H. H. NORRINGTON.
COIN WRAPPING DEVICE.
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INVENTOR

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COIN-WRAPPING DEVICE.


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To all whom it may concern:

Be it known that I, Henry H. Norrington, a citizen of the United States, residing at Bay City, in the county of Bay and State of Michigan, have invented certain new and useful Improvements in Coin-Wrapping Devices; 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 combined coin counting and wrapping devices, one object being to provide a most simple and inexpensive yet highly efficient means for counting and wrapping coin.

Another object is the provision of means for materially reducing the friction encountered when wrapping or packaging coin.

Hitherto a rouleau of coin has been placed upon a wrapper of paper in a semi circular groove, in which groove the rouleau must be rotated, in order to wind the wrapper around and the friction of the coin against the surface of the groove renders the rolling operation, one which requires the exertion of considerable strength and increases the time within which a rouleau may be wrapped.

With my invention, the friction is materially reduced, thereby enabling the operator to quickly package a roll of coin with the exercise of the least possible strength.

Another object attained by my invention is the tight wrapping of the roll of coin.

A further object is the provision of means for automatically crimping the wrapper, at least at one end of the roll during the operation of packaging the coin to close that end of the roll against the discharge of the coin and reduce the labor of the operator to that extent.

To these and other ends, therefore, my invention consists of certain novel features and combinations, such as will be more fully described hereafter and particularly set forth in the claims.

In the accompanying drawings, Figure (1) is a perspective view of my invention, Fig. (2) is a view in side elevation, Fig. (3) is a vertical cross sectional view, Fig. 4 is a cross sectional view of the wrapping sleeve, and Fig. 5 is a fragmentary detail top plan view of the coin groove and crimping finger.

(A) indicates a suitable plate or table suitably supported on feet (1) (1), said table having one or more depressions or recesses (2) (2) formed therein of sufficient size to receive a predetermined number of coins set edgewise and parallel, as 20 dimes or 50 pennies, for instance.

As a means for wrapping or packaging the rolls of coin, I provide the table with a coin receiving groove (3) of a length and depth adapted to receive varying rolls of coin, such groove being slotted at its lowest point, as at (4). Brackets (5) (5) depend at each end of the groove (3) beneath the table, a roller (6) being journaled at its ends in the brackets, the high spot of the roller designed to be received in and close the slot (4).

On the upper face of the table at opposite ends of the groove (3) are located the adjustable gage rods (7) and (8), each being slidably received in a slitted resilient clamping sleeve (9) (9'). The sleeve (9) may be clamped by means of a set screw (7'), while the sleeve (9') holding rod (8) is controlled by means of a pin (10) passing through the lips (11) of such sleeve, a cam lever (12) being pivotally secured to the upper protruding end of the pin and bearing against one lip of the sleeve, whereby to press it toward or permit it to move away from the opposite lip. A compression spring (13) may surround the gage rod (8) to move the rod to its outward limit of movement when released by the clamping sleeve.

The operation of so much of the foregoing of my invention is as follows—Coin of the required denomination are placed in one of the recesses or depressions (2) (2) until the same is filled, whereupon the operator knows that he has a roll of, say $2.00 in nickels. A wrapper of the usual type or even a piece of paper in lieu thereof is then placed across the groove (3) between the gage points (7) and (8), whereupon the roll of coin is placed in the groove upon the wrapper, one end of the roll of coin being brought against the gage point (7). The gage rod (8) is then pushed inward until its inner end engages the opposite end of the roll of coin which is then held firmly in position, and the cam lever (12) is turned down to cause the clamping sleeve to lock the gage rod in its adjusted position. The end edges of the wrapper extend past the ends of the roll of coin, so as to be crimped over upon the roll to close its ends. One
side edge of the wrapper is now bent around the roll of coin until it lies between the coin and the wrapper to form a cylinder surrounding the coin, the opposite edge being gummed if desired and the operator may now place the palm of his hand on the roll and, pressing down upon the roll, move his hand back and forth a few times, the first movement of his hand operating to wind the paper around the roll of coin until the gummed flap or edge engages the roll, and subsequent movements serving to tighten the paper around the roll. It is obvious that, if desired, the rouleau may now be removed from the groove after the cam lever is raised to release the adjustable gage rod (7), which will automatically move away from the roll by reason of its spring (15), the ends of the wrapper being crimped by hand, but I may prefer to use a crimping finger (14), which, as shown, is a curved or angled member preferably carried by and projecting from the gage rod (7), the point of connection with the gage rod being a sufficient distance back of its inner end to avoid interference with the paper. This finger preferably extends obliquely downward to the coin receiving groove (3), which is apertured, as at (15) to receive the free end of the finger, whereby to prevent accidental rotation of the gage rod (7). Also it will be observed that the point of intersection of the finger and groove or table is in the same vertical plane with the extreme end of the gage point (7), so that as the gage point contacts with the end coin of the roll at approximately its center, the periphery of the finger, which may be round and very smooth, engages the edge of the end coin of the roll, so when the paper wrapper is applied, its edge nearest the gage rod (7) will be crimped or folded over the end of the roll of coin, as the wrapper is rolled around the roll of coins. The roll is then removed from the coin groove as above described and the remaining end of the wrapper crimped over, so as to close the wrapper and form a neat, tightly fitting smooth covering for the roll. The finger is adjustable with the rod (7) and in its aperture (15).

It is evident that many changes might be made in the form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence, I do not wish to limit myself to the exact construction herein set forth. Having thus fully disclosed my invention, what I claim is—

1. A coin-wrapping device comprising a stationary table, having a coin-receiving groove formed therein, the wall of the coin-receiving groove being longitudinally slotted along its bottom and a single suitably supported roller arranged parallel with the slot, the periphery of the roller extending into the slot beneath the coin in the groove.

2. In a coin-wrapping device, the combination with a table having a stationary coin-receiving groove adapted to hold a roll of coin, and gages for the roll, of a suitably supported, adjustable crimping finger inclined at such an angle to the longitudinal axis of the roll of coin and engaging the edge of the end coin of the roll, as to fold one edge of the coin-wrapper inward over the end of the coin roll.

3. A coin-wrapping device comprising a table having a coin receiving groove, gages for the coin, a resilient clamping sleeve, in which one of the gages is slidably received, the sleeve provided with lips, a pin passing through the lips and a cam lever pivotally secured to the pin and adapted to bear against one of the lips to move it toward and permit it to move away from the opposing lip.

4. A coin wrapping device comprising a table having a coin groove, adjustable gages for the coin in the groove, and a crimping finger carried by one of the gages at a point intermediate its length, the finger adapted to project into the same vertical plane with the inner end of the gage.

5. A coin wrapping device comprising a table, having a coin groove, an adjustable gage for the coin in the groove, the grooved portion of the table also being apertured, and a crimping finger secured to the gage intermediate its ends and projecting into the same vertical plane with the inner end of the gage, and means for preventing the rotation of the gage and finger.

6. A coin wrapping device comprising a table provided with a coin receiving groove, gages for a roll of coin in the groove and a suitably placed crimping finger inclined at such an angle to the longitudinal axis of the roll of coin and engaging the edge of the end coin of the roll as to fold one edge of the coin wrapper inward over the end of the coin roll.
ceive a roll of coin, the wall of the coin-receiving groove being slotted, a suitably supported roller so arranged relative to the slot that the periphery of the roller extends through the slot, and means engaging the end coins in the groove to retain them in position during the wrapping of the roll. In testimony whereof, he affixes signatures in presence of two witnesses.

HENRY H. NORRINGTON.

Witnesses:
Geo. B. Willcox,
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