

No. 672,618.

Patented Apr. 23, 1901.

S. T. FISK.
CHANGE MAKER.

(Application filed Apr. 9, 1900.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1.

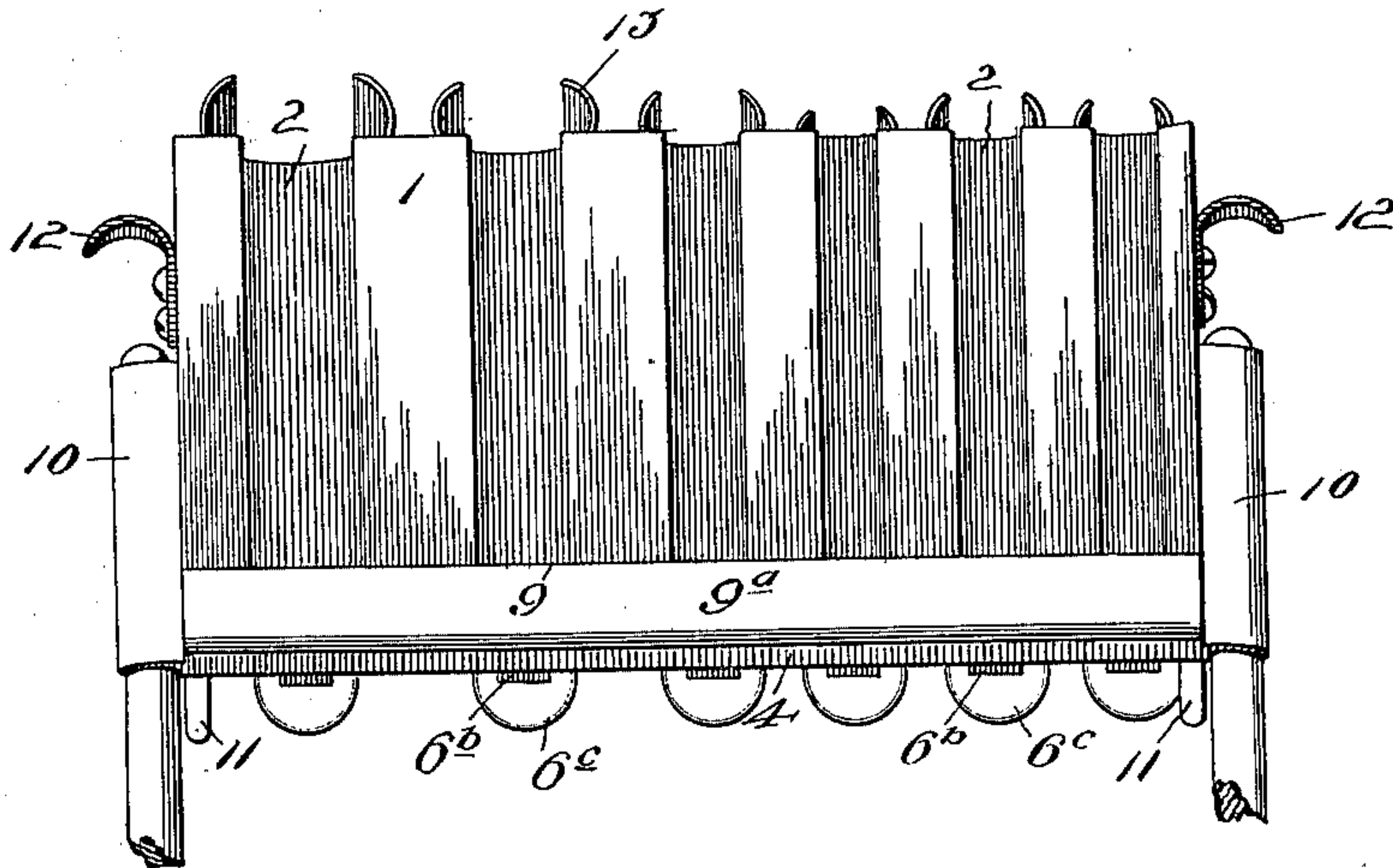
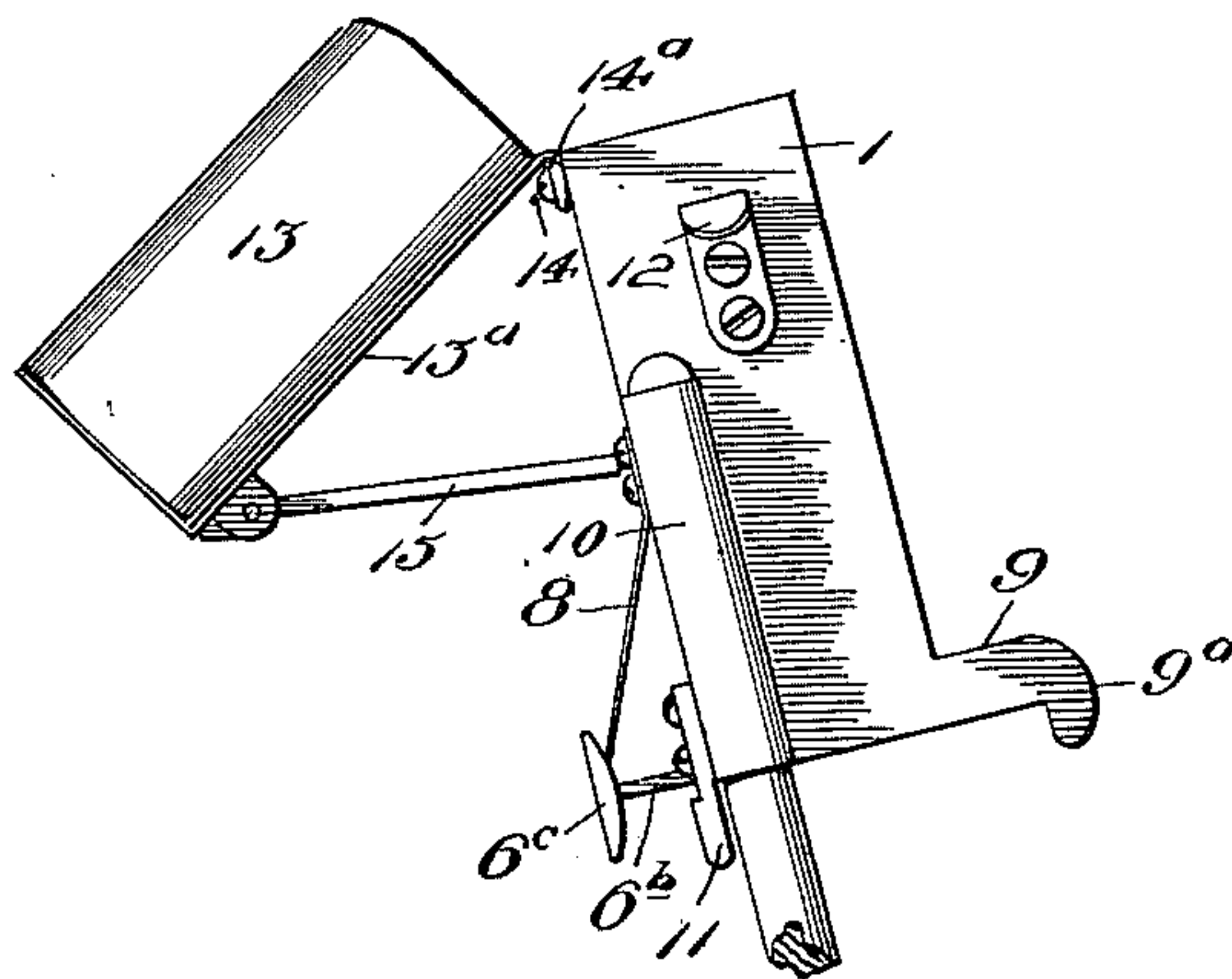


Fig. 2.



Witnesses

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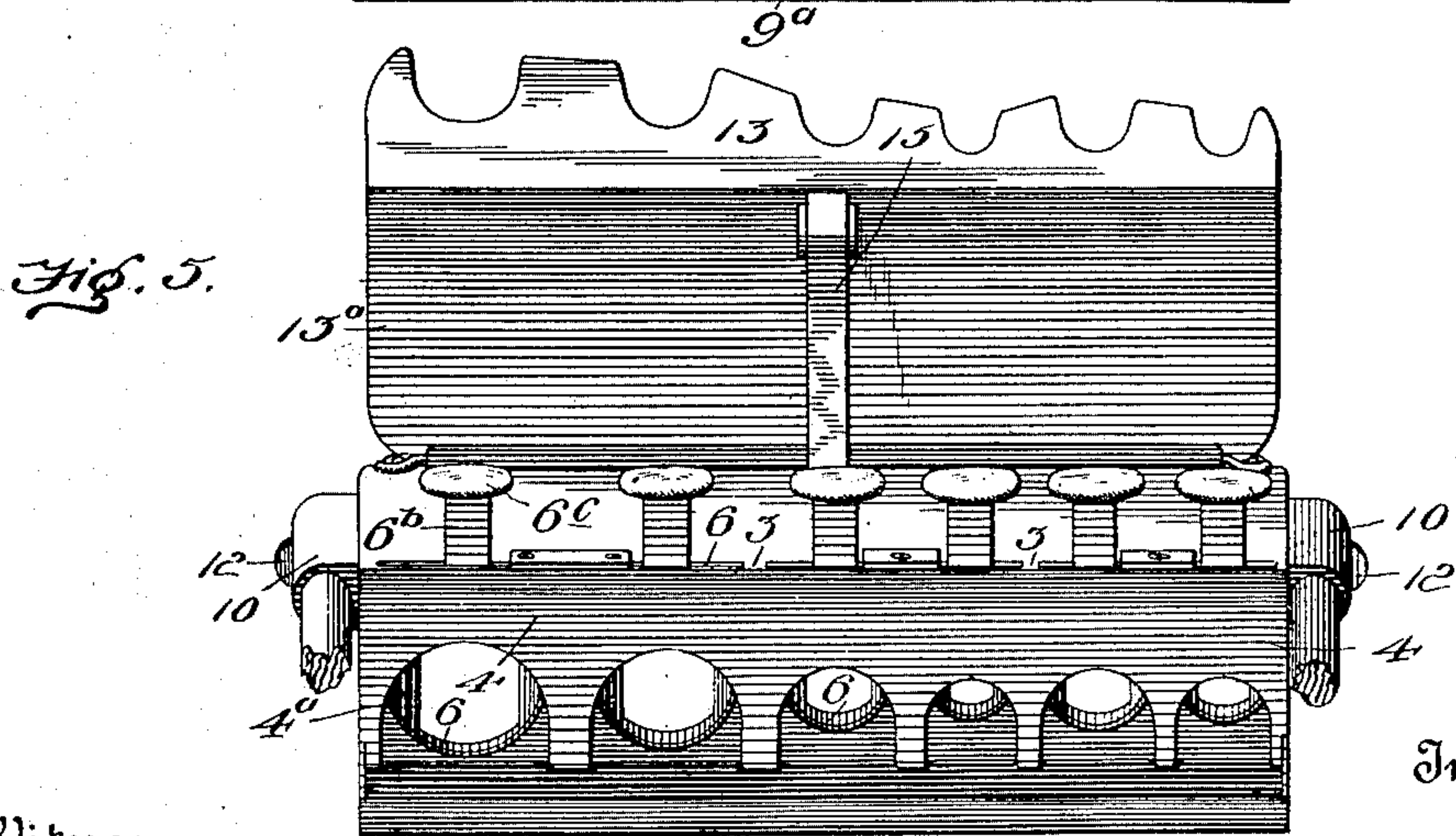
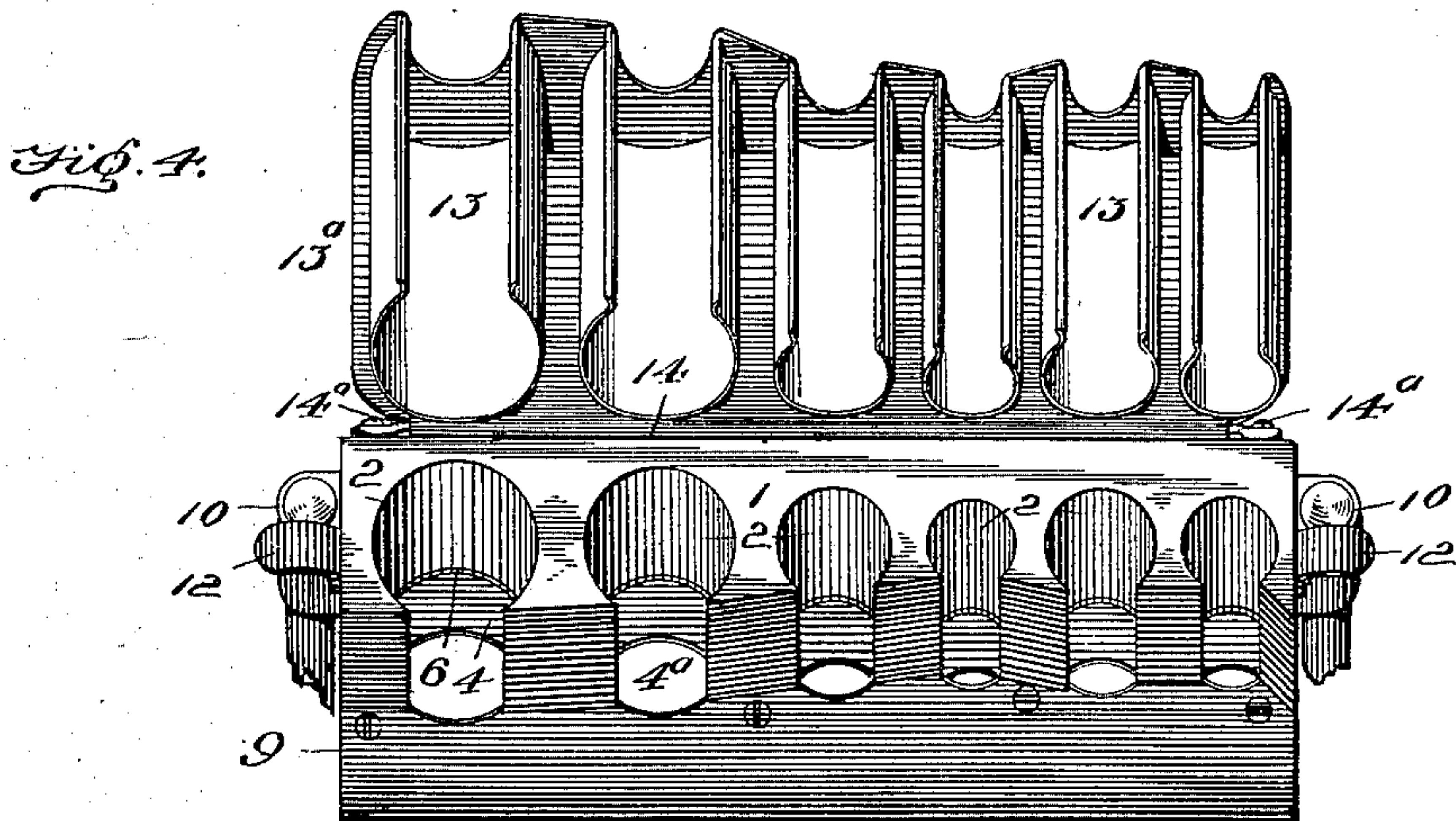
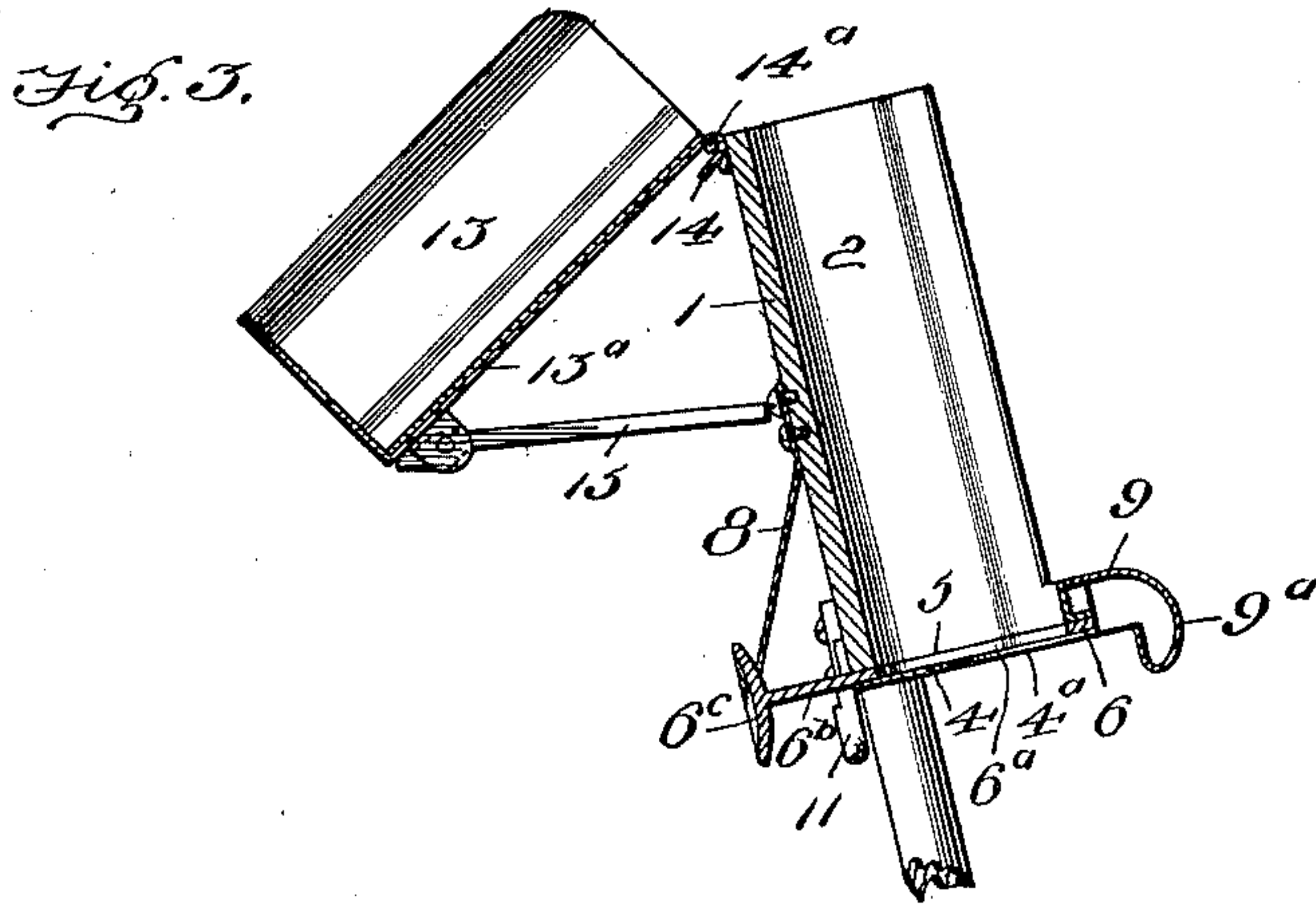
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UNITED STATES PATENT OFFICE.

SAMUEL TATE FISK, OF TOLEDO, OHIO.

CHANGE-MAKER.

SPECIFICATION forming part of Letters Patent No. 672,618, dated April 23, 1901.

Application filed April 9, 1900. Serial No. 12,225. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL TATE FISK, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Change-Makers; and I do hereby 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.

My invention relates to improvements in what are termed "change-makers," equally adapted for money drawers or tills and also as a "coin-holder," so called. It has for its objects principally to greatly simplify construction, lessen cost of manufacture, expedite or aid the making of change in money transactions, especially in mercantile business, to promote facility, utility, and convenience, and to otherwise improve the device.

It consists, primarily, of a serially tubular or chambered casting or holder adapted to be applied for use in the required manner. Said holder has suitably applied thereto slides or plungers for properly discharging or expelling the required coin or change. It also has an auxiliary or supplemental coin-holder attached thereto, adapted to be propped into position upon the aforesaid holder or change-maker.

Further matters of detail as to construction and arrangement of the parts will be fully disclosed hereinafter and pointed out in the claims.

It will be understood that latitude is allowed herein as to details, as they may be changed or varied at will without departing from the spirit of my invention and the same yet remain intact and be protected.

In the accompanying drawings, illustrating the preferred embodiment of my invention, Figure 1 is a front elevation. Fig. 2 is a side elevation. Fig. 3 is a transverse vertical section. Fig. 4 is a plan view. Fig. 5 is an inverted view.

In carrying out my invention I may cast or construct the holder or receptacle 1 of the change-maker with a series or plurality of approximately circular or tubular chambers or cells 2 to receive coins of the required denominations or values, being accordingly graduated or varied in cross-sectional area or

radius, as will be readily appreciated. The cells or chambers thus constructed provide for readily viewing the coins laterally and determining when the same need replenishing, as will be readily understood.

The casting or holder 1 has integral or cast with the bottom edges of the walls of its cells pendent rib-like strips or guides 3, arranged intermediately of the chambers or cells 2, and brazed upon these strips or guides and to one another are plates, making practically a continuous or single bottom plate 4. This arrangement provides suitable spaces 5 immediately under or in alinement with the cells or chambers 2 to receive slides or plungers 6, fitting and guided snugly therein between the guide-strips 3 and the bottom surface of the holder 1 and bottom plate. The bottom plate 4 has a series or plurality of semicircular recesses or notches 4^a in its forward edge, each arranged in coincidence with a portion of the radius of each cell or chamber 2, and the slides or plungers 6 are each provided with a circular opening or hole 6^a, of the same cross-section or radius as that of the cell or chamber 2 above it. Therefore the bottom coin in said chamber or cell will normally rest upon the coincident slide or plunger, and consequently be carried forward as the slide or plunger is actuated and, as the inner or rear edge of the opening of said plunger or slide registers with the forward edge of the notch or recess of the bottom plate, will drop or be expelled below into the hand of the operator held thereunder and actuating or operating said slide or plunger. The slides or plungers 6 are provided at the rear or inner ends of reduced rearward extensions 6^b thereof with preferably disk-like finger-pieces or buttons 6^c, preferably concaved or dished upon their rear or finger-engaged surfaces. These slides or plungers are normally held with their openings in alinement or coincidence with the chambers or cells of the holder 1 by the action of preferably flat springs 8, with their ends bearing by way of convenience upon the rear surfaces of the disks or buttons 6^c and secured to said holders, respectively. Suitably secured to the rear of the holder, near the bottom thereof, are plates 6^d, which serve as stops to prevent rearward displacement of the slides or

followers. The forward movement of said slides or followers is limited, preferably, by a pendent flange 9^a of a ledge or shelf 9, suitably secured to the lower projecting edge of the holder. This, however, may be effected in any other suitable way.

As a preferable way of providing for supporting the holder 1 in position it may have cast or brazed thereon socket-pieces or tubes 10, arranged at the rear corner edges thereof, to receive standards or supports of suitable construction, which it is not necessary here to show. Also as an improvised means to elevate the keys of the coin-dropping slides, &c., above the resting-surface when the holder 1 is removed from its supporting-standards said support may have suitably secured thereto at convenient points pendent studs or projections 11, opposed to the pendent flange 9^a, for that purpose. In order to provide for conveniently inserting said holder in place upon and lifting it from or off its support, it may be furnished with suitable "finger-holds" 12, arranged near its upper edge upon the sides.

To contain additional coins to draw upon in replenishing the cells or chambers 2 of the holder 1, I provide an auxiliary or supplemental holder or receptacle 13, substantially the same in construction as the holder 1, with its back plate 13^a provided at the inner longitudinal edge with an inwardly-bent ledge or hook 14. This arrangement provides for the attachment of said auxiliary coin-holder to the coin-holder 1, the latter having a preferably crooked rod or wire 14^a so secured to said holder 1 at the upper edge of its back portion as to permit said hook to engage it, and thus permit the auxiliary coin-holder to be pivoted in place. This allows the tilting forward of the auxiliary coin-holder to deliver its coins into the cells or chambers of the main coin-holder or change-maker when the latter, as above noted, require replenishing. The auxiliary coin-holder is suitably held or propped in position in a downward and rearward inclination, as shown, by means preferably of a prop or lever 15, suitably pivoted to the back plate. The upper or outer end of the prop 15 normally engages or bears against the back plate of the auxiliary coin-holder and is weighted, as at 15^a, to cause said lever or prop to gravitate or drop into such a position as to cause said auxiliary coin-holder to occupy a predetermined inclination, as shown. When not in use or for convenience in handling or shipment, the auxiliary coin-holder may be folded back against the main coin-holder of the change-maker by simply moving the inner end of said prop or lever upward, allowing the auxiliary coin-holder to assume such position. The lifting or raising

of the auxiliary coin-holder will allow the gravity prop or lever 15 to automatically assume its propping position, and thus retain said coin-holder without further manipulation of the same, as would otherwise be the case, as will be readily appreciated.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A change-maker, comprising a coin-holder having a series of gradated or varying-sized cells or chambers and an auxiliary or supplemental coin-holder adapted to be pivoted or tilted upon the first-named coin-holder, substantially as set forth.

2. A change-maker, comprising a coin-holder having a series of gradated or varying-sized cells or chambers and an auxiliary or supplemental coin-holder similarly furnished and adapted to be pivoted or tilted upon the first-named coin-holder, substantially as specified.

3. A change-maker, comprising a coin-holder having a series of gradated or varying cells or chambers and an auxiliary coin-holder adapted to be pivoted or supported upon the first-named coin-holder and means for propping or upholding said auxiliary coin-holder, substantially as set forth.

4. A change-maker, comprising a coin-holder having a series of gradated or varying cells or chambers, and an auxiliary coin-holder similarly furnished and adapted to be pivoted or hung upon the first-named coin-holder and a pivoted prop or lever connected to said auxiliary coin-holder and adapted to engage the first-named coin-holder, substantially as described.

5. A change-maker, comprising a coin-holder having a series of gradated or varying-sized cells or chambers, the latter coin-holder having a hooked longitudinal edge engaging a crooked wire or rod secured to the former coin-holder, substantially as described.

6. A change-maker, comprising a coin-holder having a series of cells or chambers of varying cross-sectional areas, and having a crooked wire or rod secured thereto, near or at its upper edge, at the back, and an auxiliary coin-holder having an inward or rearward extending hooked edge adapted to engage said rod or wire, and a propping-lever connected to said auxiliary coin-holder and adapted to bear against the back of the first-named coin-holder, substantially as specified.

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

SAMUEL TATE FISK.

Witnesses:

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A. MCWAYNE.