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COIN TRAY

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Fig. 1.

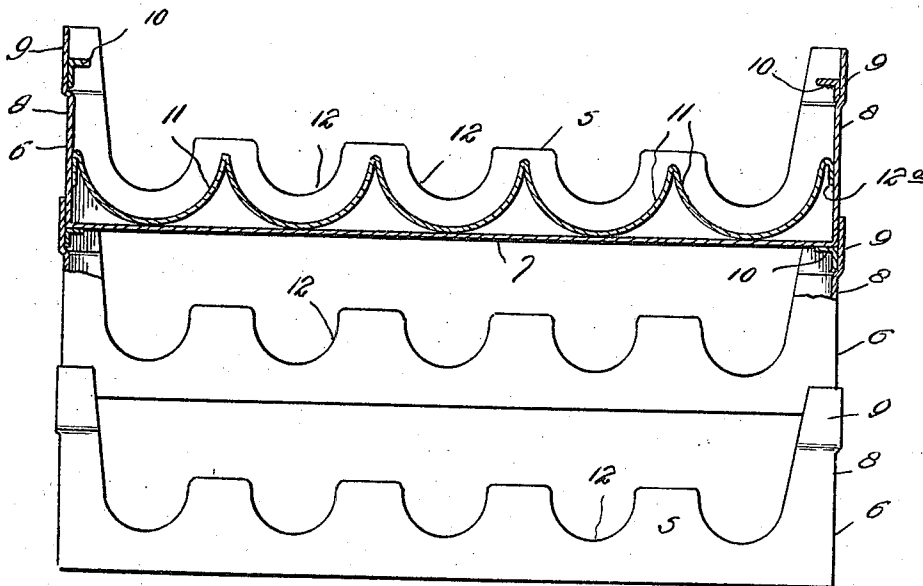
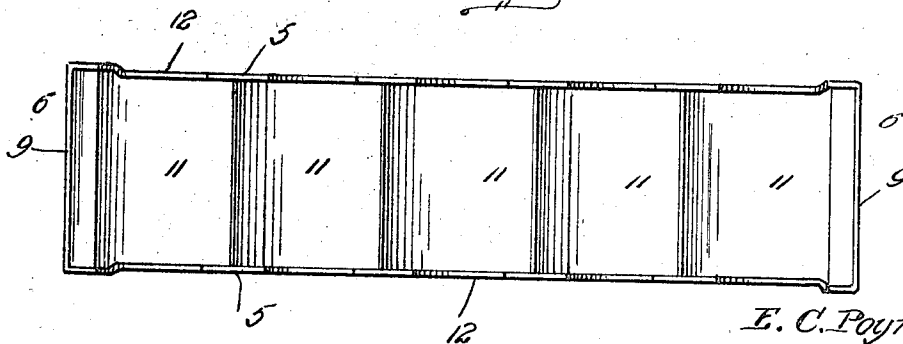


Fig. 2.



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COIN TRAY.

Application filed December 8, 1923. Serial No. 679,398.

To all whom it may concern:

Be it known that I, EMERY C. POYNTER, citizen of the United States, residing at Mendon, in the county of Chariton and State of Missouri, have invented certain new and useful Improvements in Coin Trays, of which the following is a specification.

This invention relates to the art of coin handling and has particular reference to an improved coin holding tray.

The primary object of the invention is to provide a coin holding tray, through the use of which the necessity of wrapping coins for storage purposes is eliminated, and by means of which the surplus coins required on bank counters during banking hours may be supported and maintained in convenient position to be dispensed.

Another object of the invention is to provide a coin tray of the above kind, constructed in such manner that a plurality of similar trays may be stacked in superposed relation so as to require little counter space when in use and little storage space when not in use, means being provided for effectively holding the plurality of trays in their superposed stacked relation and against accidental displacement.

The invention contemplates the provision of a coin holding tray having transverse grooves or pockets for reception of a plurality of horizontal stacks of coins, the pockets or grooves of each tray being of similar form and of the required size for holding a predetermined size or denomination of coin, and means being provided for facilitating the removal of the coins from the tray when desired.

Still another object of the invention is to provide a coin holding tray of the above kind which will be light, simple and durable in construction and which may be cheaply and easily manufactured for the above purposes, as well as to provide convenient means in which coins may be carried to and from vaults, safes or other places of storage.

Other objects will appear as the nature of the invention is better understood, and the same consists in the novel form, combination, and arrangement of parts hereinafter more fully described, shown in the accompanying drawings and claimed.

In the drawing, wherein like reference characters indicate corresponding parts in the two views:

Figure 1 is a view partly in side elevation and partly in vertical section showing a plurality of coin holding trays constructed in accordance with the present invention, and disposed in superposed nested relation,

Figure 2 is a top plan view of one of the trays.

Referring more in detail to the drawings, the invention contemplates the provision of a tray preferably constructed of sheet metal and of elongated rectangular form in plan, the trays being composed of a pair of similar side walls 5, a pair of similar end walls 6, and a bottom wall 7.

The ends of the side walls 5 and also the end walls 6 are extended upwardly beyond the major intermediate portions of the side walls 5, as indicated at 8, and these extensions have their upper end portions outwardly offset as at 9 whereby a plurality of the trays may be disposed in nested superposed relation as shown in Figure 1, with the bottom portion of one tray disposed within the offset portions 9 of the tray therebeneath. The offset portions 9 are provided at the lower ends thereof with internal ledges 10, upon which the bottom of the superposed tray may rest, for limiting movement of one tray within another to a desired distance, and these ledges may consist of angle irons suitably attached to the inner faces of the offset portion of the end walls 6 and extending from side to side of the tray in a horizontal position as shown. It will be obvious that displacement of one tray relative to the other when in nested relation except upwardly is effectively prevented due to the fact that the lower portion of the upper tray is disposed an appreciable distance within the offset portion 9 of the tray therebeneath. It is also apparent that a comparatively large number of these trays may be arranged in superposed nested relation so as to permit the storage of a large quantity of coins without taking up a material amount of floor, counter, or other space.

The tray is provided with a plurality of similar transverse grooves or pockets that are arranged in side by side relation from end to end of the tray, and within which a plurality of horizontal stacks of coins may be placed, the curvature of the pockets conforming to the curvature of the particular denomination of coin which is adapted to be placed in the tray. These grooves or

pockets are preferably formed by means of a sheet metal false bottom, composed of a plurality of directly and integrally connected concavo-convex portions 11, the end ones of which have their free end portions suitably secured to the end walls 6, such as by soldering the flanged end portions 12 thereof to the inner surfaces of the end wall 6, whereby the false bottom is rigidly maintained in place upon the bottom wall 7. For facilitating removal of the desired coins from the pocket provided by the members 11, the side walls 5 are provided with transversely aligned pairs of notches 12 in the upper edges thereof, said notches of each pair being concentric with one of the pockets in a well known manner. By providing the extensions within which the trays are nested in superposed relation, one tray is spaced from the tray directly therebeneath for a sufficient height to permit ready removal of the coins from any desired one of the trays when the latter are arranged in their superposed nested relation. In other words, the bottom wall 7 of one tray is maintained sufficiently elevated above the upper edges of the side walls 5 of the tray directly there beneath to permit removal of coins from the lower tray without obstruction being presented thereto by the upper tray.

From the foregoing description, it is believed that the construction and manner of use, as well as the advantages of the present invention will be readily understood and appreciated by those skilled in the art. What I claim as new is:

1. A coin tray having a plurality of transverse concaved pockets from end to end thereof adapted for reception of horizontal stacks of coins and composed of bottom, side and end walls, the end walls and the ends of the side walls being extended upwardly beyond the upper edges of the major portion of the side walls and terminating in outwardly offset upper end portions, within which the bottom portion of a similar tray superimposed thereabove may be nested, and ledges internally of the out-

wardly offset portions for supporting reception of the superimposed tray.

2. A coin tray having a plurality of transverse concaved pockets from end to end thereof adapted for reception of horizontal stacks of coins and composed of bottom, side and end walls, the end walls and the ends of the side walls being extended upwardly beyond the upper edges of the major portion of the side walls and terminating in outwardly offset upper end portions within which the bottom portion of a similar tray superimposed thereabove may be nested, ledges internally of the outwardly offset portions for supporting reception of the superimposed tray, said ledges comprising members extending from side to side of and horizontally arranged within the outwardly offset portions below the upper edges of the latter.

3. A coin tray having a plurality of transverse concaved pockets from end to end thereof adapted for reception of horizontal stacks of coins and composed of bottom, side and end walls, the end walls and the ends of the side walls being extended upwardly beyond the upper edges of the major portion of the side walls and terminating in outwardly offset upper end portions within which the bottom portion of a similar tray superimposed thereabove may be nested, ledges internally of the outwardly offset portions for supporting reception of the superimposed tray, said side walls being provided with pairs of opposed notches in the upper edges thereof, the notches of each pair being aligned with opposite ends of one of said coin receiving pockets, said supporting ledges being sufficiently elevated to hold the bottom of the superimposed tray a sufficient distance above the upper edges of the major portion of the side walls of the tray beneath for permitting removal of coins from the pockets of the last named tray when the superimposed tray is engaged therewith.

In testimony whereof I affix my signature.

EMERY C. POYNTER.