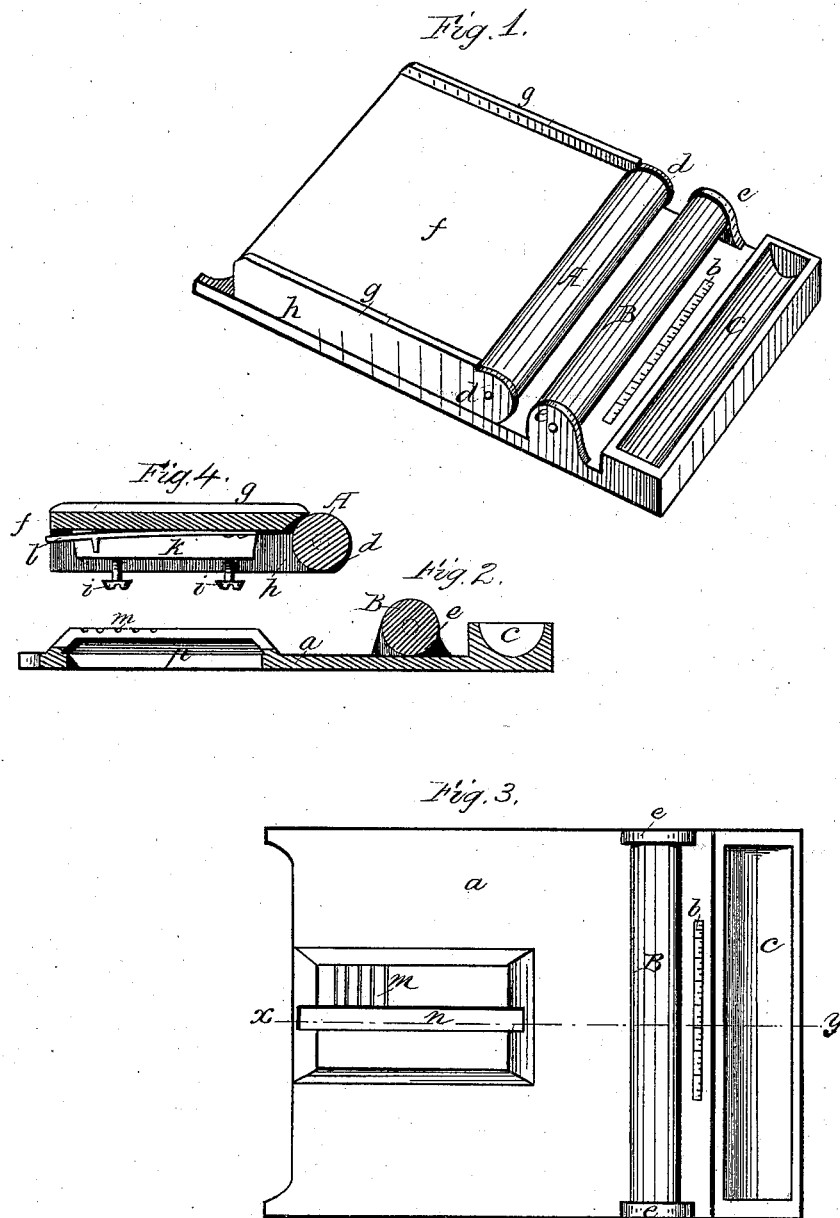


P. H. NEWBILL.
Coin-Roller.

No. 217,396.

Patented July 8, 1879.



Witnesses:
J. G. Hunter
Jonathan Hildreth

Inventor:
P. H. Newbill

UNITED STATES PATENT OFFICE.

PATRICK H. NEWBILL, OF LOS ANGELES, CALIFORNIA.

IMPROVEMENT IN COIN-ROLLERS.

Specification forming part of Letters Patent No. **217,396**, dated July 8, 1879; application filed November 22, 1877.

To all whom it may concern:

Be it known that I, PATRICK H. NEWBILL, of Los Angeles, county of Los Angeles, State of California, have invented a new and Improved Coin-Wrapper; and I hereby declare that the following is a full, clear, and exact description of the said invention, reference being made to the accompanying drawings, in which—

Figure 1 is a perspective view. Fig. 2 is a longitudinal section of the lower plate on the line *xy*. Fig. 3 is a plan view of the lower plate, and Fig. 4 is a longitudinal section of the upper plate.

My invention relates to an apparatus designed to facilitate the handling, counting, and rolling of coin; and it consists, principally, of two plates fitting one upon another, each provided with a roller, the upper plate being adjustable, so that the space between the rolls may be increased or diminished, to accommodate the various denominations of coin in circulation.

It also consists in the novel construction, arrangement, and combination of the various operative parts, as fully hereinafter set forth and claimed.

In the drawings, *a* represents the lower plate. At one end it is provided with a trough with concave bottom, adapted to give form to the roll of coins placed therein. Along the edge of the trough, on the lower plate, is a graduated scale, *b*, by which the number of coins may be accurately counted.

Standards *c* on the lower plate form bearings for the journals of the roller B, which is of ordinary construction. The journals are preferably wood screws, inserted from the outside. The other end of this lower plate, *a*, is provided with a raised portion, forming a recess, *p*, and a slot, *n*, is cut lengthwise of this raised portion, and ratchet-teeth *m* of any desired form placed thereon.

This plate, with its trough-bearings and raised portion, is cast in one piece of metal. The ratchet-teeth and scale may be added afterward, or may be cast solid with the plate.

The upper plate or table is composed of side pieces, *h*, and a top, *f*. The ends of the side pieces form standards, between which is journaled the roller A in the same manner as the roller B on the lower plate, *a*.

The top *f* is placed a little below the top of the side pieces, *h*, leaving raised edges *g*,

which prevent the paper from slipping off when placed on the table.

k is a rib secured to the under side of the upper plate, adapted, when said plate is placed in position on the lower plate, to enter the slot *n*, and guide the upper plate in its longitudinal motion.

Screws *i i* enter the rib *k* through the slot and prevent the two from being separated, while permitting a free motion to the upper plate.

l is a spring riveted to the under side of the upper plate, and having near its free end a pawl, which enters one of the ratchet-teeth, *m*, and keeps the upper plate in any desired position.

In operating my device, the coin to be counted is placed in the trough *c*, and counted by means of the scale *b*. The spring-pawl *l* is raised from engagement with the ratchet, and the upper plate, guided in its movement by the rib *k*, is moved forward until a distance equal to the diameter of the coin intervenes between the rolls A B. The pawl then drops into the ratchet again, and holds the plate in position.

The wrapper is placed over the two rollers, and the roll of coin placed thereon, and turned till completely covered by the wrapper, when it is removed, and the process of finishing by closing the end of the rolls is completed.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a coin wrapper or roller, the combination, with the lower plate, having the roller B, of the upper plate, adjustable for the purpose set forth, and having roller A, substantially as described and shown.

2. The combination, with the lower plate, *a*, having slot *n* and ratchet *m*, of the guide-rib *k* and spring-pawl *l*, substantially as and for the purpose set forth.

3. The coin wrapper or roller described, consisting of the lower plate, *a*, having trough C and graduated scale *b*, roller B, slot *n*, ratchet *m*, and the adjustable upper plate provided with roller A, guide-rib *k*, and spring-pawl *l*, all substantially as shown, and for the purpose set forth.

Witnesses:

P. H. NEWBILL.

F. G. HUNTER,

JONATHAN HILDRETH.