

No. 706,388.

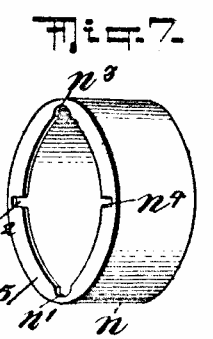
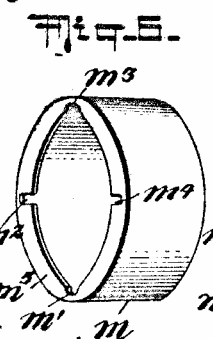
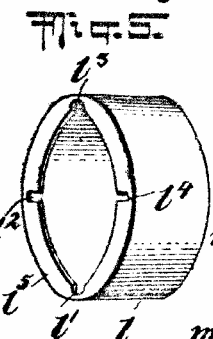
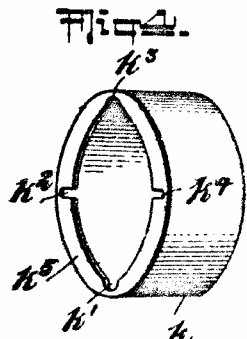
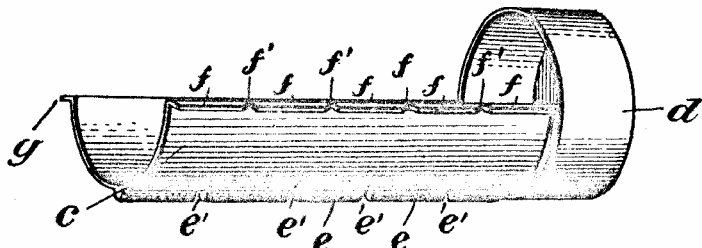
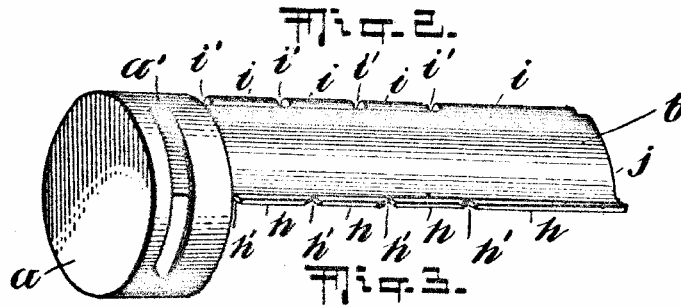
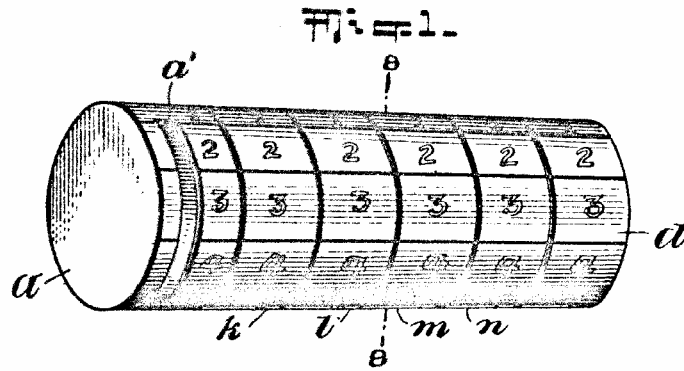
Patented Aug. 5, 1902.

J. CHEIN.

SAVINGS BANK.

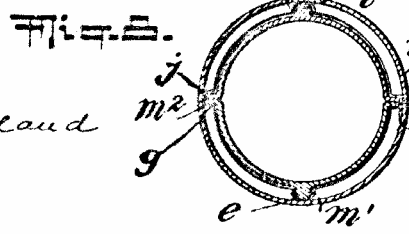
(Application filed Jan. 8, 1902.)

(No Model.)



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JULIUS CHEIN, OF NEW YORK, N. Y.

SAVINGS-BANK.

SPECIFICATION forming part of Letters Patent No. 706,388, dated August 5, 1902.

Application filed January 8, 1902. Serial No. 88,826. (No model.)

To all whom it may concern:

Be it known that I, JULIUS CHEIN, a citizen of the United States, residing at the borough of Manhattan, in the city, county, and State of New York, have invented certain new and useful improvements in Savings-Banks, of which the following is a specification.

My invention relates to improvements in savings-banks; and the object of my invention is to obtain a bank of such size and shape that it may be conveniently carried in the pocket and from which the coins deposited therein cannot be easily removed without the consent of the owner of the bank. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a view of my improved bank complete. Fig. 2 is a view of one member. Fig. 3 is a view of the other member. Figs. 4, 5, 6, and 7 are views of the several rings. Fig. 8 is a sectional view on the line 8 8 in Fig. 1.

Similar letters refer to similar parts throughout the several views.

To a fixed end *a*, of any desired pattern, I attach the part *b*, semicylindrical in shape and provided with three longitudinal ribs *h*, *i*, and *j*. To the other fixed part *d* I attach a semicylindrical part *c*, provided with ribs *e*, *f*, *g*.

The ribs *f* and *h* fit together, forming one rib, and the ribs *g* and *i* fit together, also forming one rib, so that when so placed a complete cylinder will be formed by the parts *b* and *c*.

In the ribs *f*, *h*, *i*, *g*, and *e* I cut sockets *f'*, *h'*, *i'*, *g'*, and *e'* at regular intervals. I also provide rings *k*, *l*, *m*, and *n*, each having an inwardly projecting flange *k*<sup>2</sup>, *l*<sup>2</sup>, *m*<sup>2</sup>, and *n*<sup>2</sup>, respectively, at one side. Each of the flanges *k*<sup>2</sup>, *l*<sup>2</sup>, *m*<sup>2</sup>, and *n*<sup>2</sup> are designed to move in the sockets in the ribs above described, so that each ring may be turned freely about the cylinder *b* *c* when placed thereon. I also provide cut-out sockets in each of the flanges corresponding in number and size to the ribs upon the cylinder *b* *c*.

In the device shown in the accompanying drawings I have provided four ribs *f*, *h*, *i*, *g*, and *e*; but the number and arrangement may be altered as desired. The ribs *f* and *h* fit together and form one rib, and the ribs *g* and *i* fit together and form one rib.

The device is assembled as follows: The

rings are arranged with the flanges on the same side and slipped over the part *b* with the flange of each toward the end *a*, the sockets *k*<sup>2</sup>, *l*<sup>2</sup>, *m*<sup>2</sup>, and *n*<sup>2</sup>, respectively, being at the sockets *i'*, *h'*, *g'*, and *f'*, respectively, in the rib *h*, *i*, and *j*, and *n*<sup>4</sup>, respectively, being at the sockets *h'*, *h'*, *h'* in the rib *h*. The part *c* is then inserted in the rings, the rib *e* sliding in sockets *k*<sup>2</sup>, *l*<sup>2</sup>, *m*<sup>2</sup>, and *n*<sup>2</sup>, so that when the part *c* has been inserted in position the sockets *k*<sup>2</sup>, *l*<sup>2</sup>, *m*<sup>2</sup>, and *n*<sup>2</sup> will be at the sockets *e*, and the sockets *k*<sup>2</sup>, *l*<sup>2</sup>, *m*<sup>2</sup>, and *n*<sup>2</sup> will be at the sockets *f'*, *h'*, *i'*, and *g'*, respectively, in the rib *f*. The sockets *k*<sup>2</sup>, *l*<sup>2</sup>, *m*<sup>2</sup>, and *n*<sup>2</sup> will be at similar slits in the rib *g*, *j*. It will be found that when any of the rings are turned the bank will be locked and it will be impossible to draw the ends *a* and *d* apart, and this can only be done when the rings are all in the same position as when the bank was assembled, as above described. It is desirable that the ribs *e*, *f*, *h*, *i*, *g* be not equidistant or that the ribs be of different shape, so that it will be necessary to bring all of the rings to their first position to unlock and open the bank. On the periphery of each of the rings and the fixed end of the bank I provide numbers or letters at regular intervals, as shown in Fig. 1, so that the parts may be arranged in proper alignment for opening the bank by a known combination. In order to change the arrangement or combination of these letters or numbers, it is only necessary to separate the parts and arrange the rings in different order, the numbers being arranged differently on each ring. I cut in one end of the bank either at the side or end a slot *a'* for the insertion of coins.

When the bank is assembled, as above described, one or more of the rings *k*, *l*, *m*, and *n* are turned, so that the flange on such ring by engagement with the ribs *e*, *f*, *h*, *i*, and *g* will prevent the opening of the bank. Coins may be then inserted in the slot *a'*. When it is desired to open the bank, the rings are turned to their first position, so that the sockets in their respective flanges are in position over their respective ribs, when the ends *a* and *d* may be drawn apart and the contents of the bank may be removed. These rings may be easily turned to their proper

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position if the arrangement of the numbers on the periphery of the rings is noted when the bank is first assembled. It is desirable also to provide a flap or shield inside of the slot *a'* to prevent the removal of the coins when the bank is closed.

Having thus described my invention, what I claim is—

1. In a bank the combination of a plurality of counterpart members, a plurality of longitudinal ribs thereon, slots in such longitudinal ribs, and a plurality of separable rings, each provided with an inwardly-projecting flange, substantially as shown and described.

2. In a device of the character described a plurality of separable rings provided with inwardly-projecting notched flanges and a separable cylinder provided with notched ribs, substantially as shown and described.

3. The combination with a coin-holder comprising a pair of longitudinally-slidable semicylindrical sections forming a cylindrical chamber, of a plurality of rotatable bands including said tubular sections and provided with means for locking and releasing said sections.

4. The combination with a coin-holder comprising a pair of semicylindrical sections forming a cylindrical chamber, each section provided with a headed portion and a plurality of longitudinally-disposed ribs, having concentrically-aligned recesses transversely thereof, of a plurality of locking devices operating in said recesses for locking said sections together.

5. The combination with a coin-holder, comprising a pair of longitudinal slidable semicylindrical sections forming a cylindrical chamber, each section provided with a headed portion and a series of longitudinal and intermittent ribs, of a plurality of rings, rotatable upon said sections provided with means for alternately locking said sections together and permitting them to slide longitudinally, one relatively to the other.

6. In a coin-holder, the longitudinally-slidable tube-sections having heads, the rings forming the exterior of the tube between the heads and rotatable upon said sections, combined with means extending between said sections and said rings for locking and releasing the tube-sections.

7. In a coin-holder the combination with a

pair of semitubular sections forming a cylindrical chamber, each section provided with a headed portion and a plurality of longitudinally-disposed ribs having concentrically-aligned recesses transversely thereof, of a plurality of bands increasing said sections, and means on said bands adapted to operate in said recesses and engage said ribs for locking the two sections together.

8. The combination, in a coin-holder, with the tube-sections, each having a head and longitudinally-projecting ribs having concentrically-aligned spaces, of a plurality of rings having inwardly-extending flanges adapted to move in said rib-spaces, and niches in said flanges permitting said ribs to move longitudinally therein.

9. In a coin-holder the combination with a cylindrical chamber comprising a pair of semitubular sections, each section having a headed portion and provided on their longitudinal edges with ribs forming a sliding connection between said sections, said ribs having concentrically-aligned recesses transversely thereof, of a locking device comprising a plurality of rotatable bands increasing said sections and provided with means adapted to operate in said recesses and engage said ribs for locking the two sections together.

10. In a coin-holder, the combination with the tube-sections having guide-forming projections on their longitudinal edges, the edges of one section being received within said groove, spaces in said guide-ribs or projections adapted to be concentrically aligned, the said sections having further longitudinal and spaced ribs between said guide-ribs, all the spaces being adapted to be transversely aligned, and a plurality of rings encircling said sections and having inwardly-extending flanges laterally rotatable in said spaces, and niches formed in said flanges in which said ribs are longitudinally movable.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 3d day of January, 1902.

JULIUS CHEIN.

Witnesses:  
MINNIE M. LYKIRK,  
ANDREW FOULDS, Jr.