

No. 754,961.

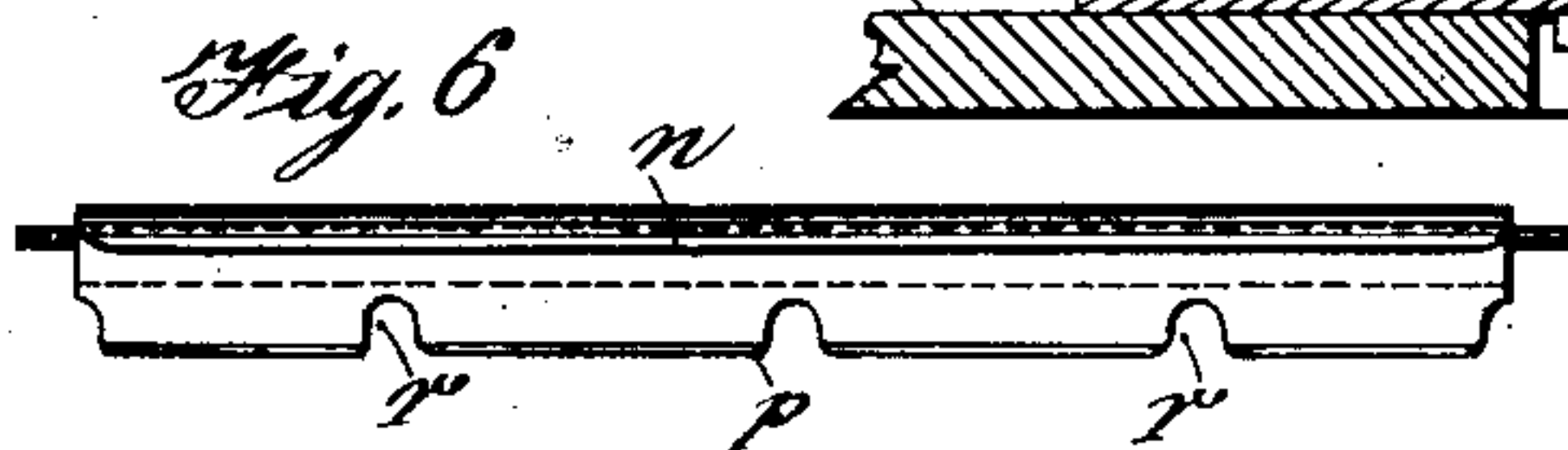
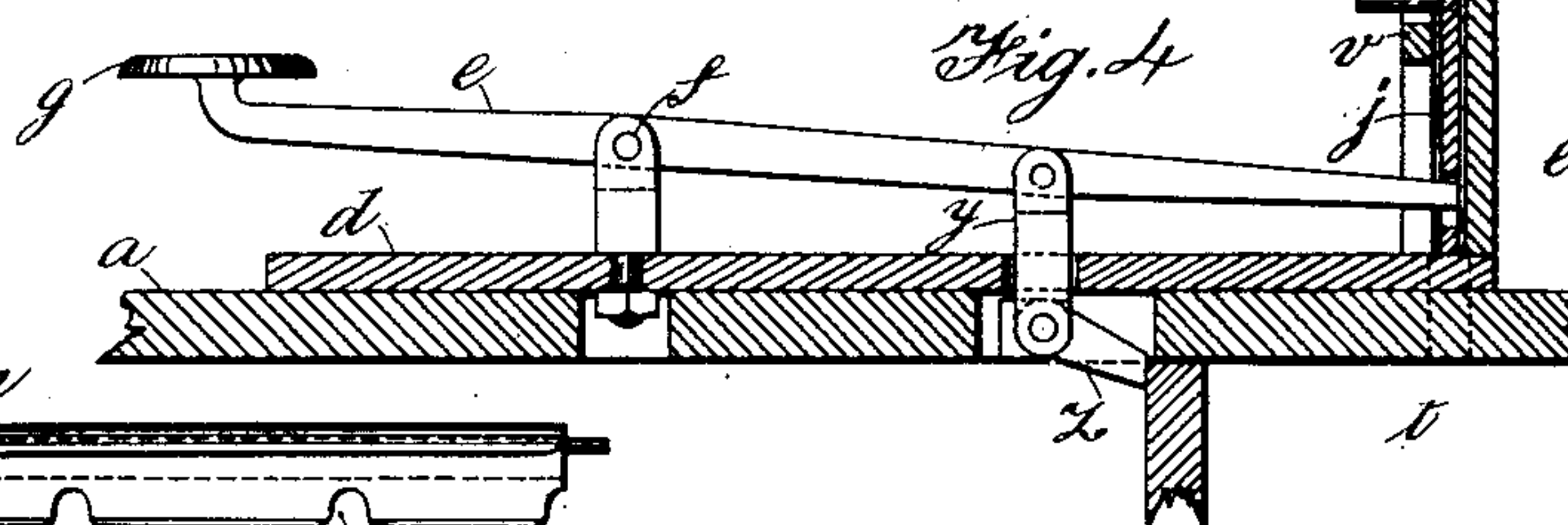
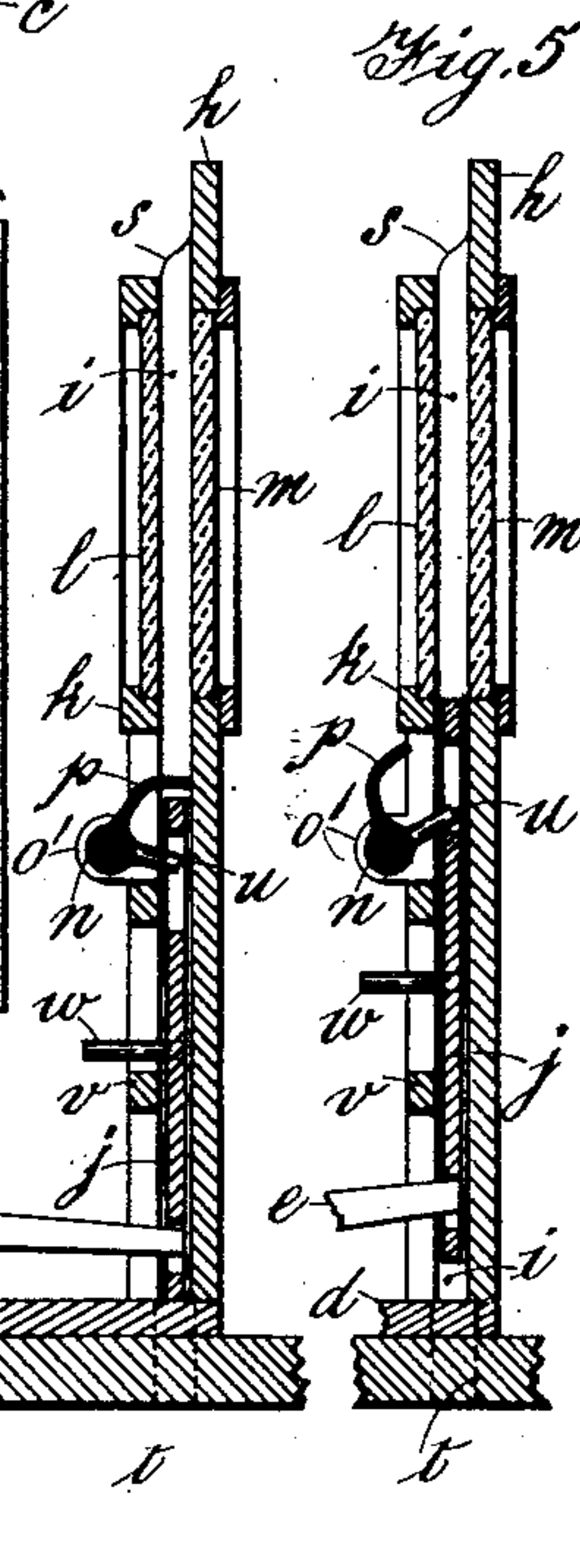
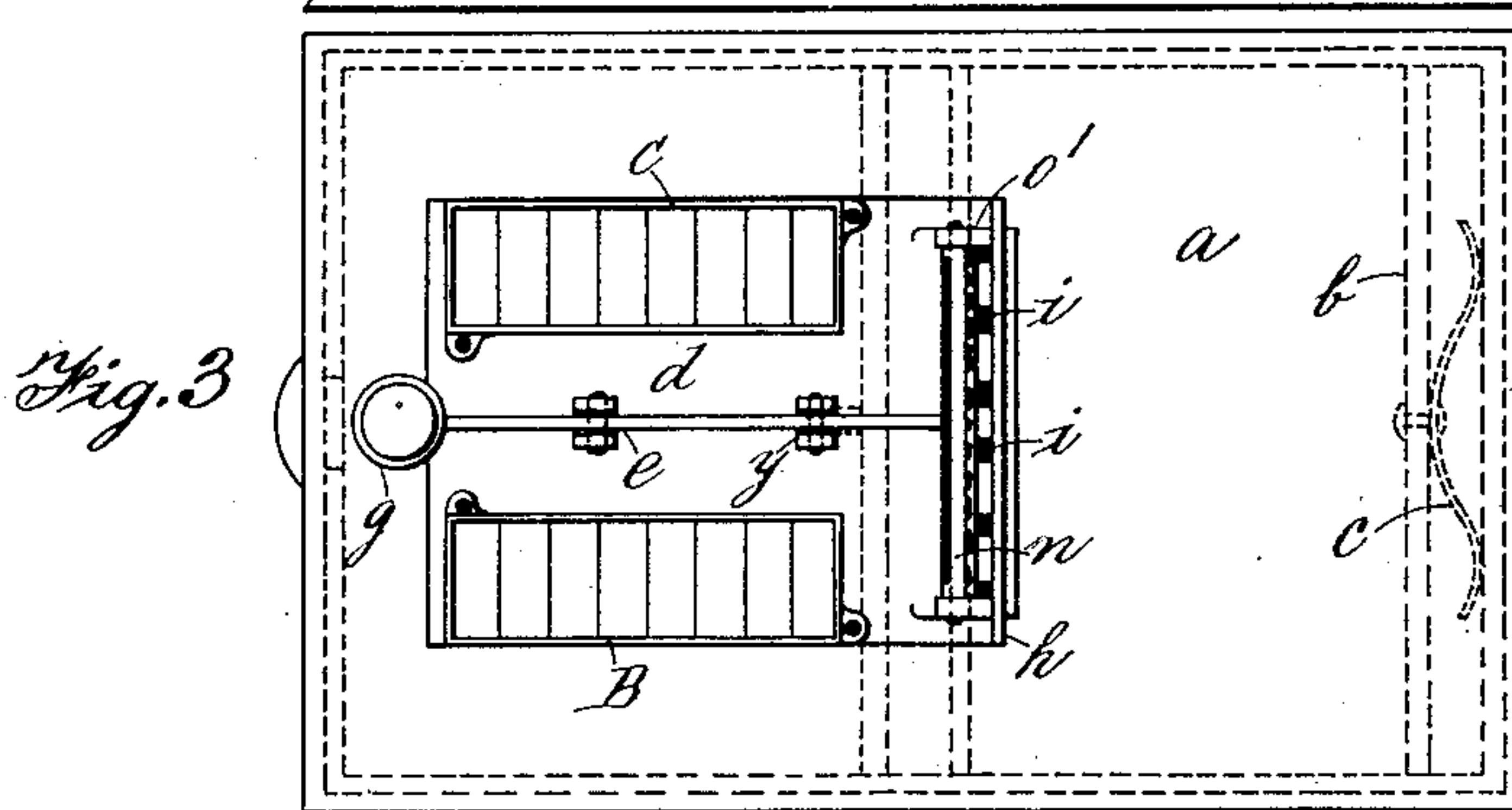
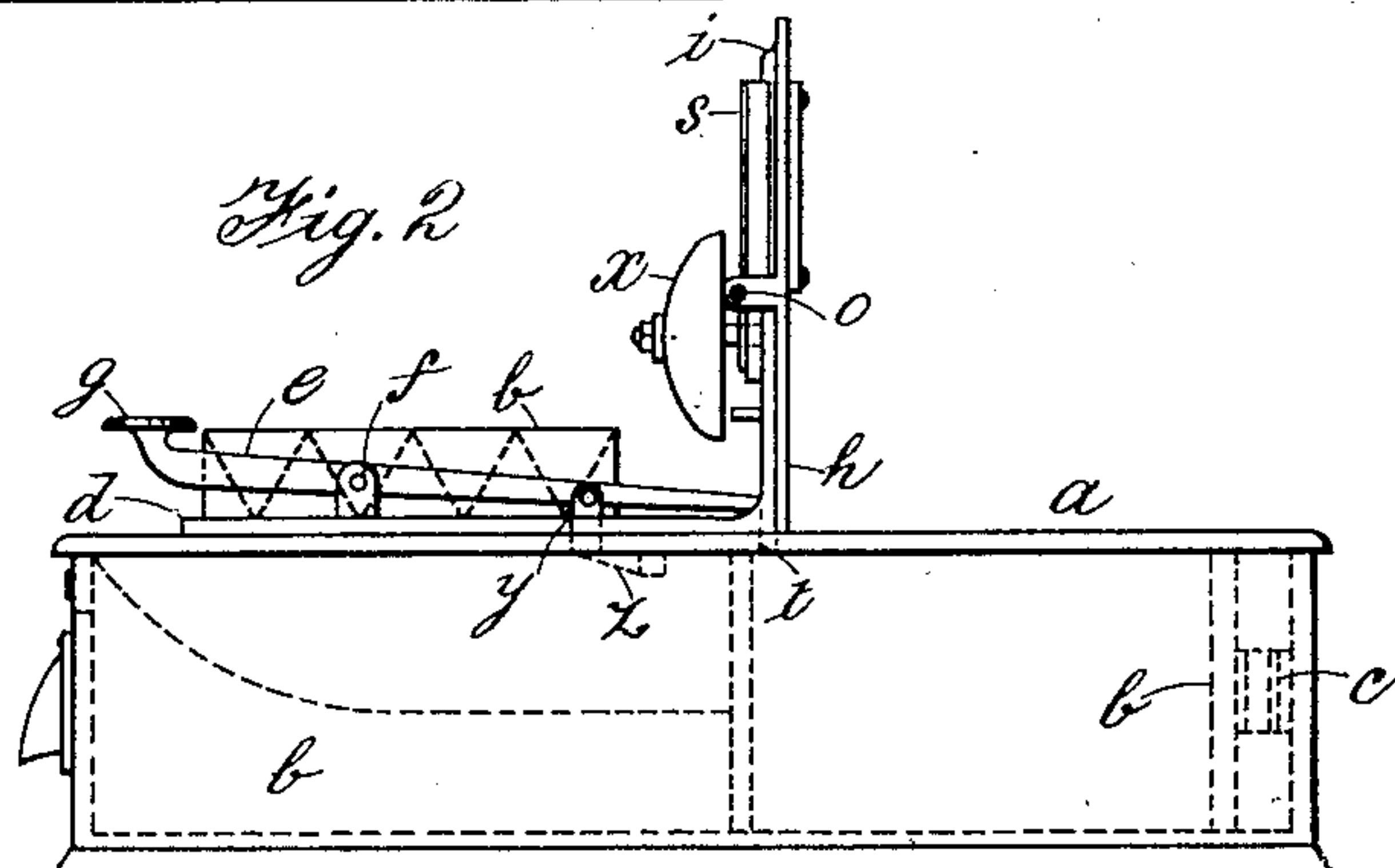
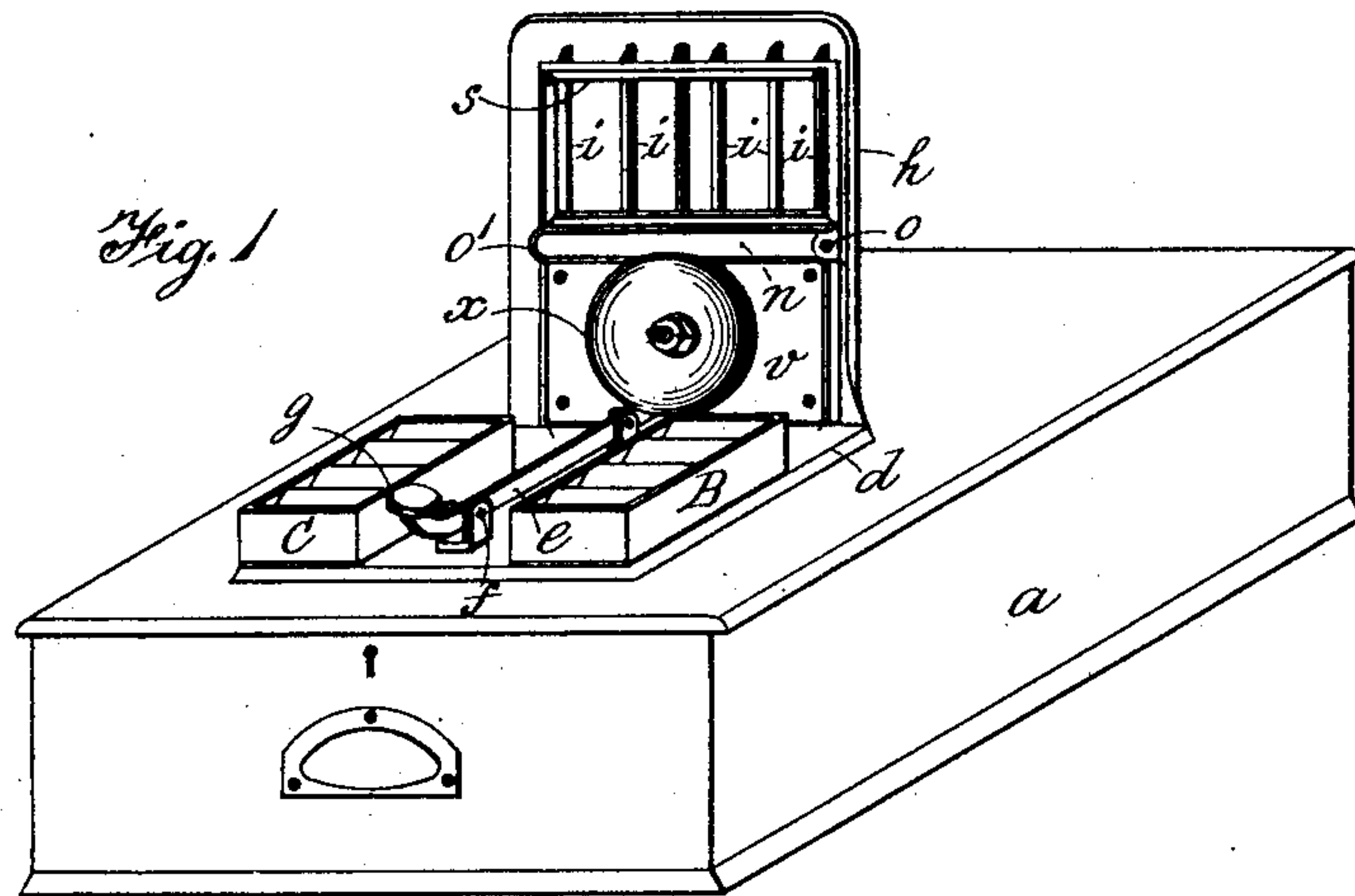
PATENTED MAR. 22, 1904.

F. W. BAYNES.

CASH TILL.

APPLICATION FILED DEC. 2, 1902.

NO MODEL.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

FREDERICK WALTER BAYNES, OF LONDON, ENGLAND, ASSIGNOR TO  
PHILIP ECKHAUS, OF WEST KENSINGTON, ENGLAND.

## CASH-TILL.

SPECIFICATION forming part of Letters Patent No. 754,961, dated March 22, 1904.

Application filed December 2, 1902. Serial No. 133,639. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK WALTER BAYNES, a subject of the King of Great Britain, residing at 65 Chancery Lane, London, in the county of Middlesex, England, have invented a new and useful Improvement in Cash-Tills, of which the following is a specification.

My invention relates to improvements in cash-tills in which the separate amounts of money paid into tills are checked by corresponding tickets which are exposed to view where they can be seen by the customer and remain in view until the till has been opened for the reception of the next amount paid, when they are automatically deposited in a separate closed receptacle, so that when the day's takings are balanced the amount of money in the till should correspond exactly with the amount shown upon the tickets in the receptacle; and the objects of my improvement are to make the apparatus simple and automatic in its action and to afford facilities for the inspection of the registering-tickets by the customers paying and to provide for the automatic withdrawal of such tickets when the till is used for the next operation. I attain these objects by the means illustrated in the accompanying drawings, in which—

Figure 1 is a general view of the entire till; Fig. 2, a side view of the till shown closed; Fig. 3, a view from above of the till when closed; Fig. 4, a vertical section, on a larger scale, of the device for releasing and discharging the tickets and opening the till, showing the releasing device closed; Fig. 5, a similar view showing the releasing device open; and Fig. 6, a view from above, on a larger scale, of the releasing-plate.

Similar letters refer to similar parts throughout the several views.

*a* is a rectangular box or case forming the till, having a drawer *b* sliding into it, but forced open by a spring *c* at the back of the box when the fastening holding the drawer is released.

*d* is a metal base-plate screwed upon the top of the box *a*.

*e* is a pressing-lever turning in a joint *f*, fixed upon the top of the box *a* and having a

pressure-plate *g* at its outer end, by which it can be depressed.

*h* is a vertical rectangular plate fixed upon the base-plate *d* and having formed upon its front small vertical ribs *i*, extending from the bottom to nearly the top of the plate at such distances apart as to form vertical channels of such width as to receive freely the indicating-tickets. The central channel is narrower than the others and has fitted freely in it a vertical slide *j*, Figs. 4 and 5, the lower end of which has an opening through it to receive the inner end of the lever *e*, so that when the lever is depressed the slide *j* is raised.

*k* is a plate screwed against the outer edges of the ribs *i*, and *l* is a glass plate inserted in the plate *k*, through which tickets placed in the channels between the ribs *i* can be seen. A corresponding opening in the plate *h* has a similar glass plate *m* inserted and held in it.

*n* is a transverse spindle turning in bearings *o* *o'* at the side of the plate *h* and having fixed upon its upper side a longitudinal catch-plate *p*, extending across the channels for the tickets and having notches *r* at its outer edge, Fig. 6, which pass over the ribs *i*, so as to allow the edge of the plate to fall against the plate *k* and to support the tickets, which are introduced at *s* into the channels between the ribs *i*. When the lever *e* is depressed, the slide *j* is raised and its upper end presses up the center of the bent catch-plate and allows the tickets to fall down through an opening in the base-plate *d* and the top of the box at *t* into the inner part of the drawer *b*. A pin *u* in the spindle *n* enters a slot in the slide *j* and insures the closing of the catch-plate *p* when the lever *e* is released. The lower part of the channels formed by the ribs *i* is closed by a plate *v*, screwed upon them and having a slot through which a pin *w* upon the slide *j* projects and operates in the usual well-known way the hammer of a bell *x*, fixed upon the plate *v*, so that the bell sounds every time the lever *e* is depressed.

A bar *y*, jointed to the lever *e*, passes freely through the base-plate *d* and the top of the box and carries at its lower end an inclined hinged catch *z*, which drops in front of a parti-



tion or rib A, which divides the drawer *b* into two parts, the front division receiving the cash and the back division the tickets which drop into it. The catch *z* is raised and re-  
 5 leases the drawer when the lever *e* is depressed.

B C are boxes screwed upon the top of the box and having compartments holding the tickets representing different amounts of money, which are printed upon them upon  
 10 both sides, so that they can be seen through the glass plates *l m*.

The divisions of the drawer may be divided into any number of separate compartments to hold different denominations of money and  
 15 of tickets, and a lock may be fixed to the top of the transverse partition in the drawer, the bolt when locked moving in a longitudinal groove at the bottom of the top of the box, but not extending quite to the front, so that  
 20 the drawer cannot be drawn out far enough to afford access to the ticket-receptacles until the lock has been unlocked.

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

25 1. The combination, in a cash-till, of a box *a* having a drawer *b* divided by a partition, a base-plate *d*, pivoted lever *e*, vertical plate *h*, ribs *i* forming ticket-channels open at the top, slide *j*, spindle *n*, bearings *o o'* on plate *h*,  
 30 longitudinal catch-plate *p*, having notches *r*,

opening *t* through base-plate *d* and top of box *a*, pin *u* on spindle *n*, having a loose connection with the slide *j* whereby the downward movement of the slide rocks the spindle *n*, all substantially as set forth, and shown. 35

2. In a cash-till, the combination with the box having a drawer therein provided with coin and ticket receptacles, of a vertical plate above the box having ribs forming guideways for the tickets communicating at their bottoms  
 40 with the ticket-receptacle, a rock-shaft pivotally supported by said plate, a retaining-plate carried by said rock-shaft having recesses corresponding to the ribs in the vertical plate, the portions of the retaining-plate  
 45 between the said ribs being adapted to enter the guideways, a spindle on the rock-shaft, a slide in one of the guideways adapted to oscillate the spindle and retaining-plate and a lever having drawer-locking means and connections from the said lever to the slide for operating the retaining-plate, substantially as described. 50

In witness whereof I have hereunto set my hand in the presence of two witnesses.

FREDERICK WALTER BAYNES.

Witnesses:

ARTHUR E. EDWARDS,  
 I. L. HILDRETH.