

A. A. ROOT.  
SAFE.

No. 479,464.

Patented July 26, 1892.

Fig. 1.

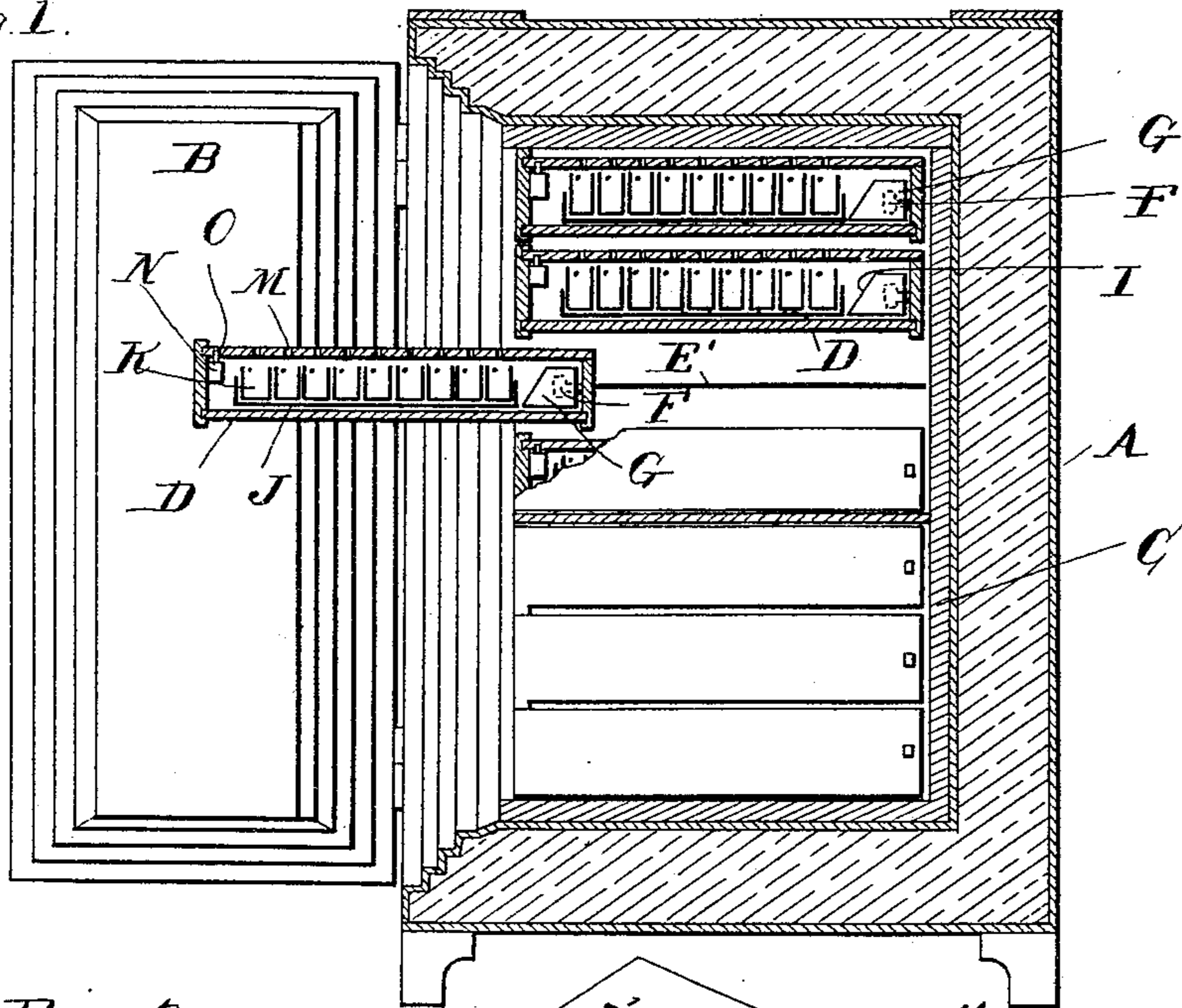


Fig. 3.

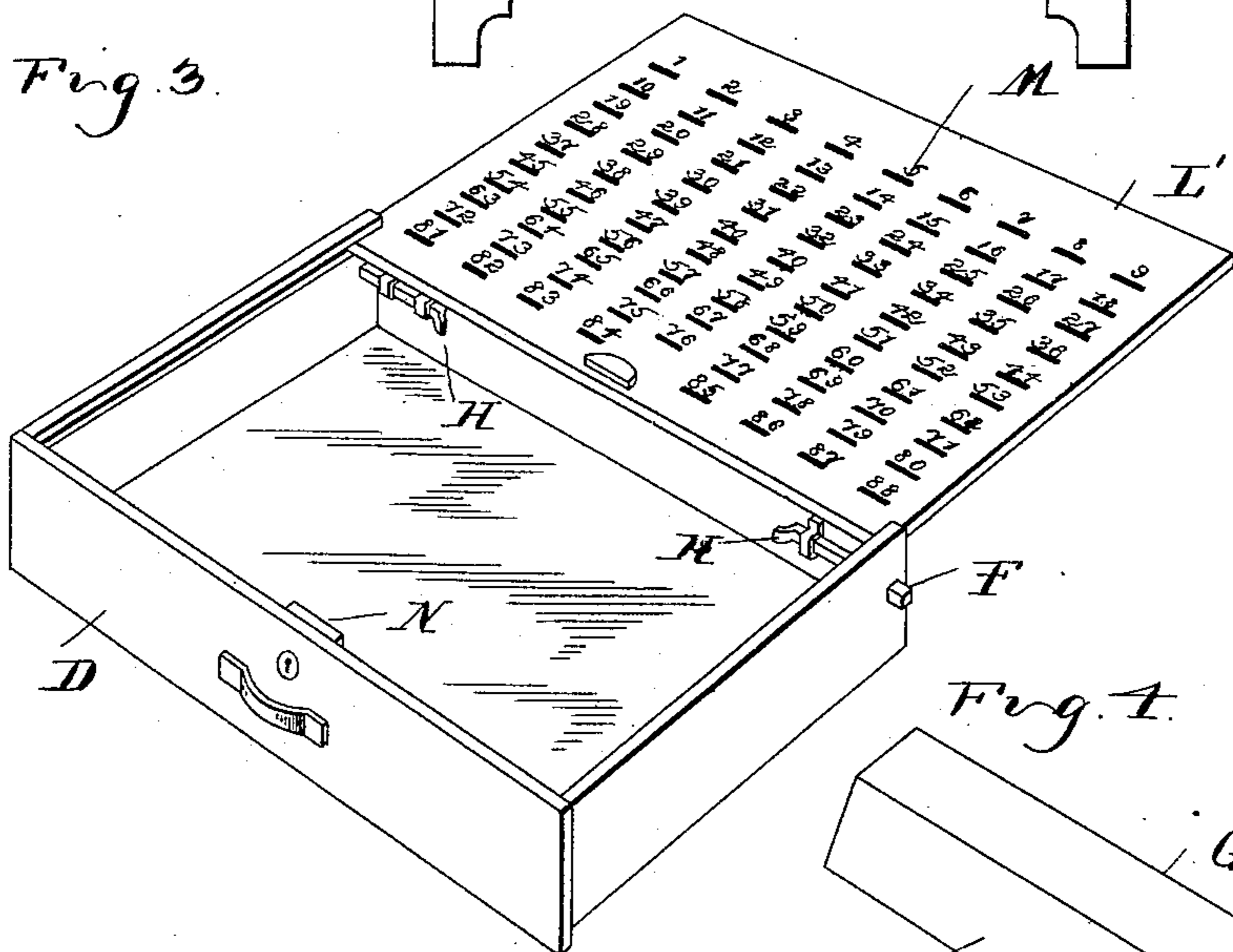
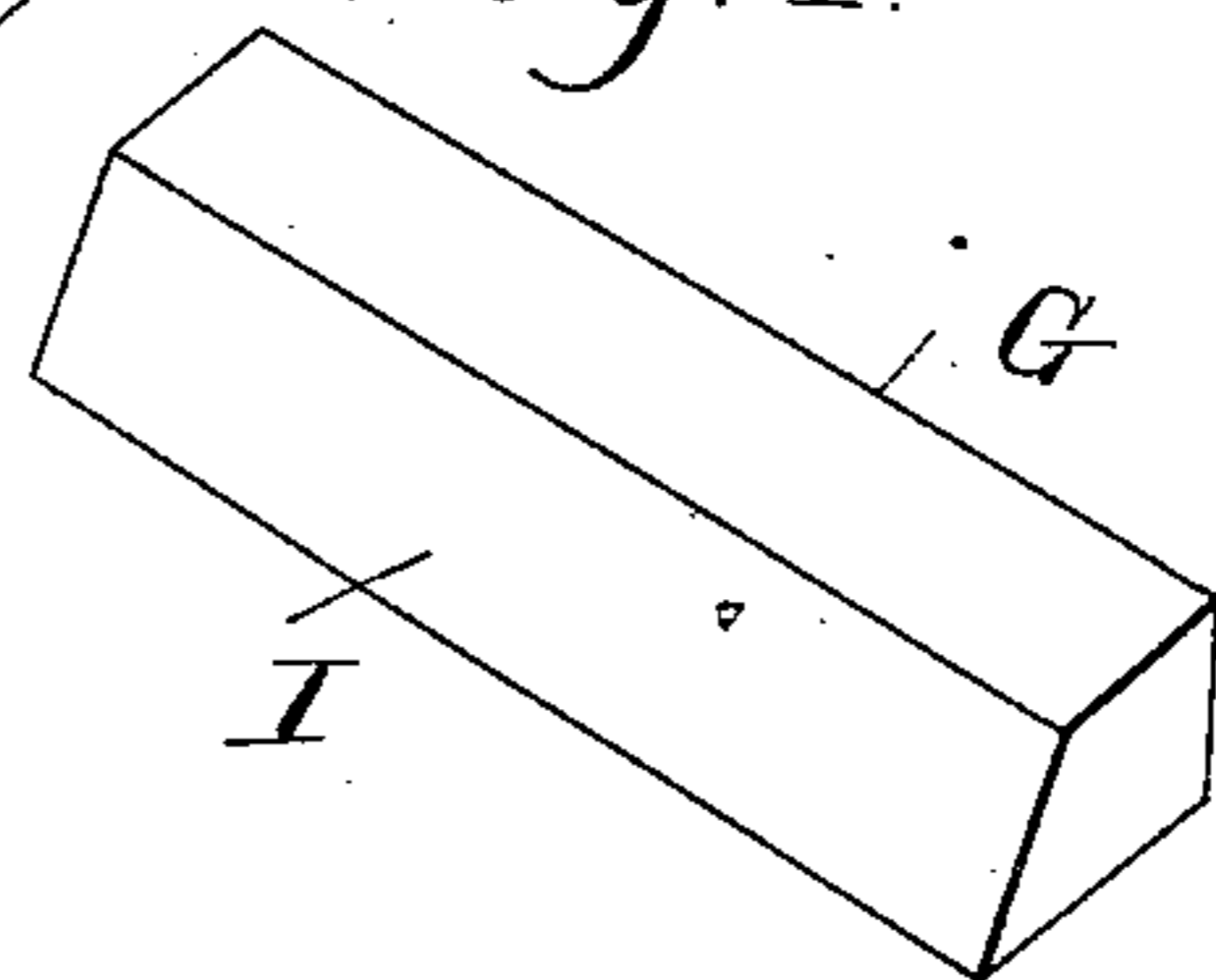


Fig. 4.



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Fig. 2.

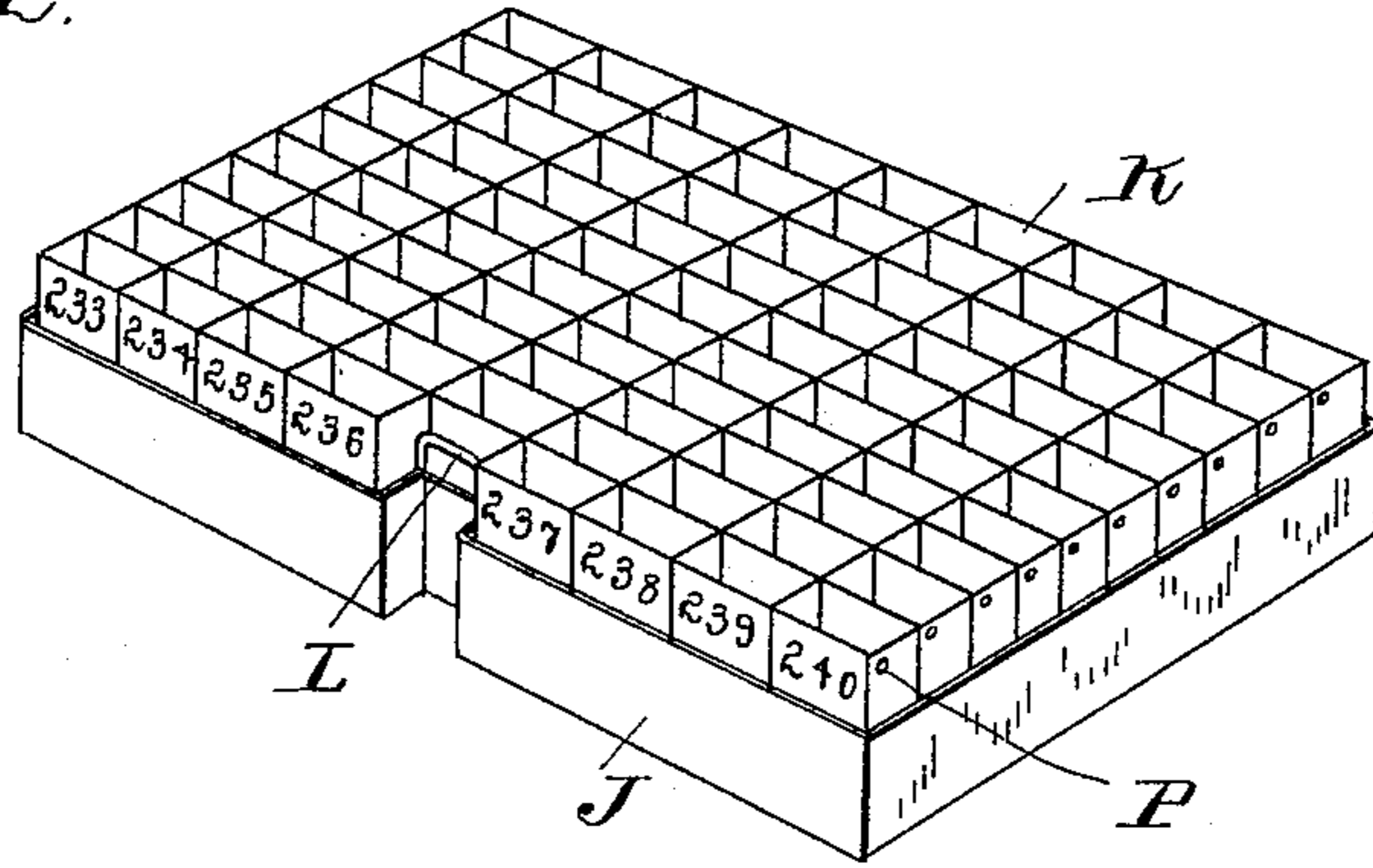


Fig. 5.

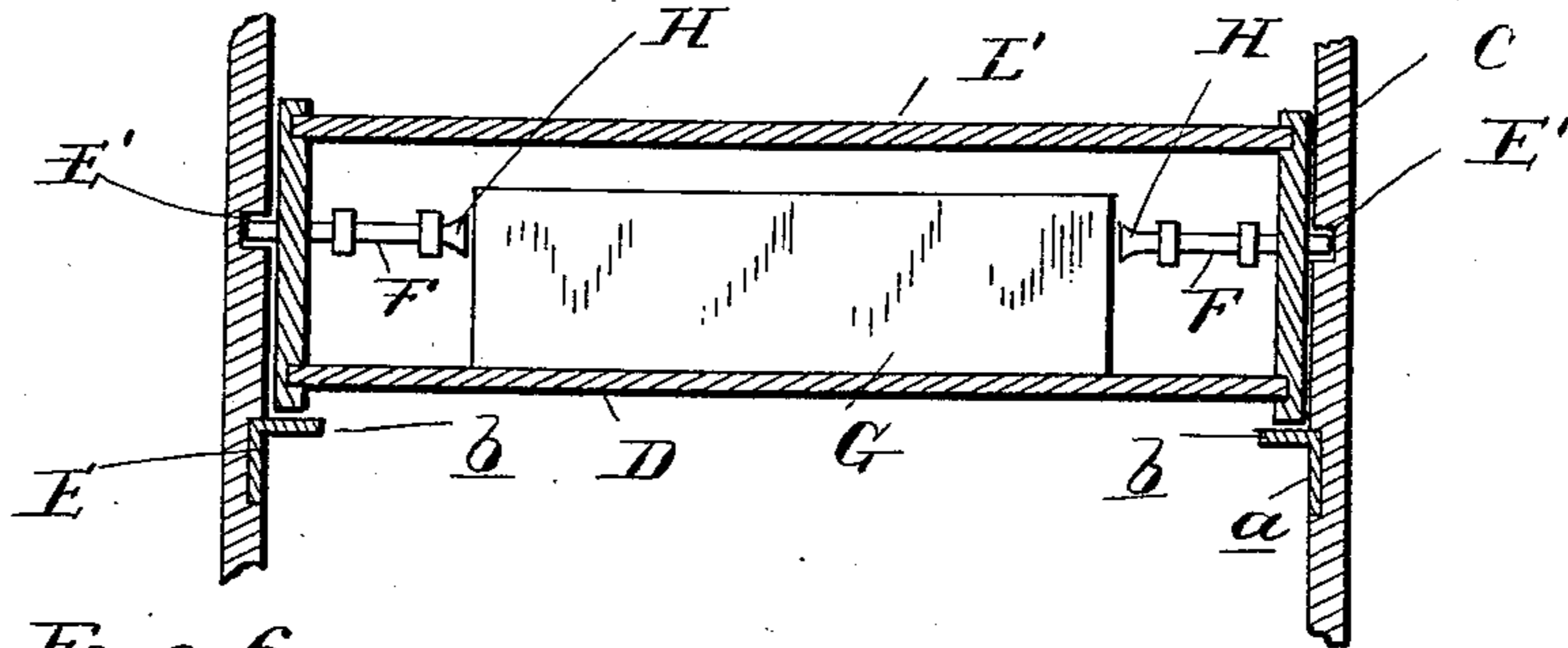
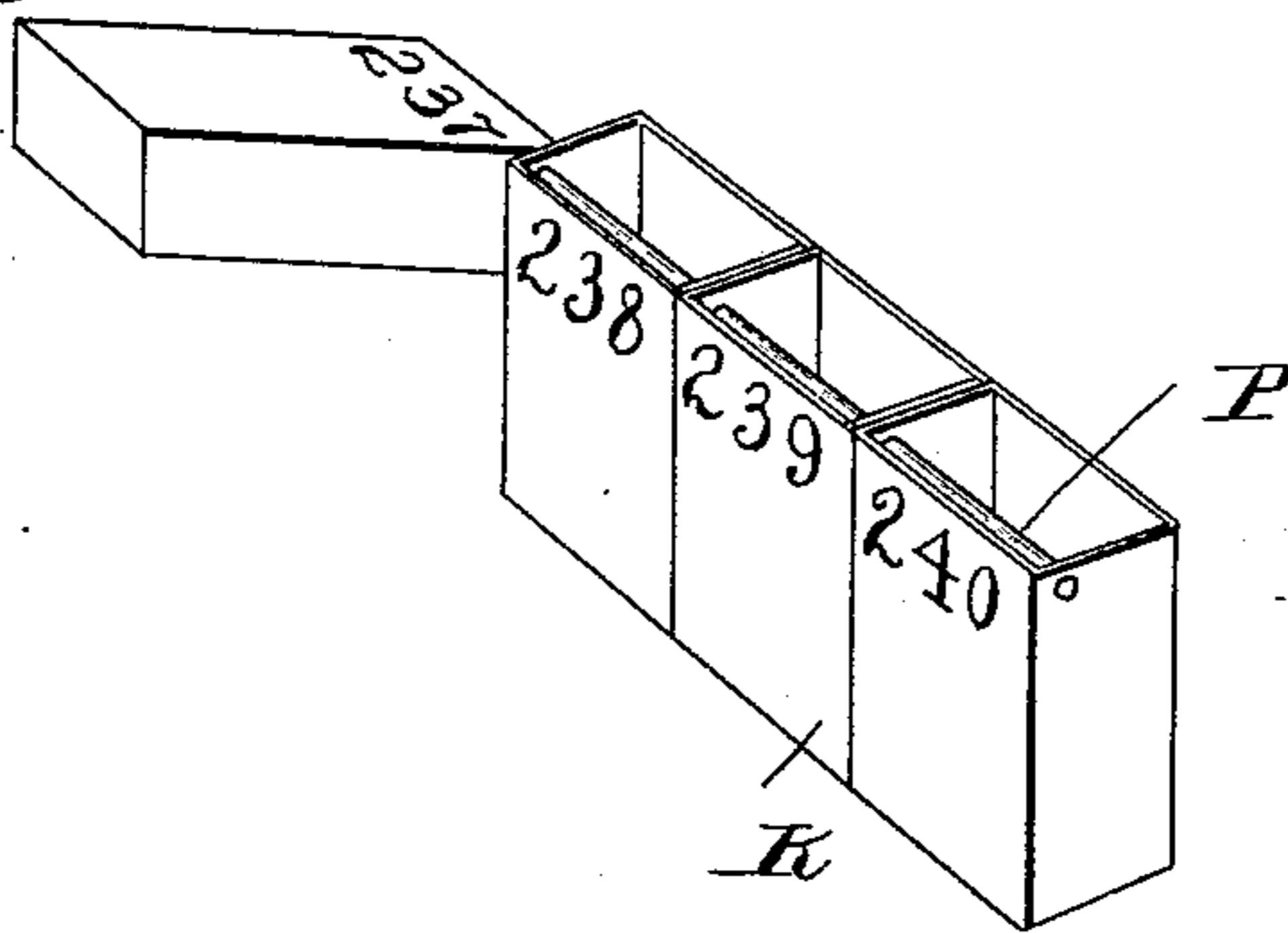


Fig. 6.



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# UNITED STATES PATENT OFFICE.

ALBERT A. ROOT, OF DETROIT, MICHIGAN.

## SAFE.

SPECIFICATION forming part of Letters Patent No. 479,464, dated July 26, 1892.

Application filed February 23, 1892. Serial No. 422,444. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT A. ROOT, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Savings-Deposit Safes, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to new and useful improvements in savings-deposit safes; and the invention consists in the peculiar construction of the inner compartments in the safe, which contain a series of compartments, 15 each having a separate slot or aperture in which savings may be deposited, with suitable means for locking and removing the compartments when desired, and with suitable means for identifying each compartment 20 with the depositor or the book of said depositor by numbering or otherwise; and the invention also consists in the peculiar arrangement, construction, and combination of the various parts, all as more fully hereinafter described.

25 In the drawings, Figure 1 is a vertical central longitudinal section, partly in elevation, through a safe embodying my invention, showing the safe-door open and one of the drawers or tills extended to permit of the 30 insertions of savings in the compartments of till. Fig. 2 is a detached perspective view of one set of compartments adapted to be used in one of the drawers or tills. Fig. 3 is a detached perspective view of one of the drawers 35 or tills with the set of compartments removed and showing the lid open. Fig. 4 is a perspective view of the locking-block for the till. Fig. 5 is a central vertical cross-section looking to the rear in Fig. 3. Fig. 6 is a perspective view showing the construction of 40 one of the series of compartments in each set or case.

At the present time many plans are employed for collecting savings for savings-banks 45 and similar institutions, whereby a depositor may not be required to carry his savings to the bank itself, such bank providing a number of depositories at places convenient of access throughout the city.

50 My invention consists in constructing a safe of any desired manufacture which shall give

the proper security to the saving-deposit therein, and which may be placed wherever desired, arranged in such a manner that the depositor may place his money in a numbered 55 or lettered receptacle and be assured that such money will be properly credited to him at the bank.

A represents a safe of ordinary construction securely built and provided with a door 60 B, with any suitable means of locking it. Within this safe I preferably secure a lining C, fitting accurately the inner walls of the safe. Within this lining or casing I secure a number of drawers or tills D, resting upon 65 guides E, which I preferably form of angle-iron, having the leg *a* thereof sitting in a gain or notch of the casing, flush with the face thereof, and the leg *b* extending at right angles thereto and forming a support for the 70 drawer. These drawers are preferably of a sufficient number to fill the entire inner chamber of the safe. To prevent the withdrawal of these drawers entirely from the safe, I form grooves E' upon each side of the 75 casing, extending from near the rear thereof to near the front upon both sides, in which the ends of the bolt F, secured to the rear face of the drawer, are adapted to engage and are held from disengagement by placing a block 80 G between the heads H of such bolts, as plainly shown in Fig. 5.

The length of the slots E' is such that when the drawer is withdrawn to its outermost position the block G will still be within the 85 safe and out of reach of any one opening the drawer, so that it cannot be detached. The front face I of this block is beveled from the lower edge upward to the rear for the purpose of allowing the withdrawal of the case 90 J, containing the compartments K. This case fills the entire drawer and at its rear edge bears against the front edge of the block G; but it may be removed by lifting on the bail L, causing the case to assume an inclined position, which is permitted by the inclined face 95 I of the block and then withdrawing the case over the front of the drawer. After this is done it is evident that the block G might be removed, the bolts retracted, and the drawer 100 detached.

L' is a cover or lid formed upon the upper

side of the drawer and provided with a series of apertures M, one for each of the compartments K within the case.

N is a lock for locking the cover. The cover L' is provided at its forward edge with the niche or recess O, in which the lock engages.

The compartments K are preferably arranged in horizontal series, as shown in Fig. 6, pivoted upon the transverse rod P at the top, (a suitable number or letter designating each box,) which series is thus connected together by the rod P; but each compartment or box may be turned upon its pivot independent of the others, so that its contents may be emptied without affecting the others, as plainly shown in Fig. 6. The case J being filled with a series of the compartments K and placed in the drawer, each slot being lettered or figured to correspond with the compartment beneath it, a depositor to deposit money in his compartment withdraws the drawers to the position shown in Fig. 1 and deposits the money in the slot corresponding with the number of its bank or account, it being impossible for him to obtain access to any of the other accounts, or in any way to remove the drawer.

The bank in making up the accounts withdraws each drawer, taking out the case J with the compartments, removing each compartment separately and giving credit to each depositor for the money found in his compartment, and replaces the compartment and drawer and leaves it for further deposit.

35 What I claim as my invention is—

1. In a safety-deposit safe, the combination of a drawer or till having an apertured lid and compartments corresponding to the apertures arranged in series, the compartments of each series being connected, substantially as described.

2. In a safety-deposit safe, the combination of a drawer or till having an apertured lid, independently-pivoted compartments corresponding to the apertures arranged in series, and a connecting-rod upon which the compartments of each series are independently pivoted, substantially as described.

3. In a safety-deposit safe, the combination of a drawer or till having an apertured lid, compartments corresponding to the apertures, and a detachable case J, in which said compartments are located, substantially as described.

4. In a deposit-safe, the combination, with a drawer and supports therefor having guideways formed therein, of bolts passing through the drawer and resting in said guideways and a removable block located between the ends of the bolts, substantially as described.

5. In a saving-deposit safe, the combination, with the lining C, of the drawers D, the guides E, formed of angle-iron having the leg *a* set in a gain in the side of the lining flush with the case thereof, and the leg *b*, extending laterally therefrom and forming the guides for the drawer, and the bolts H, engaging in apertures in the side of the case, substantially as described.

6. In a safe-deposit safe, the combination of the drawers, the bolts H to prevent their detachment, but permit a limited withdrawal thereof, the case J in said drawers, the block G, having the inclined face I, the compartments in said case, and the lid L', substantially as described.

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

ALBERT A. ROOT.

Witnesses:

M. B. O'DOHERTY,  
N. L. LINDOP.