P. F. FRIESEN.

COIN STACKER.

APPLICATION FILED JAN. 28, 1920.

1,407,140. Patented Feb. 21, 1922.

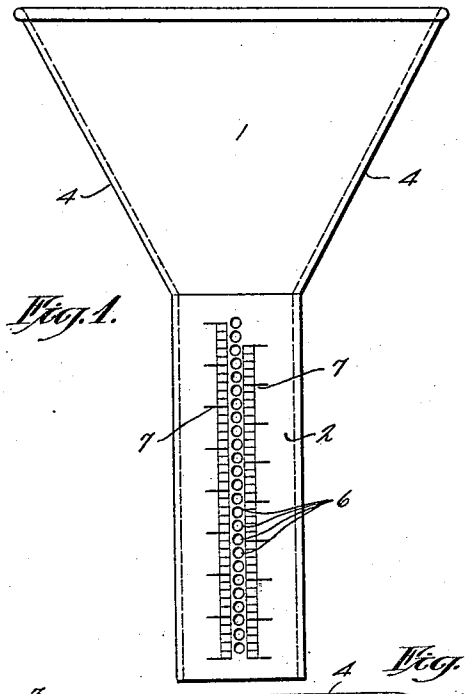


Fig. 1.

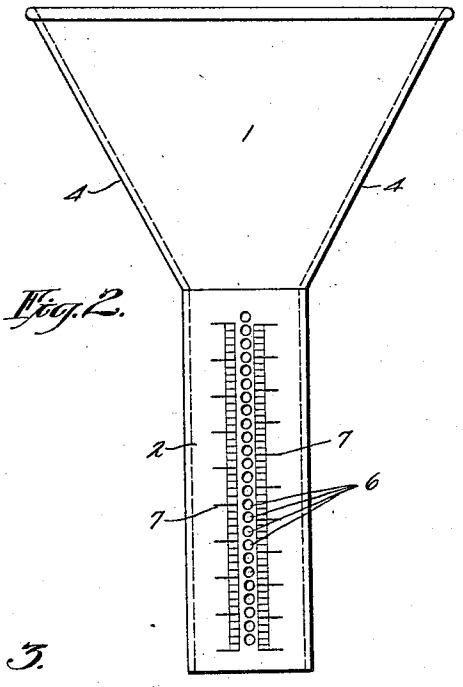


Fig. 2.

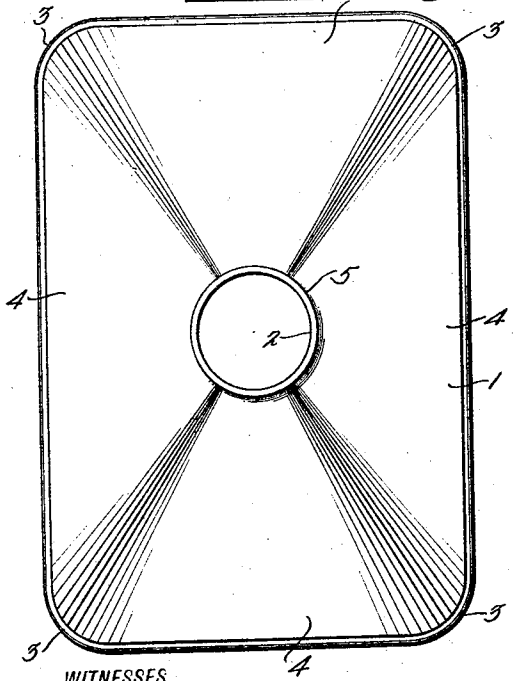


Fig. 3.

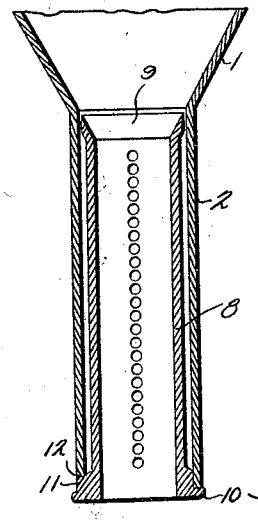


Fig. 4.

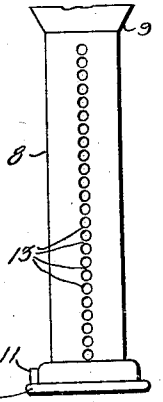


Fig. 5.

WITNESSES

A. Harwood.

S. W. Foster

INVENTOR

P. F. Friesen.

BY Munn & Co

ATTORNEYS

UNITED STATES PATENT OFFICE.

PETER F. FRIESEN, OF HILLSBORO, KANSAS.

COIN STACKER.

1,407,140. Specification of Letters Patent. Patented Feb. 21, 1922.

Application filed January 28, 1920. Serial No. 354,578.

To all whom it may concern:

Be it known that I, PETER F. FRIESEN, a citizen of the United States, and a resident of the city of Hillsboro, in the county of Marion and State of Kansas, have invented a new and Improved Coin Stacker, of which the following is a full, clear, and exact description.

This invention relates to improvements in coin stackers, an object of the invention being to provide a cheap, inexpensive device into which coins can be readily placed and which will by gravity stack the coins and indicate the number or value of the stack.

A further object of the invention being to provide a coin stacker which may be used for stacking coins of different sizes by the substitution of different inner tubes.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings:

Figures 1 and 2 are views of opposite sides of the stacker.

Figure 3 is a top plan view.

Figure 4 is a view in longitudinal section illustrating a modification.

Figure 5 is a view in elevation of the inner tube removed.

1 represents the upper flared entrance end of my improved stacker which is of general funnel shape, having a vertical cylindrical coin receiving portion 2, communicating with the central lowest portion of the flared upper end 1.

The end 1 is preferably of general oblong shape in plan, with rounded corners 3 and having tapering side walls 4 merging into a circular lower portion 5, which registers with and is fixed to the tubular or cylindrical portion 2.

The cylindrical portion 2 has an open lower end so that the device can be lifted off the stack of coins, and longitudinal series of perforations are provided in the opposite sides of the cylindrical portion 2 through which the stack of coins can be observed and scales 7 are provided at the sides of the series of perforations which indicate the number or value of the stack of coins.

In the modification illustrated in Figures 4 and 5 a removable inner tube 8 is provided in the tube 2 and has a beveled upper end 9 to guide the coins thereinto. A flange 10 is provided around the lower end of the inner tube 8 and a key 11 is located thereon to enter a keyway 12 in the end of tube 2 to guide the perforations 13 of the inner tube 8 into register with the perforations of the tube 2.

In operation the coins are dropped into the stacker and collect in a pile in the tubular lower portion thereof, when the stacker can be removed leaving the stack on a table or other support.

By the provision of inner tubes different size coins can be stacked and of course the device can be made of different sizes to accommodate any or all coins.

Various slight changes might be made in the general form of the parts described without departing from my invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claim.

I claim:

A stacker, comprising a cylindrical portion, an inner tube therein having a flared upper end, a flange around the lower end of the inner tube, a key on said flange, said cylindrical portion having a key-way therein receiving the key, and said tube and cylindrical portion have registering perforations.

PETER F. FRIESEN.