

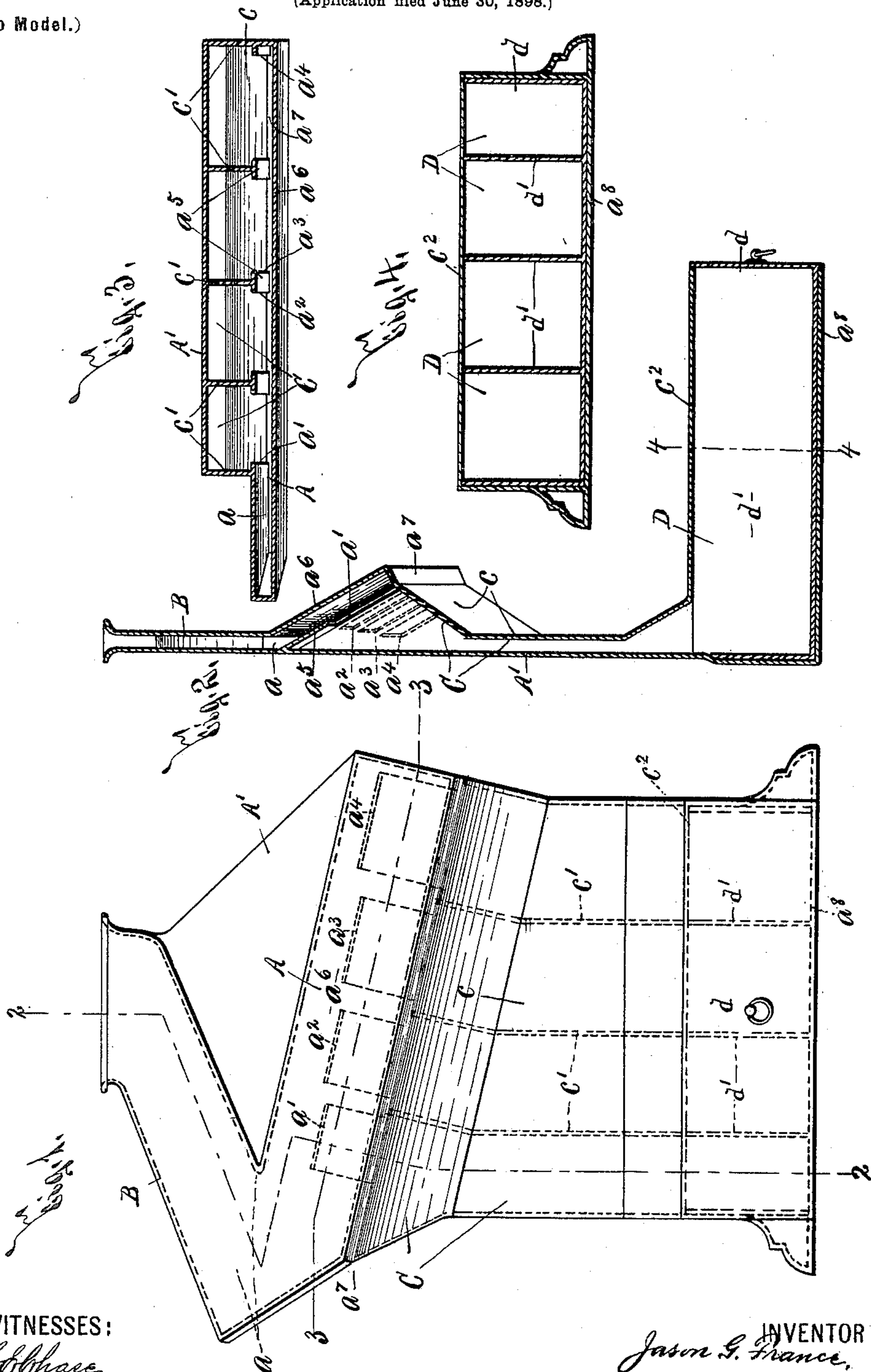
No. 657,902.

Patented Sept. 11, 1900.

J. G. FRANCE.  
COIN ASSORTING DEVICE.

(Application filed June 30, 1898.)

(No Model.)



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

JASON G. FRANCE, OF SYRACUSE, NEW YORK, ASSIGNOR OF ONE-HALF  
TO JAMES R. PEARSALL, OF SAME PLACE.

## COIN-ASSORTING DEVICE.

SPECIFICATION forming part of Letters Patent No. 657,902, dated September 11, 1900.

Application filed June 30, 1898. Serial No. 684,781. (No model.)

*To all whom it may concern:*

Be it known that I, JASON G. FRANCE, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and  
5 useful Improvements in Coin-Assorting Devices, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention has for its object the produc-  
10 tion of a coin-assorting device which is simple in construction and highly effective in operation; and to this end it consists in the combination, construction, and arrangement of the component parts of a coin-assorting  
15 device, as hereinafter fully described, and pointed out in the claim.

In describing this invention reference is had to the accompanying drawings, forming part of this specification, in which like letters  
20 indicate corresponding parts in all the views.

Figure 1 is a front elevation of my improved coin-assorting device. Figs. 2, 3, and 4 are sectional views taken, respectively, on lines  
2 2 and 3 3, Fig. 1, and 4 4, Fig. 2.

25 My improved coin-assorting device preferably consists of an assorting-guide A, feeding and receiving guides B C, and pockets D. The assorting-guide A is generally provided with inlet and outlet openings  $a$   $a'$   $a^2$   $a^3$   $a^4$   
30 and downwardly-inclined side and bottom walls  $a^5$   $a^6$   $a^7$ . The inlet-opening  $a$  is of any suitable size, is usually provided in the upper end of the guide A in advance of the outlet-openings  $a'$   $a^2$   $a^3$   $a^4$ , and preferably com-  
35 municates with the lower end of the feeding-guide B. The outlet-openings  $a'$   $a^2$   $a^3$   $a^4$  are arranged one in advance of the other in the path of the coin admitted into the guide A through the inlet-opening  $a$ , are generally  
40 formed in the side wall  $a^5$  of said guide, and are preferably of unequal area, being usually increased successively in width and height toward the lower end of the guide A. The side wall  $a^5$  of the guide A generally inclines  
45 downwardly toward one of its ends and its lower longitudinal side and is preferably united at its upper longitudinal side to a substantially-upright wall  $A'$ , which supports the guide A and forms parts of the guides B  
50 C. The side wall  $a^6$  of the guide A is substantially parallel with the wall  $a^5$ , and the

bottom wall  $a^7$  of said guide unites the lower edges of the walls  $a^5$   $a^6$  and is generally arranged at substantially right angles therewith, being also inclined downwardly to-  
55 ward one end and one longitudinal side. The feeding-guide B preferably extends upwardly from the inlet-opening  $a$  of the assorting-guide A and is of any suitable form and size. It is obvious, however, that said feed-  
60 ing-guide may be dispensed with, if desired, and the coin inserted directly into the inlet-opening  $a$ . The receiving-guides C are usually inclosed by the wall  $A'$ , an opposite wall  $c$  extending downwardly from the bottom wall  
65  $a^7$  of the guide A, and substantially parallel partitions  $c'$  interposed between the adjacent faces of the walls  $A'$   $c$  and having their upper ends alined with the spaces between the openings  $a'$   $a^2$   $a^3$   $a^4$ . The pockets D are alined  
70 with the receiving-guides C and are generally formed in a drawer  $d$ , which is arranged beneath a lateral extension  $c^2$  of the wall  $c$ , is movable in a guide  $a^8$ , projecting laterally from the lower end of the wall  $A'$  beneath the  
75 extension  $c^2$ , and is provided with partitions  $d'$ , alined with the partitions  $c'$ . Said pockets D may, however, be otherwise constructed, if desired.

In the operation of my invention a number  
80 of coins of different size are inserted one by one within the feeding-guide B and pass through the inlet-opening  $a$  into the guide A, whence they emerge through corresponding outlet-openings of said guide and fall down-  
85 wardly into the receiving-guides C and the pockets D.

The construction and operation of my improved coin-assorting device will now be readily understood upon reference to the  
90 foregoing description and the accompanying drawings.

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

95 In a coin-assorting device, the combination of a substantially-upright wall  $A'$ , a wall  $a^5$  inclining downwardly toward one end and one longitudinal side and having its other longitudinal side united to the wall  $A'$ , said  
100 wall  $a^5$  being provided with a series of openings  $a'$   $a^2$   $a^3$   $a^4$  of unequal area, a wall  $a^6$  ar-

ranged substantially parallel with the wall  
 $a^5$ , a wall  $a^7$  uniting the lower longitudinal  
 sides of the walls  $a^5$   $a^6$ , a wall  $c$  extending  
 from the wall  $a^7$  and arranged opposite to the  
 5 wall  $A'$  and provided with a lateral extension  
 $c^2$ , a plurality of partitions  $c'$  arranged be-  
 neath the wall  $a^7$  and above the extension  $c^2$   
 and between the walls  $A'$   $c$  and having their  
 upper ends alined with the spaces between  
 10 the openings  $a'$   $a^2$   $a^3$   $a^4$ , a guide  $a^8$  projecting  
 laterally from the lower end of the wall  $A'$   
 beneath the extension  $c^2$ , and a drawer  $d$   
 movable in the guide  $a^8$  beneath the exten-

sion  $c^2$  and provided with partitions  $d'$  alined  
 with the partitions  $c'$ , substantially as and 15  
 for the purpose described.

In testimony whereof I have hereunto  
 signed my name, in the presence of two attest-  
 ing witnesses, at Syracuse, in the county of  
 Onondaga, in the State of New York, this 28th 20  
 day of May, 1898.

JASON G. FRANCE.

Witnesses:

E. A. WEISBURG,  
 K. H. THEOBALD.