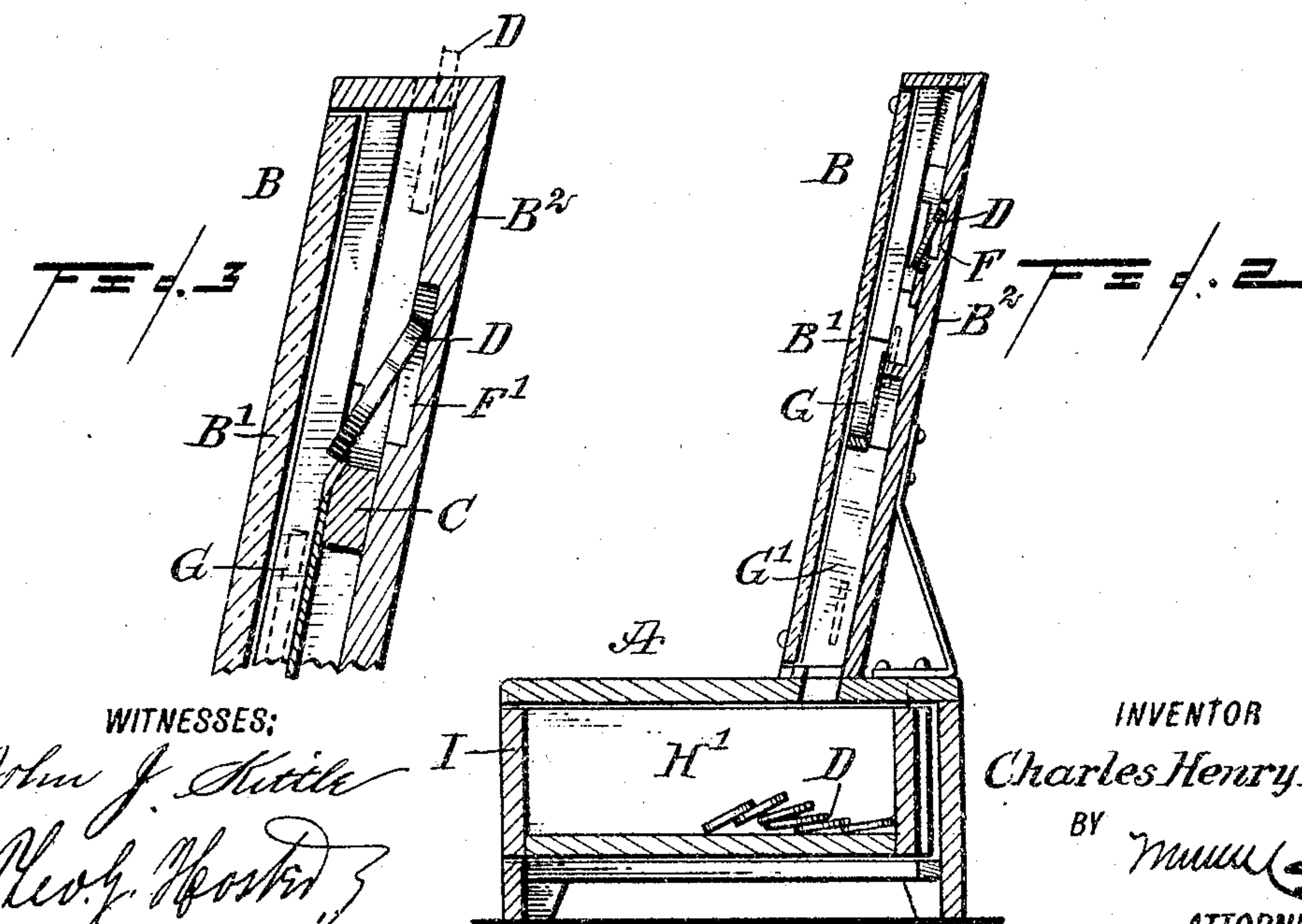
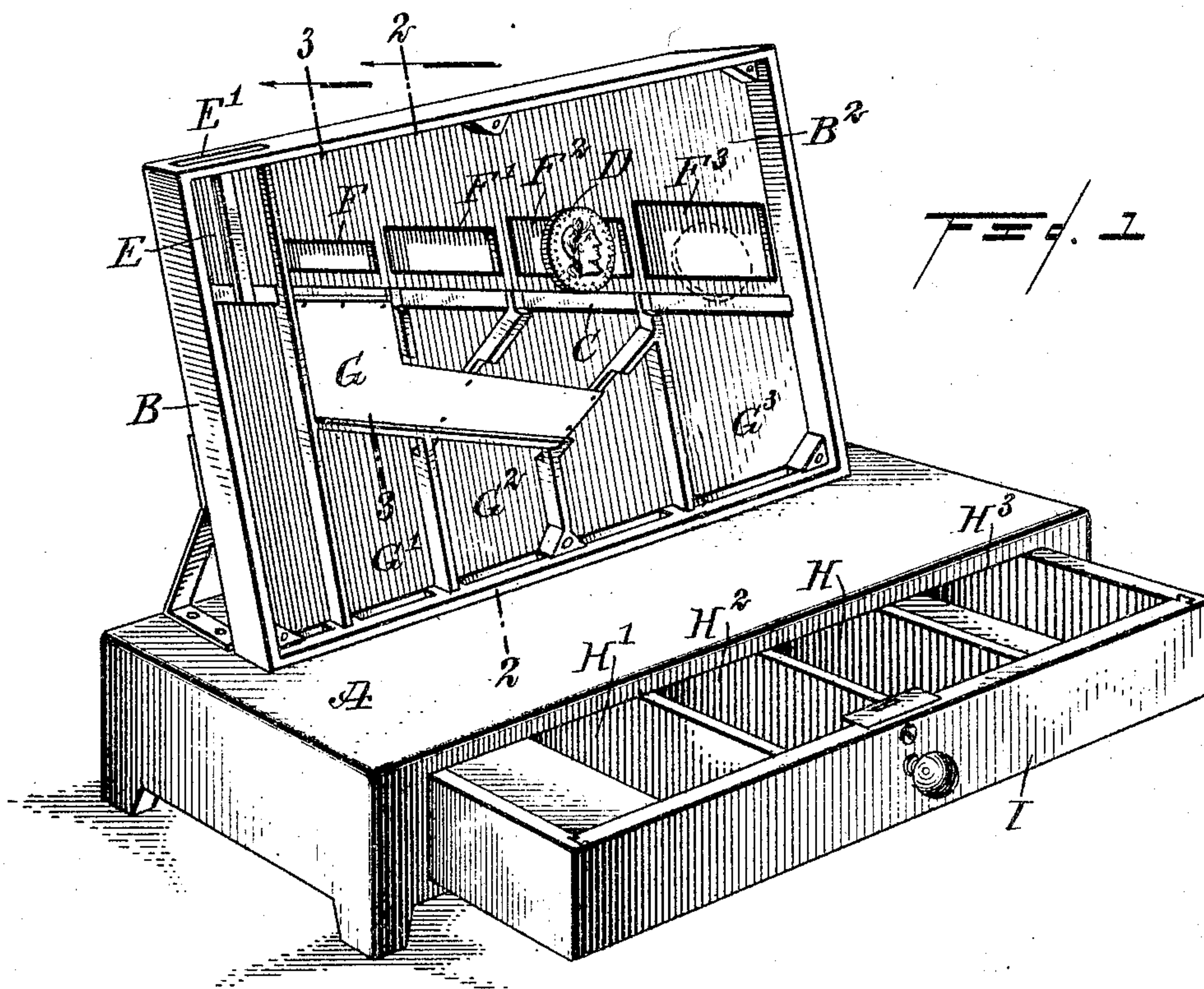


No. 794,620.

PATENTED JULY 11, 1905.

C. H. HALL.
COIN DISTRIBUTER.
APPLICATION FILED FEB. 25, 1906.



WITNESSES:
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UNITED STATES PATENT OFFICE.

CHARLES HENRY HALL, OF FRESNO, CALIFORNIA.

COIN-DISTRIBUTER.

SPECIFICATION forming part of Letters Patent No. 794,620, dated July 11, 1905.

Application filed February 25, 1905. Serial No. 247,269.

To all whom it may concern:

Be it known that I, CHARLES HENRY HALL, a citizen of the United States, and a resident of Fresno, in the county of Fresno and State of California, have invented a new and Improved Coin-Distributor, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved coin-distributor which is simple in construction, not liable to easily get out of order, and arranged to distribute the assorted coins according to their size and value and in the proper sequence.

The invention consists of novel features and parts and combinations of the same, as will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement. Fig. 2 is a transverse section of the same on the line 2 2 of Fig. 1, and Fig. 3 is an enlarged transverse section of the same on the line 3 3 of Fig. 1.

On a suitably-constructed base or stand A is set a rearwardly-inclined casing B, preferably having a closing front B' and a back B², on the front face of which is arranged a track C for the coins D to run on, the said track being inclined downwardly from the bottom of a drop-chute E, formed in the casing B and having its inlet E' at the top of the casing B. In the back B² of the casing B directly above the track C are arranged spaced recesses F, F', F², and F³ of different heights and preferably rectangular in shape, the bottom walls of the recesses being alined and parallel to the track C. From the front of the track C extend downwardly delivery-chutes G, G', G², and G³, having their inlet-openings in register with the corresponding recesses F, F', F², and F³, the outlet or discharge ends of the said delivery-chutes leading to separate compartments H, H', H², and H³, respectively, preferably formed in a drawer I, slidably held in the base or stand A. The first delivery-

chute G crosses the delivery-chutes G' and G² from the left to the right, while the delivery-chute G' crosses the delivery-chute G from the right to the left, and in a like manner the chute G² crosses the delivery-chute G, as plainly indicated in Fig. 1.

The recesses F, F', F², and F³ are so arranged relative to the sizes of the coins to be assorted and distributed that the top of a dime, for instance, rolling down the track C is below the top wall of the recess F, and consequently the dime when reaching the recess F inclines rearwardly owing to the inclination of the back B², and consequently the bottom of the coin leaves the track C toward the front and the coin drops into the chute G, down which the coin passes to the compartment H. In a like manner the recess F' is so arranged as to trip a cent, it being understood that the top of the cent rolling down the track C is above the top wall of the recess F, but below that of the recess F', and consequently when the cent reaches the recess F' it is tripped and falls into the chute G', which delivers the cent to the first compartment H'. When a nickel rolls down the track C, its top is above the top wall of both recesses F and F', and it is consequently not influenced by the said recesses in its downward journey; but the top of the nickel is below the top wall of the recess F², so that the nickel is tripped and falls into the chute G², which delivers the nickel to the second compartment H². In a like manner a silver quarter rolling down the track C has its top above the top walls of the recesses F, F', and F², but below the top wall of the recess F³, so that the silver quarter is tilted transversely and slides off the track C down into the chute G³, which delivers the coin to the last compartment H³.

It is understood that the device may be arranged to distribute and assort other coins than the ones mentioned, or the device may be extended to also distribute fifty-cent pieces and dollars or coins of other denominations.

In using the device the operator drops the coins to be assorted successively into the drop-chute E, the bottom of which is inclined and in alinement with the track C, so that the coins

roll successively down the track C, to be tripped when coming in register with the corresponding recesses F, F', F², and F³.

By arranging the chutes G, G', G², and G³ as described it is evident that the coins drop assorted into the different compartments H', H², H, and H³ in the drawer I, according to their value and in the proper sequence—that is, the first compartment H' contains cents, the second compartment H² nickels, the third compartment H dimes, and the last compartment H³ silver quarters.

From the foregoing it will be seen that the device is very simple and durable in construction, is not liable to easily get out of order, as it has no movable parts, and it can be cheaply manufactured.

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

1. A coin-distributor comprising an inclined back provided with a plurality of recesses spaced apart and of different sizes, a drop-inlet chute, a track leading from the chute in a downwardly-inclined direction, the aligned bottom walls of the said recesses ranging parallel with the said track, and delivery-chutes leading from the front of the track and having their inlet-openings in register with the corresponding recesses in the inclined back.

2. A coin-distributor comprising an inclined back provided with a plurality of recesses spaced apart and of different sizes, a drop-inlet chute, a track leading from the chute in a downwardly-inclined direction, the aligned bottom walls of the said recesses ranging parallel with the said track, and delivery-chutes leading from the said track at the front sides thereof, the said recesses in the inclined back being each arranged to cause the corresponding coin to tilt rearwardly, whereby the bottom of the coin leaves the track at the front and the coin drops into the inlet of the corresponding delivery-chute, the delivery-chutes being arranged to distribute the coins in the proper sequence of their value.

3. A coin-distributor comprising an inclined back provided with a plurality of recesses

spaced apart and of different sizes, a drop-inlet chute, a track leading from the chute in a downwardly-inclined direction, the aligned bottom walls of the said recesses ranging parallel with the said track, delivery-chutes leading from the said track at the front sides thereof, the inlet-openings of the delivery-chutes being in register with the corresponding recesses in the inclined back and compartments into which discharge the said delivery-chutes, the latter being arranged to distribute the coins in the compartments in the proper sequence according to their value.

4. A coin-distributor comprising an inclined back, a drop-chute, a track on the inner face of the inclined back and leading from the said chute in a downwardly-inclined direction, delivery-chutes leading downward from the said track at the front thereof, the said inclined back being provided on its inner face directly above the track with a plurality of recesses spaced apart and of different sizes, the recesses being arranged relative to the size of the coins, so that the top of a coin rolling down the track will be below the top wall of the recess corresponding to the coin, the recesses permitting the corresponding coins to tilt rearwardly and slide off the track into the corresponding delivery-chutes.

5. In a coin-distributor, an upwardly extending and inclined support, a track extending transversely on one face of the inclined support and inclined downwardly, the said inclined support being provided with recesses extending above the track at one side thereof, the top walls of the several recesses being at different distances above the track, and delivery-chutes leading downward from the track at the opposite side thereof and having their inlet-openings opposite the said recesses.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES HENRY HALL.

Witnesses:

W. A. CONN,
M. J. HALL.