R. F. CARTER, Jr.

COIN WRAPPING DEVICE.

APPLICATION FILED JUNE 24, 1918.

1,279,984. Patented Sept. 24, 1918.

Fig. 1.

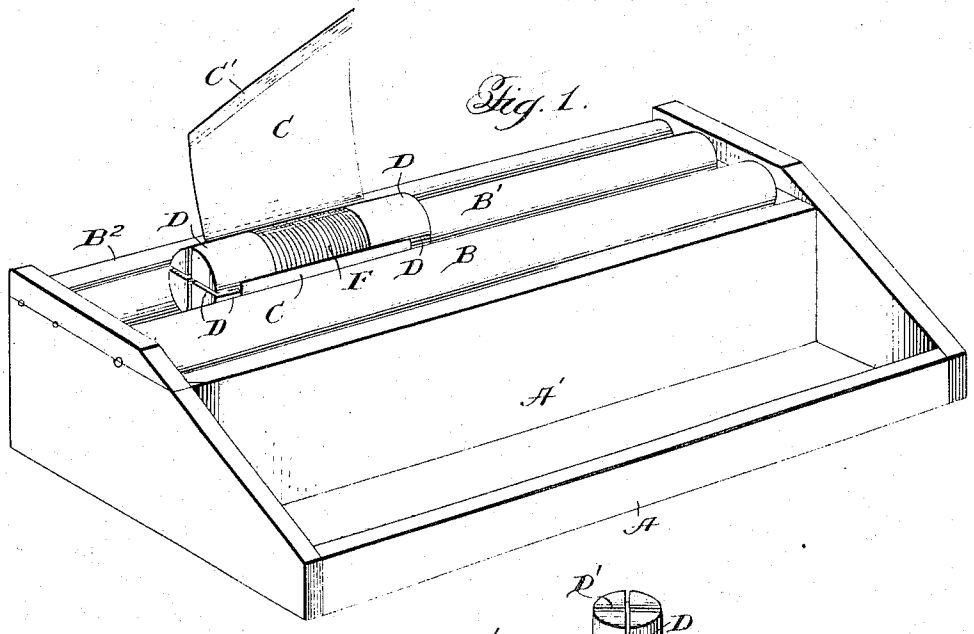


Fig. 3.

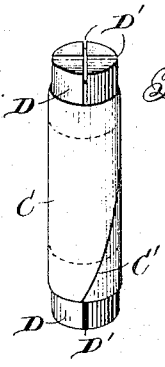


Fig. 4.

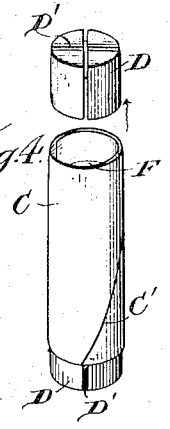


Fig. 5.



Fig. 6.



Fig. 2.

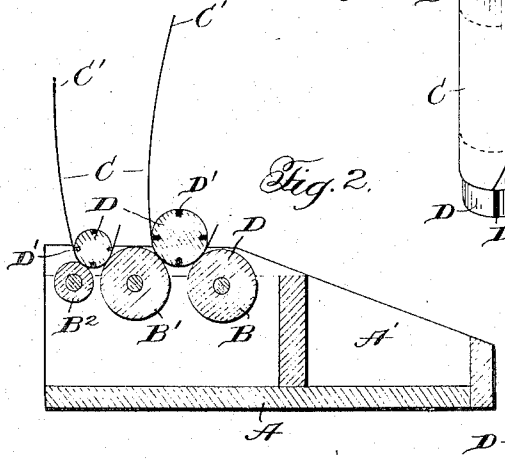
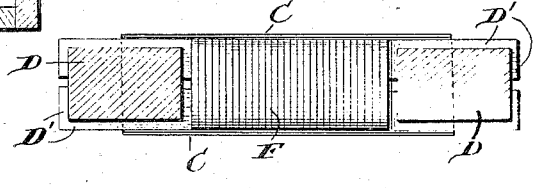


Fig. 7.



Inventor:

Robert F. Carter Jr

Witness:

Jas. E. Hutchinson

By Foster Freeman Watson & Coit

Attorneys.

UNITED STATES PATENT OFFICE.

ROBERT F. CARTER, JR., OF COLUMBUS, GEORGIA.

COIN-WRAPPING DEVICE.

1,279,984. Specification of Letters Patent. Patented Sept. 24, 1918.

Application filed June 24, 1918. Serial No. 241,568.

To all whom it may concern:

Be it known that I, ROBERT F. CARTER, Jr., a citizen of the United States, and residing at Columbus, Muscogee county, State of Georgia, have invented certain new and useful Improvements in Coin-Wrapping Devices, of which the following is a specification.

The present invention relates to an improved method of and means for wrapping and packing coins.

In the accompanying drawings:—

Figure 1 is a perspective view of an embodiment of the invention showing the manner of using the device;

Fig. 2 is a vertical section through the device;

Figs. 3 to 6 inclusive are perspective views showing successive steps in the formation of a coin package;

Fig. 7 is a longitudinal sectional view, on an enlarged scale, through the package as shown in Fig. 3.

Referring to the drawings A designates the base or support of an apparatus or device embodying the invention and adapted for carrying out the method hereinafter referred to. As shown this base, which may be formed of any suitable material, comprises a tray or open compartment A′ and three rollers B, B′, B², which are supported to turn freely in bearings in the ends of the base A. These rollers extend parallel to each other and are spaced slightly so that the coins to be wrapped may be supported on edge between adjacent rollers and a series of such coins readily rotated to cause the same to be enveloped by a suitable wrapper C. Similar rollers have heretofore been employed for incasing or wrapping a series of coins in a wrapper such as designated C in the drawing.

As shown the roller B² is of less diameter than the rollers B, B′ and those and the adjacent roller B′ are intended to support the smaller sized coins such as dimes, nickels and pennies, while the coins of larger diameter are preferably supported by and wrapped while resting on the larger rollers B, B′.

In addition to the parts referred to the improved device includes a plurality of cylindrical blocks D which are made of different diameters, corresponding respectively to the diameters of the several coins which are to be wrapped and which blocks are, as shown in the drawing, positioned at opposite ends of the coins to be inclosed in a wrapper C, said blocks being of such length that the ends thereof will project beyond the wrapper.

In using the device a series of coins F to be wrapped are assembled face to face on a wrapper C between two of the supporting rollers and between two of the blocks D, the diameters of said blocks as above explained corresponding to that of the coins. By exerting slight pressure on the series of coins or on the supporting rollers the parts will be rotated so that the wrapper C will be wrapped about the coins and blocks and can be secured about the package thus formed. Preferably the wrapper is provided with a gummed section C′ and is made in the form shown in the drawing.

After the coins and blocks have been thus wrapped they are removed from the supporting rollers and placed in a vertical position resting upon one of the blocks D. The upper block D is then withdrawn from the wrapper and the latter folded inward over the end coin of the series. The package is then reversed and the other block D withdrawn after which the projecting portion of the wrapper is folded inward against the coins and the package thus completed.

To permit a free circulation of air from the interior of the package past the blocks D the latter are provided with suitable grooves D′ which extend throughout the length thereof and across the end faces.

The blocks act as abutments to prevent separation of the series of coins during the rolling or wrapping operation and owing to their form may be readily withdrawn from the wrapper. As shown in the drawings, and previously explained, the apparatus includes a series of such blocks of different diameters corresponding to the diameters of the various coins and may be employed to form packages of any desired length, depending upon the width of the wrapper C.

The manner of using the apparatus and the advantages thereof will be readily understood from the foregoing description and the drawing. The tray A′ may be employed to contain the blocks D not in use and also to hold packages of coin or for any other purpose.

The device may be made of any suitable material, the rollers and blocks being, for example, of wood, metal, earthen-ware, or

compressed paper, etc., and enables coins to be readily packaged in a minimum amount of time.

Having thus described the invention what is claimed as new and desired to be secured by Letters Patent is:—

1. In an apparatus for use in packaging coins, the combination with a pair of rollers adapted to support a wrapper and a plurality of coins to be inclosed by the wrapper, of a cylindrical block, of a diameter corresponding to that of the coins to be wrapped, adapted to be supported on said rollers in contact with an end coin of the series thereon and to be wrapped with said coins with one end protruding from the wrapper, whereby said block is adapted to serve as a support for the coin package while the wrapper is folded across one end of such package and may be subsequently withdrawn from the wrapper.

2. In an apparatus for use in packaging coins, the combination with a pair of rollers adapted to support a wrapper and a plurality of coins to be inclosed by the wrapper, of a cylindrical block, of a diameter corresponding to that of the coins to be wrapped and having formed therein grooves extending across its ends and throughout its length, said block being adapted to be supported on said rollers in contact with an end coin of the series thereon and to be wrapped with said coins with one end protruding from the wrapper, substantially as and for the purpose described.

3. An apparatus for use in packaging coins comprising means for supporting a wrapper and a series of coins placed on said wrapper face to face and permitting the coins to be rotated to wrap the wrapper thereabout, and two cylindrical blocks, of a diameter corresponding to that of the coins to be packaged adapted to be wrapped with the coins with their ends projecting beyond the wrapper and to be withdrawn from the wrapper.

4. An apparatus for use in packaging coins comprising a suitable base, two rollers mounted on said base and adapted to support a wrapper and a series of coins arranged face to face and permit the coins to be readily rotated to wrap the wrapper about them, and a series of cylindrical blocks of diameters corresponding to those of the different coins, each of said blocks being adapted to be supported by the rollers and to be simultaneously wrapped with coins of the corresponding diameter with one end projecting from the package.

5. An apparatus for use in packaging coins comprising two cylindrical blocks, of a diameter corresponding to that of the coins to be packaged, and means for supporting a wrapper, said blocks and a series of coins arranged face to face between the blocks and causing the wrapper to be wrapped about the coins and blocks, with the latter projecting from the wrapper, said blocks being provided with means for conducting air from the exterior of the package to the ends of said blocks therein.

6. The herein described method of packaging coins which comprises simultaneously wrapping a wrapper about a series of coins arranged face to face and a cylindrical block of the same diameter as the coins, whereby said block will project beyond the wrapper, securing the wrapper, supporting the package on said block and folding the wrapper inwardly at the opposite end of the package, withdrawing the block, and folding the other end of the wrapper inwardly.

7. The herein described method of packaging coins which comprises simultaneously wrapping a wrapper about a series of coins arranged face to face and two cylindrical blocks of the same diameter as the coins, said blocks projecting from the wrapper at both ends of the package, securing the wrapper, withdrawing the blocks and folding the wrapper inwardly against the end coins of the series.

8. The herein described method of packaging coins which comprises simultaneously wrapping a wrapper about a series of coins arranged face to face and two cylindrical blocks of the same diameter as the coins, said blocks projecting from the wrapper at both ends of the package, securing the wrapper, supporting the package on one of the blocks, withdrawing the other block, folding inward the section of the wrapper that surrounded the withdrawn block, reversing the package, withdrawing the other block, and folding inward the portion of the wrapper that surrounded the last said block.

9. An apparatus for use in packaging coins, comprising a tray, a pair of horizontal rollers mounted in the frame of the tray, and adapted to support a series of coins and a wrapper and permit the coins to be enveloped by the wrapper by rotating them, and a series of cylindrical blocks of diameters corresponding to the various coins, substantially as and for the purpose described.

In testimony whereof I affix my signature.

ROBERT F. CARTER, JR.