April 17, 1951 J. W. DRURY 2,549,299

COIN PACKAGE FILLER

Filed July 21, 1947

FIG.1.

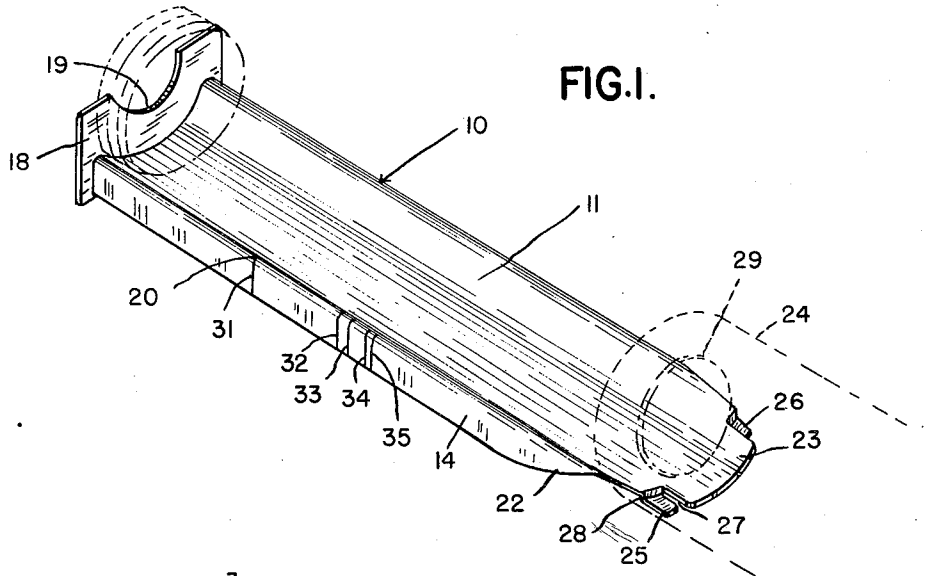
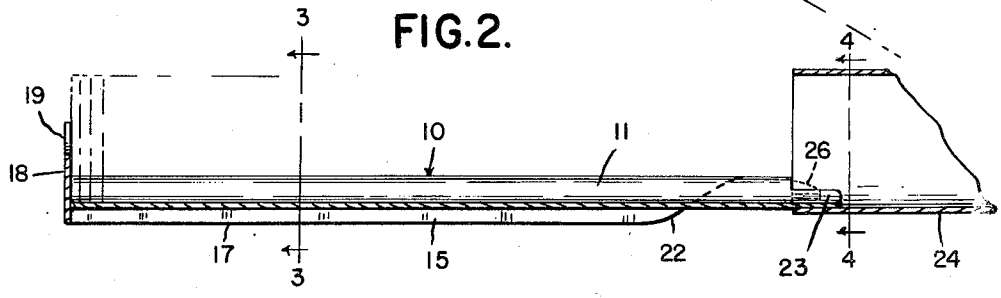


FIG.2.



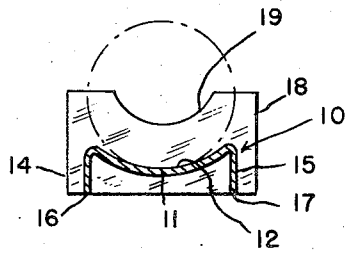


FIG.3.

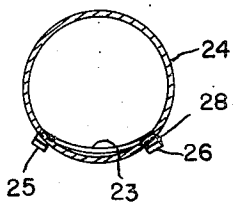


FIG.4.

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Patented Apr. 17, 1951

2,549,299

UNITED STATES PATENT OFFICE

2,549,299

COIN PACKAGE FILLER

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Application July 21, 1947, Serial No. 762,288

2 Claims. (Cl. 133—1)

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The invention relates to devices for facilitating the counting of coins and filling them in packages.

One of the objects of the invention is to provide a single, simple device which is capable of use with coins of various denominations.

Another object is to provide a coin package filler which will readily engage the edges of coin packages of various sizes and will spread the loading end of the package and hold it firmly in such a position that it can be quickly filled with a predetermined number of coins.

A further object is to provide a coin package filler of simple construction and small size convenient for use in counting and wrapping coins of various denominations.

To attain these and other objects of my invention, I have provided the construction hereinafter more fully described and illustrated in the accompanying drawings, in which

Figure 1 is a perspective view of my coin package filler showing the method of engaging it with coin packages of various sizes;

Figure 2 is a longitudinal section through the device;

Figure 3 is a transverse section on the line 3—3 of Figure 2; and

Figure 4 is a transverse section through the coin package on the line 4—4 of Figure 2.

Referring now to the drawings, the improved coin package filler 10 comprises an elongated trough-shaped member 11, arcuate in cross section as shown at 12, having a radius of curvature somewhat greater than the largest coin, for example, a fifty-cent coin, this curvature being adapted to support coins of the smallest diameter, for example, a ten-cent coin. The side edges of the trough 12 are bent downwardly as shown in Figure 3, providing the side walls 14 and 15, the lower edges 16 and 17 of which form supports for resting upon a table. At one end of the trough is a transverse guiding wall 18 of generally rectangular shape rising upwardly above the side walls of the trough and forming a stop against which the coins may be stacked. The wall 18 has an arcuate recess 19 therein of a size to permit the thumb to be inserted in order to grip the coin stack. Along the side walls of the trough are arranged marking devices at such intervals as to correspond with a predetermined number of coins of a certain denomination to represent a predetermined total value. As shown, these indications are represented by means of nicks 20 in the top edges of the side wall 14 and the side walls are also provided with the vertically scored lines 31 to 35 corresponding to the nicks.

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At the opposite end of the trough the side walls 14 and 15 are cutaway to form the diagonal edges 22 from which the trough extends outwardly to form a loading end 23. Preferably this loading end is of lesser width than the trough and is adapted to be inserted inside of the open end of the coin-receiving package 24. At each side of the portion 23 are arranged the offset lips 25 and 26 which may be formed by slitting the material of the trough as indicated at 27 and transversely bending the material as indicated at 28. The lips 25 and 26 are adapted to engage the outer surface of the coin-receiving package 24 and these in conjunction with the portion 23 serve to spread the coin package and hold it in an open position so that the coins will readily enter the package merely by inclining the coin package filler.

The portion 23 and the lips 25 and 26 are so proportioned and constructed that they are adapted to engage, spread, and hold open coin packages of various size from the one marked 29 designed to hold the coins of smallest denomination to the larger package 24 designed to hold the coin of largest denomination.

From the above description, it will be readily apparent that I have provided a simple and convenient form of coin package filler which is readily adapted for the counting of coins of varying size and for filling them into the corresponding coin packages. The device may be constructed of any suitable material and lends itself readily to manufacture from thin gauge sheet metal such as brass. It may also be constructed of various other materials of construction such as cast or wrought metal, wood, rubber and synthetic plastics of any description which are easily capable of being molded or otherwise formed into the desired configuration as represented.

The following table indicates the number of coins of various denominations which are represented by the coin stacks extending to the lines 31 to 35 respectively:

Lines	Number of coins	Denominations	Total Value
31	20	half dollars	$10.00
32	50	dimes	5.00
33	40	quarters	10.00
34	40	nickels	2.00
35	50	pennies	0.50

What I claim as my invention is:

1. A coin package filler comprising a segment of a cylinder forming a trough adapted to fit coins of various denominations, the side of said segment at one end thereof being cut away to form an extended trough portion of lesser width for engaging the inner portion of a coin package, and integral transversely bent portions on opposite sides of said extended trough portion and spaced from it for engaging the outer surface of said coin package, said bent portions and extended portion cooperating to spread and hold open a coin package at its receiving end.

2. A coin package filler comprising a trough of arcuate cross section formed of sheet material having downwardly extending side portions forming supporting means for resting on a flat surface, an extended trough portion of lesser width adapted to engage the inner portion of a coin package and maintain it in open position, and transversely bent portions on both sides of said extended portion and spaced from it for engaging the outer surface of a coin package, said bent portions and extended portion cooperating to maintain said package in position for filling.

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