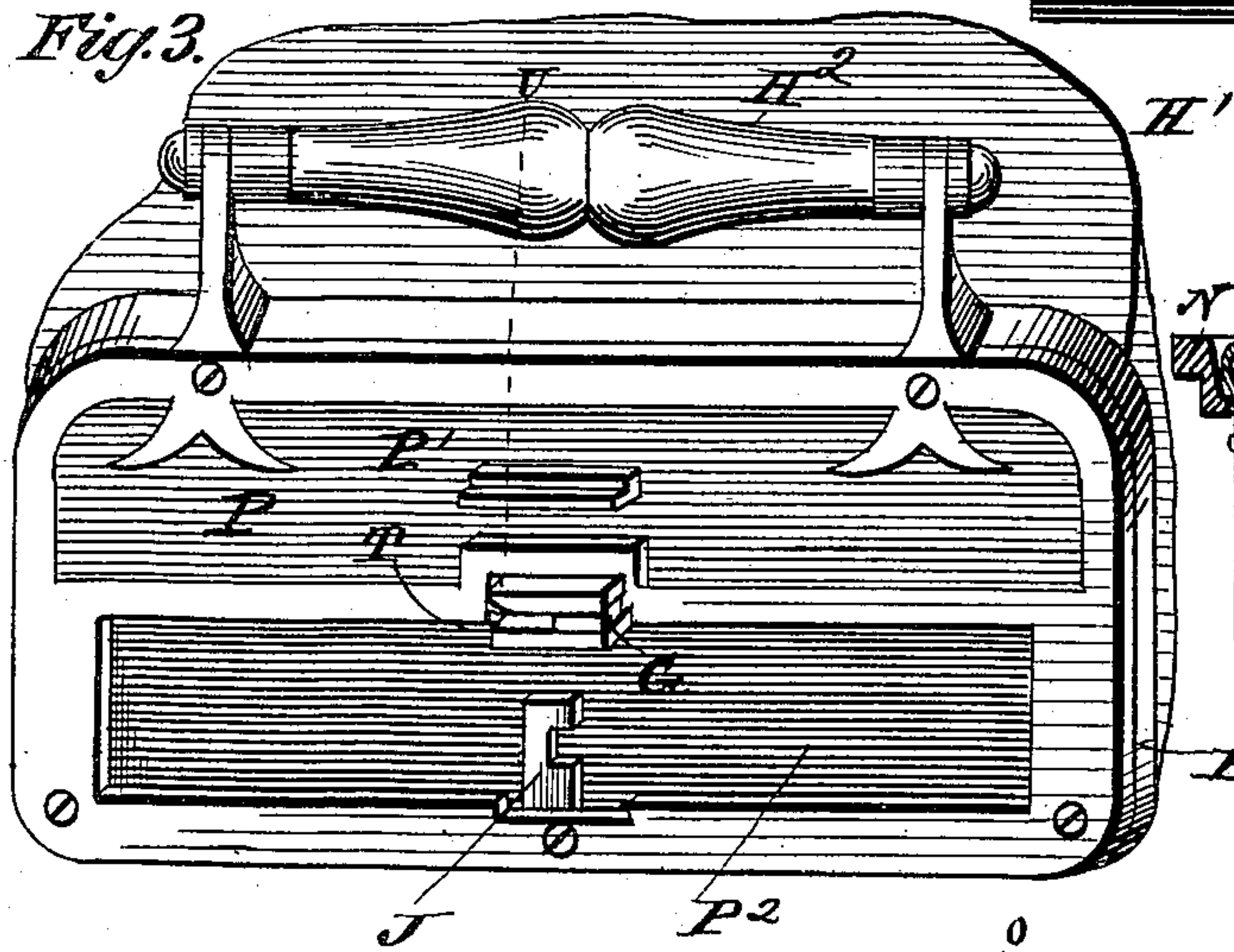


Fig. 5.

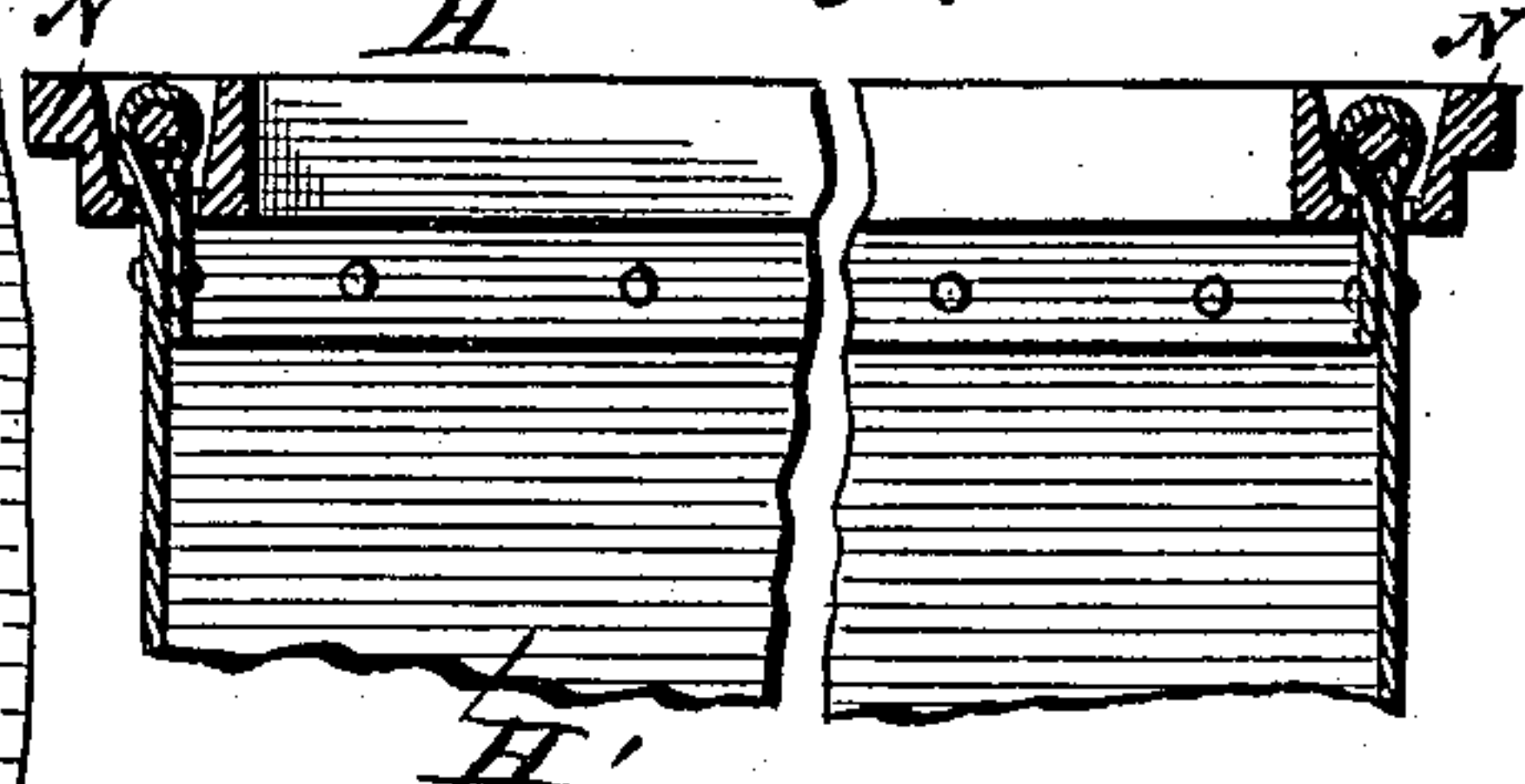
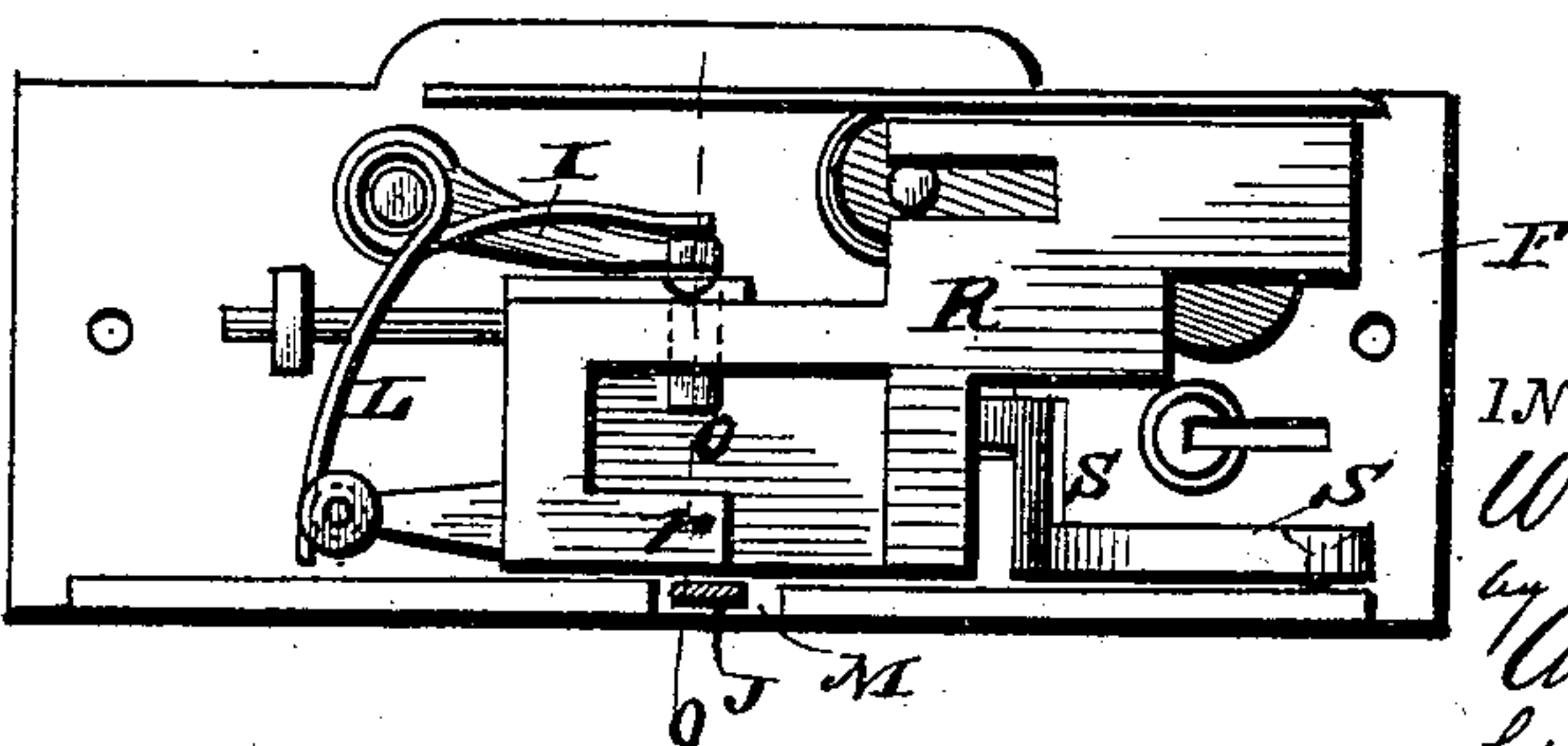


Fig. 6.



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Fig. 4.

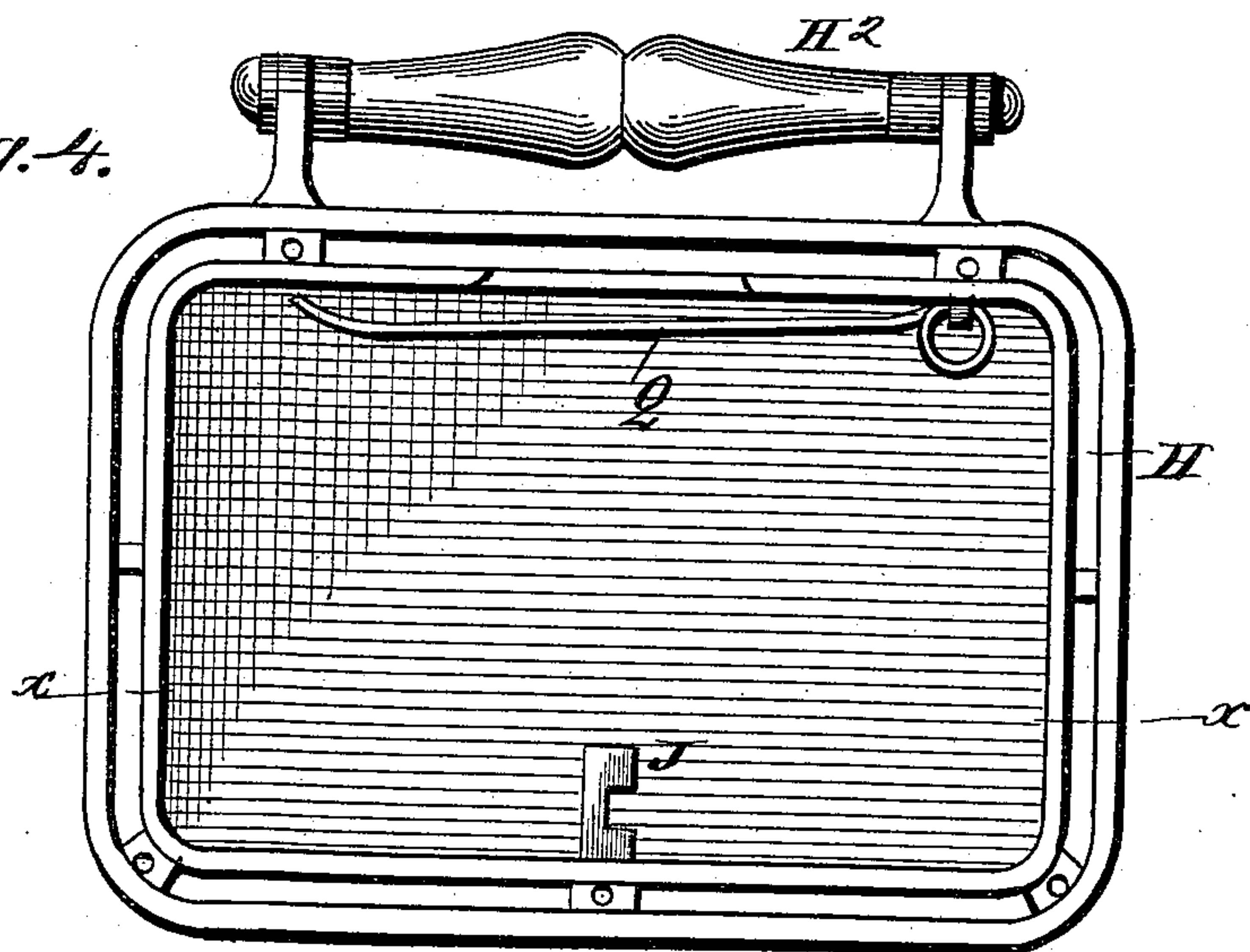


Fig. 9.

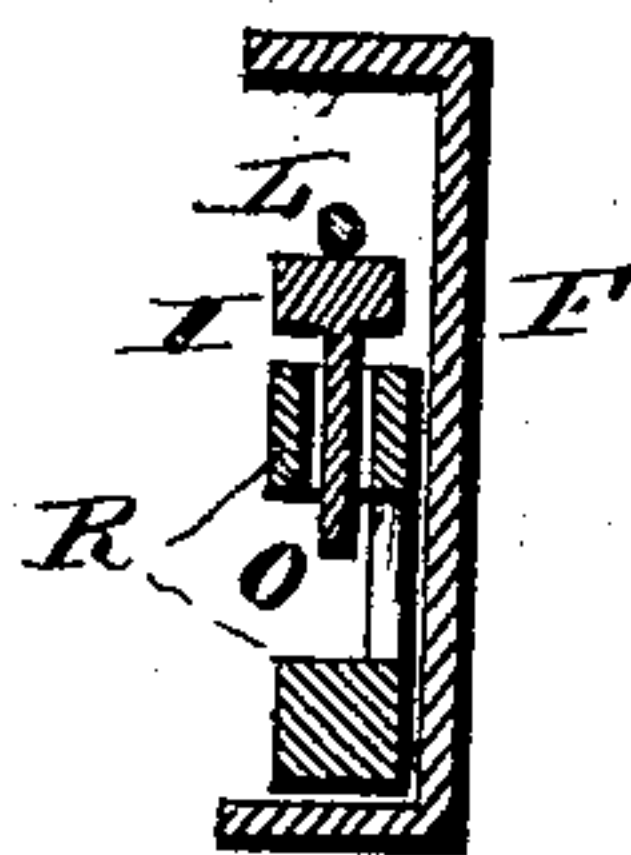


Fig. 8.

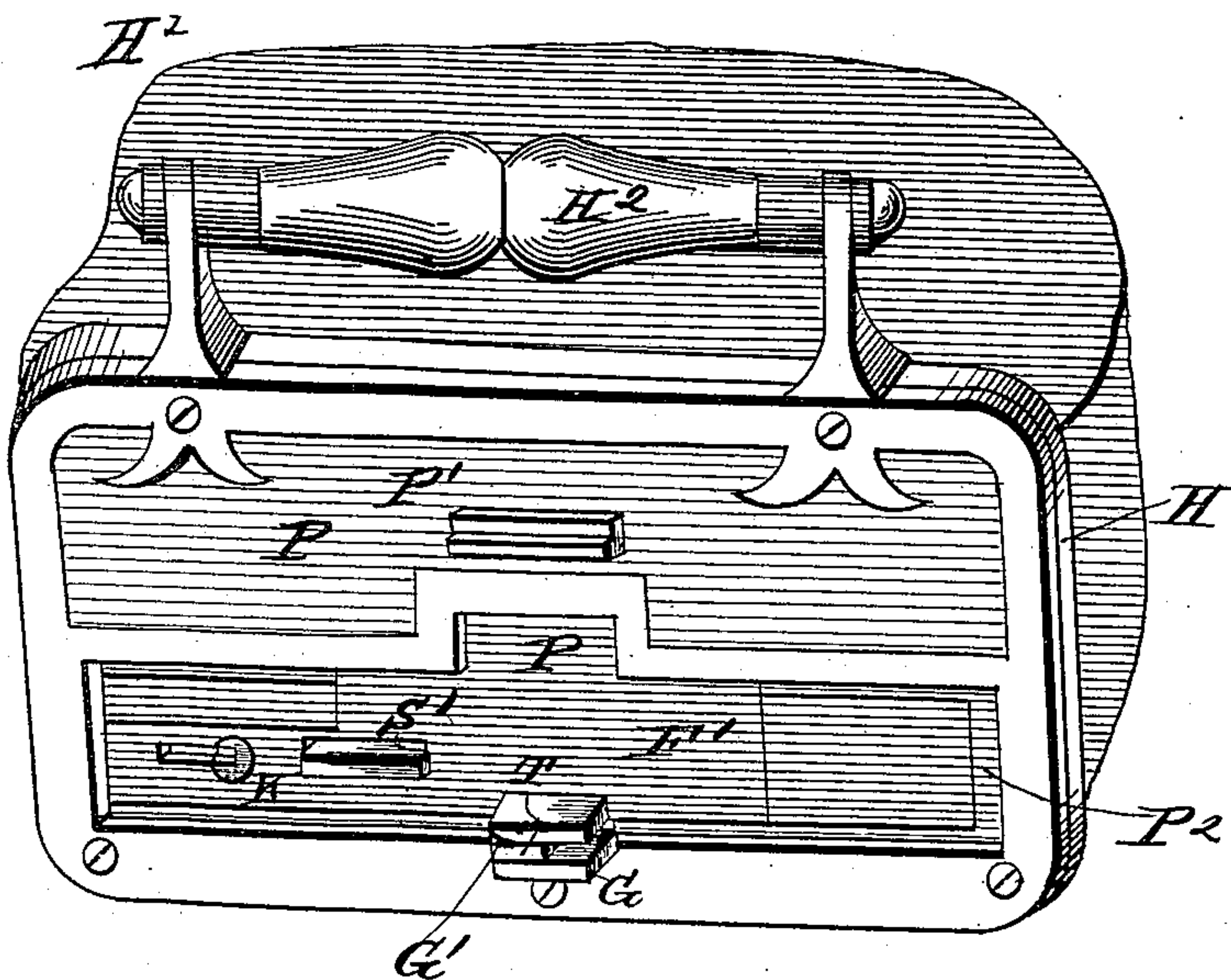
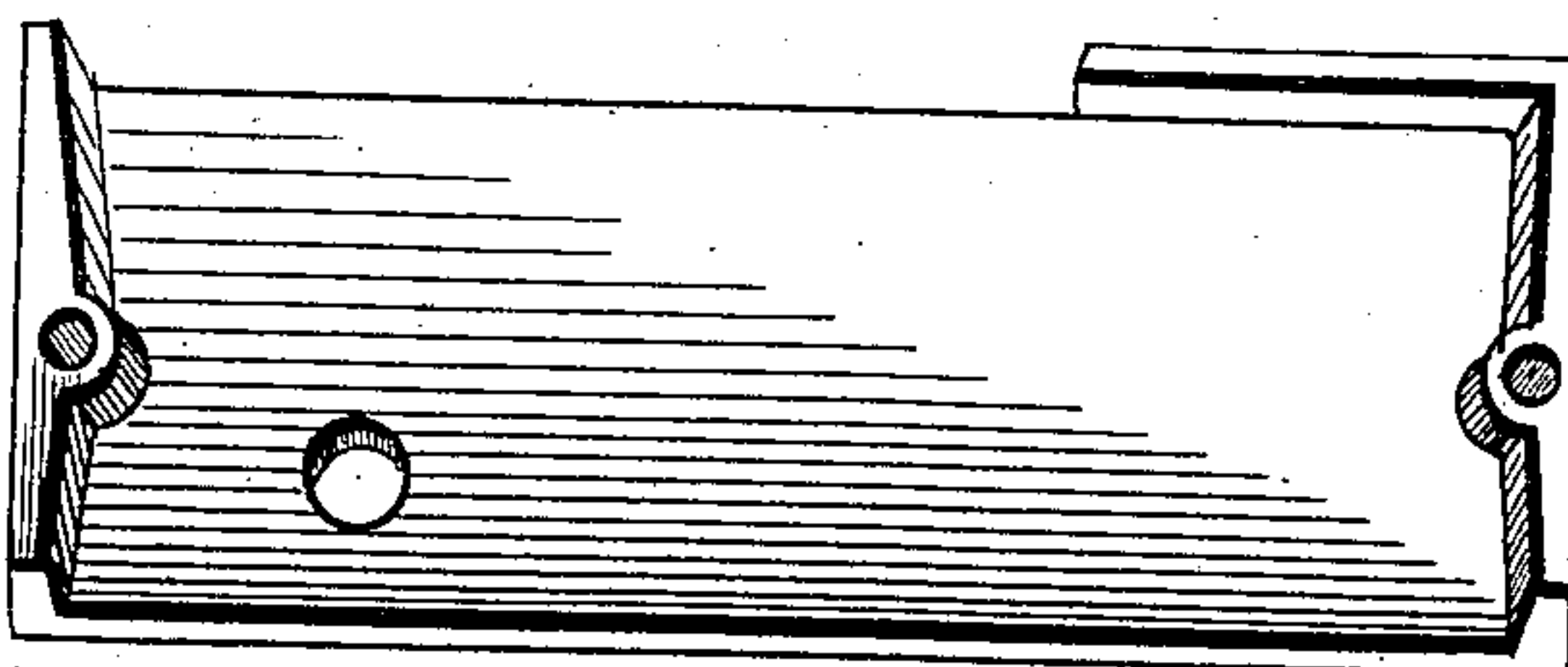


Fig. 7.



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Fig. 10.

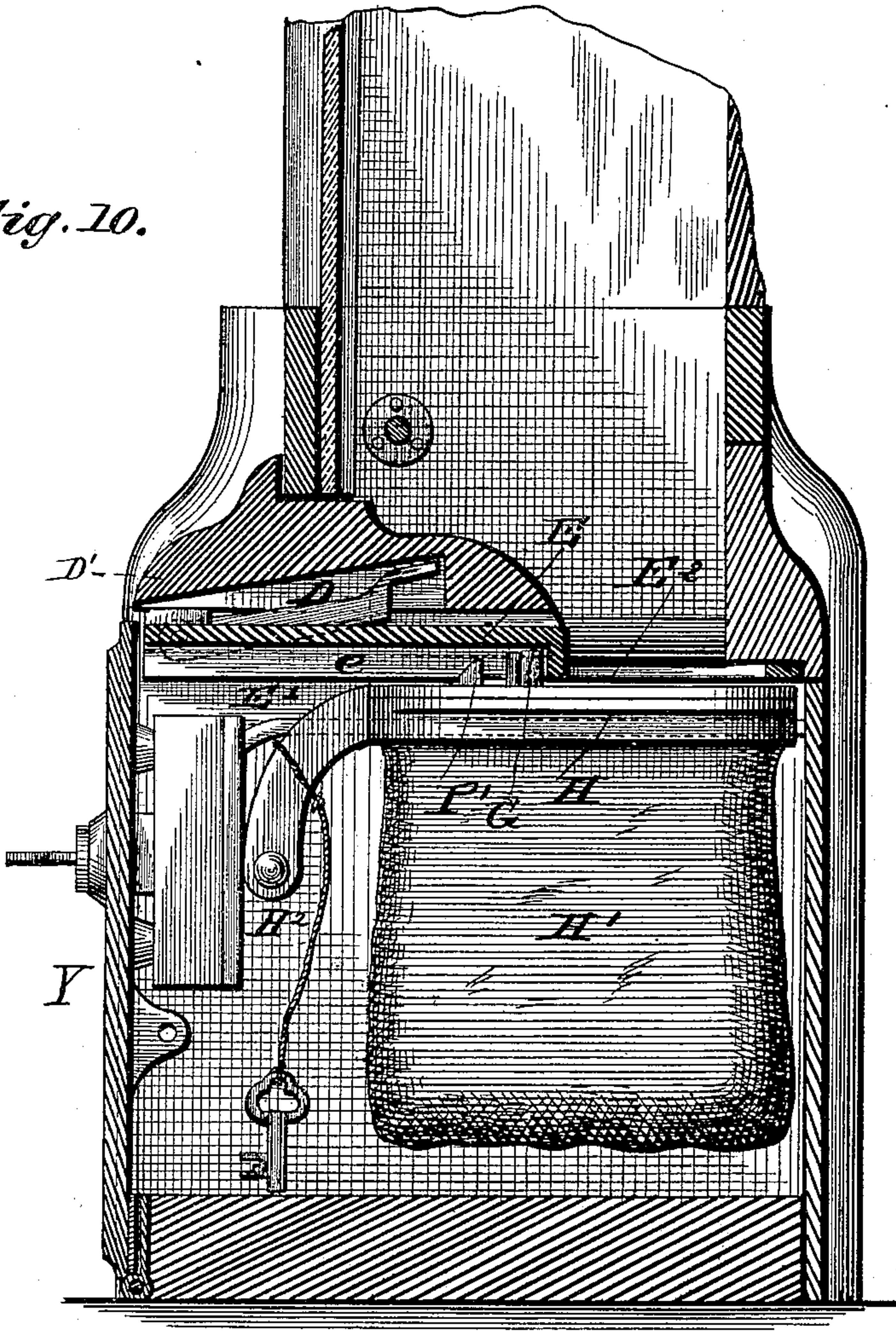
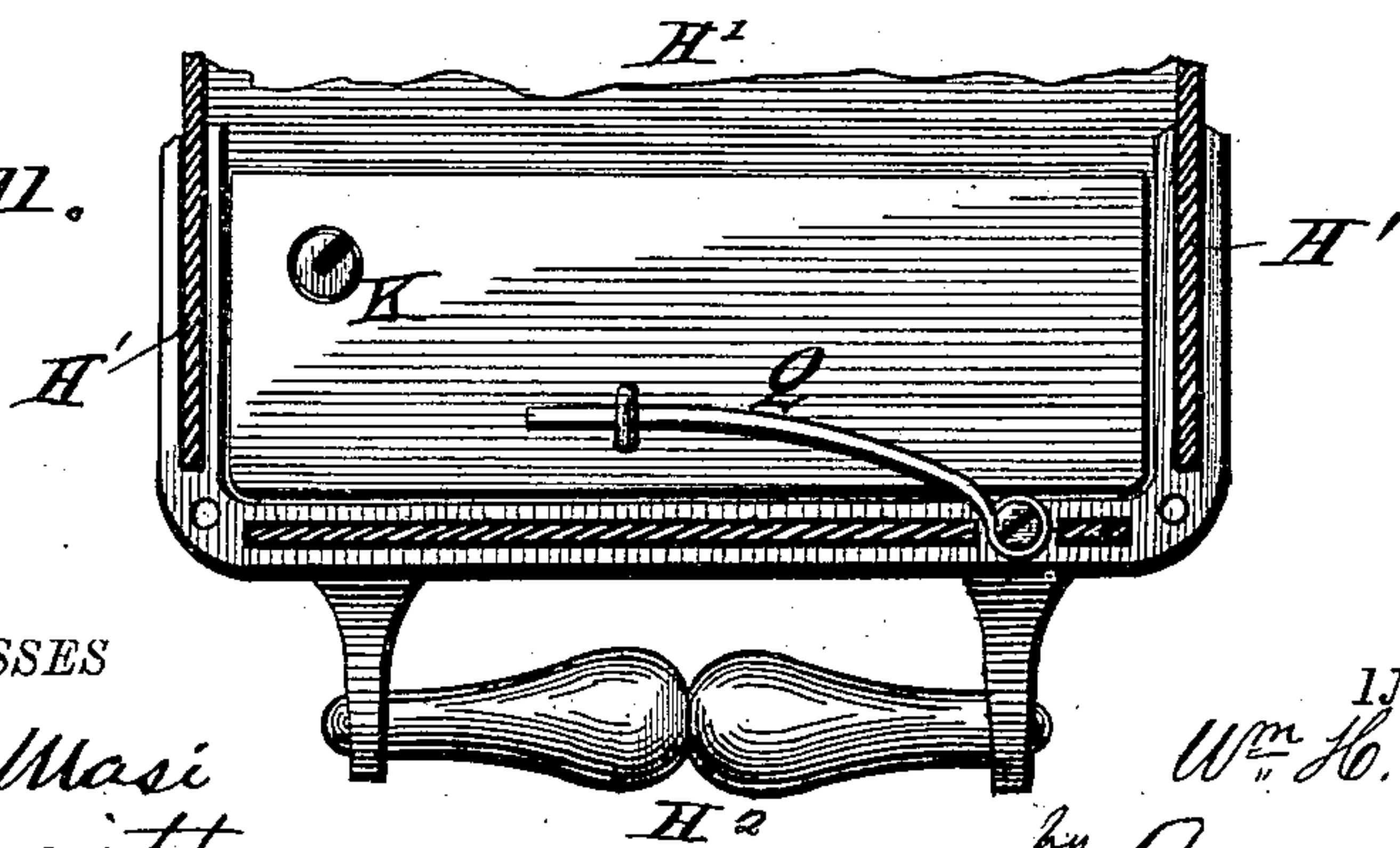


Fig. 11.



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UNITED STATES PATENT OFFICE.

WILLIAM HENRY HARRISON, OF LOUISVILLE, KENTUCKY, ASSIGNOR TO
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MONEY-DRAWER FOR FARE-BOXES.

SPECIFICATION forming part of Letters Patent No. 337,262, dated March 2, 1886.

Application filed August 3, 1885. Serial No. 173,461. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM HENRY HARRISON, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Money-Drawers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention relates to street-car money-drawers; and it consists in the construction and novel combination of parts, as will be hereinafter fully described, and particularly pointed out in the claims.

The object of the invention is to provide any of the ordinary money-boxes used on street-cars with a money-drawer for retaining the fares deposited therein under lock and key until the drawer has been delivered to the proper person at the office of the company, thereby preventing tampering with the contents of the drawer by unauthorized persons.

Figure 1 of the drawings is a view in perspective from the under side of the bracket, which is secured in and to the money-box by suitable screws, and is provided at E with ways or grooves suitable for sliding the money-drawer in and out of the money-box.

Fig. 2 is a top view of the bracket, which is provided with a tension-bolt, B, and check-bolt A. D is the arm or device for securing the removable wooden block D' in position against the glass in the money-box when the money-drawer is in position for use, and for releasing it when the money-drawer is withdrawn. The spring for the tension-bolt B and check-bolt A is designated by F, and the cap-plate B', which covers the bolts A and B, is shown removed in said Fig. 2. Y in said Fig. 2 designates a section of the door to the receptacle for the drawer in the money-box.

Fig. 3 is a perspective view of the money-drawer as it appears when open and laid upon a table, the mouth being shown at P, the hook or catch at J. The projecting point of the

lock and bolt with which the tension-bolt B, Figs. 1 and 2, engages is shown at T. Fig. 4 is a plan view of the lower section of the frame to which the lid and sack are secured, and this frame is provided with a spring, Q, for retaining the movable half-top open when the drawer is being emptied. Fig. 5 is a vertical sectional view on line *xx* in Fig. 4. Fig. 6 is an interior view of the combined lid and lock, showing the internal arrangement of the working parts. Fig. 7 is a detail view of the cap and under portion of the combined lid and lock. Fig. 8 is a perspective view of the money-drawer with the half-top closed and locked over the mouth of the drawer or sack. Fig. 9 is a vertical sectional view on line O O in Fig. 6. Fig. 10 is a vertical longitudinal section. Fig. 11 is a detail view.

Corresponding letters of reference indicate like parts in all of the figures of the drawings.

I provide the money-box with a bracket, Figs. 1 and 2, having ways or grooves E, into which tongues N N, Fig. 5, at the top of the drawer, are fitted for the purpose of guiding the drawer in and out of the receptacle in a manner to secure a sure engagement of the tension-bolt B with the movable half-top. When the mouth of the drawer is open, as shown at P, Fig. 3, the distance from the point T of the half-top and lock to point U on handle H² is the same as the distance from the tension-bolt B to point U. The door Y, Fig. 2, of the money-box is so fitted as to force it to be closed against the bracket at point U, Fig. 2, before it can be locked and the key removed. Therefore, when the money-drawer is placed in the receptacle, should it not be shoved in sufficiently to engage the tension-bolt B in closing the door Y, it is brought in contact with the handle H of the money-drawer, pressing it inwardly, insuring a correct engagement of the half-top and lock with the tension-bolt at T, Fig. 3.

The withdrawal of the money-drawer, when the door of the receptacle is unlocked and open is accomplished by taking hold of the handle H and drawing it toward the operator, the movable half-top F being held by the tension-bolt B. The hook or catch J is passed into the cavity M, Fig. 6, and brought in con-

tact with hook or dog I at O, pressing it from bolt R until the bolt is disengaged from the hook or dog, when it is thrown forward by spring L and engages in the notch in the catch J, securely locking over the mouth of the money-drawer the half-top. At the same time the projecting point G of bolt R comes in contact with the end of the tension-bolt B, disengaging it from the point T of the movable top, permitting the money-drawer to be withdrawn from the receptacle.

At S, Fig. 6, is shown a pivoted tension-bolt, S', the loose end of which protrudes upward through the movable half-top F, as shown at S in Fig. 8, when the bolt R is thrown forward, the object being to prevent the movable half-top from being passed back and under the stationary top when the bolt R is in a forward position, and thus prevent the money-drawer from being shoved into the receptacle when the bolt R is in a forward position.

The object of the check-bolt A is to prevent the insertion of the money-drawer in the event that the tension-bolt B be, by a wedge or otherwise, secured back and not left free to engage the movable top when the money-drawer is shoved into position.

My method of securing the sack to the top or frame of the money-drawer is delineated in Figs. 4 and 5; and it consists in providing a double frame flared outwardly from the center of the side at the top. I turn a hem upon the edge of the sack and pass the hem between the sections of the frame from the under side, and then open the hem and insert a wire or cord into the hem. I then draw the sack downwardly and afterward secure the stationary top to the frame with screws or rivets, and sometimes with both screws and rivets.

In some cases the money-box is so exposed

to the weather that in rainy and stormy weather water is liable to leak into the drawer. To provide for this I secure eyelets in the bottom of the sack for the purpose of permitting drainage of such leakage.

Having thus fully described this invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. The combination, with a money-drawer, of the bracket secured to the supporting-frame and having the ways E for the drawer-frame, the tension-bolts A and B, spring F for the said bolt A, and tension D, and the spring for holding the movable half-cover open when the drawer is being emptied, substantially as specified.

2. The money-drawer consisting of the double metal frames, the leather or flexible sack having its upper edge arranged between the said frames, and the securing screws or rivets, substantially as specified.

3. The combination, with the money-drawer having the handle H, of the spring Q, for holding the movable half-cover open, the bolts secured to the double frame of the drawer or bag, and locking or tripping devices secured to the bracket of the drawer-supporting frame, substantially as specified.

4. In a money-drawer, the combination, with the sack, of a top comprising a stationary half-cover and a movable half-cover, and the bracket, carrying devices, substantially as specified, for locking and unlocking the movable half-cover, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM HENRY HARRISON.

Witnesses:

S. B. RANKIN,
E. S. MILLER.