

No. 824,677.

PATENTED JUNE 26, 1906.

J. L. SIMMONS.
COIN CONTROLLED VENDING MACHINE.
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Fig. 1.

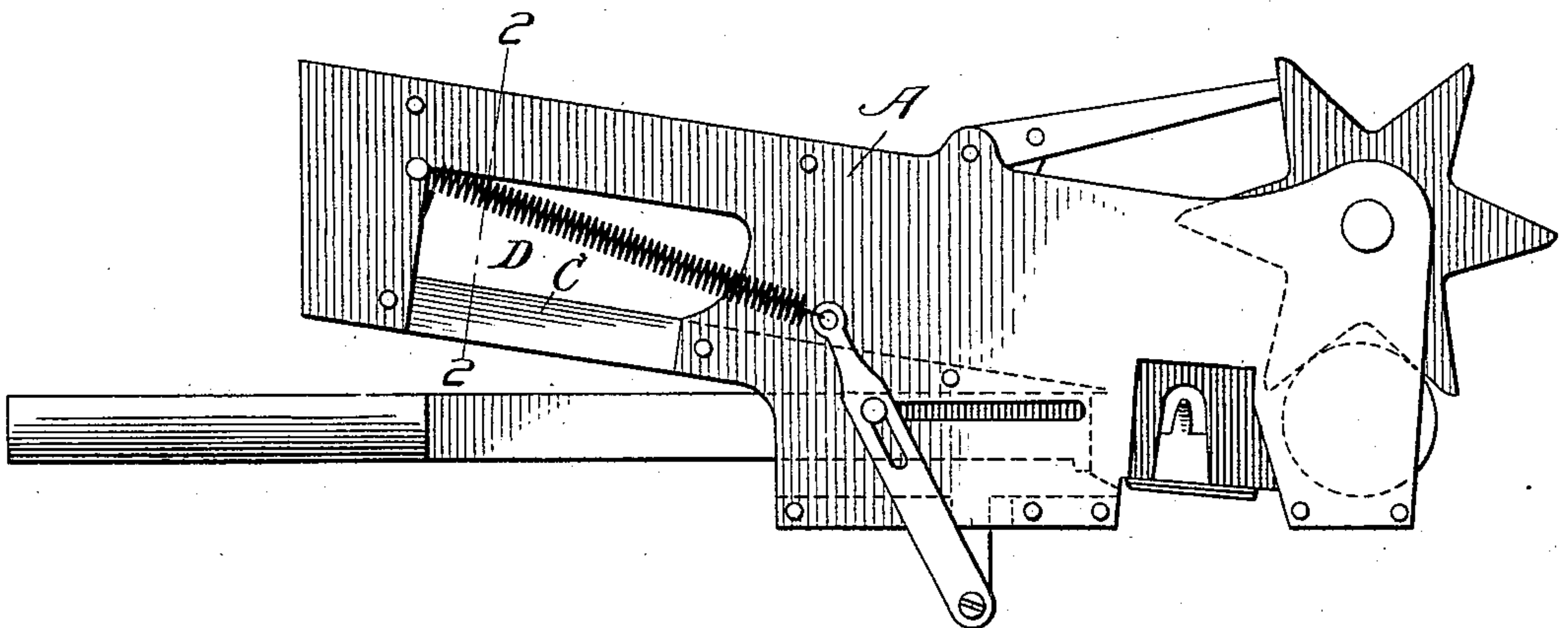
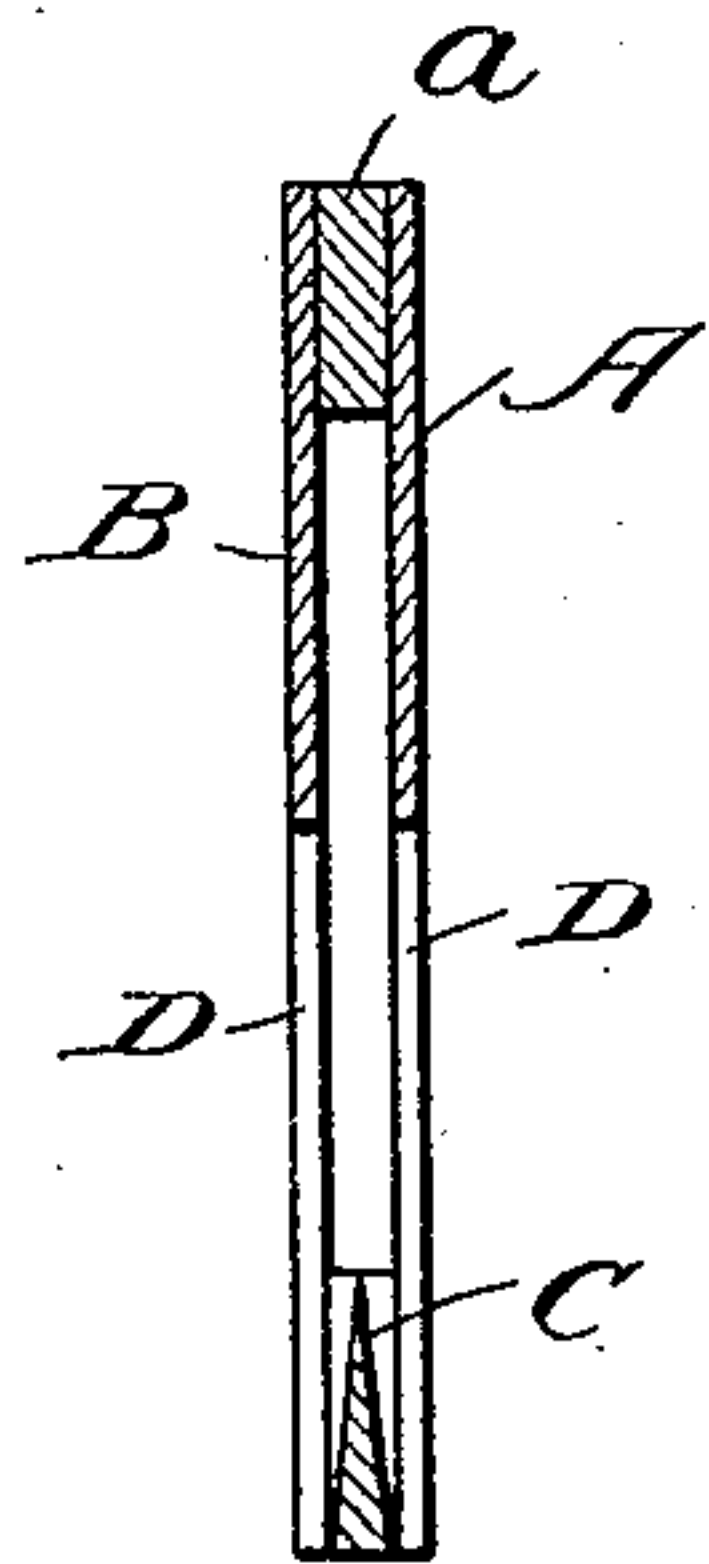


Fig. 2.



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JAMES LEE SIMMONS, OF WASHINGTON, DISTRICT OF COLUMBIA, AS-
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COIN-CONTROLLED VENDING-MACHINE.

No. 824,677.

Specification of Letters Patent.

Patented June 26, 1906.

Original application filed April 9, 1904, Serial No. 202,383. Divided and this application filed December 7, 1904. Serial No. 235,837.

To all whom it may concern:

Be it known that I, JAMES LEE SIMMONS, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Coin-Controlled Vending-Machines; 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 present invention relates to coin-controlled vending-machines, but more particularly to the coin track or way constituting part thereof, and has for its object the production of a track or way capable of safely conducting a proper coin to its point of utilization in the machine or of automatically casting out an improper coin as the case may be.

The present application is, furthermore, a division of my pending application for Letters Patent, Serial No. 202,383, filed on the 9th day of April, 1904, wherein the subject-matter is illustrated and described, but not claimed.

The invention will be hereinafter described, and particularly pointed out in the claims following.

In the accompanying drawings, which form part of this specification, and whereon corresponding letters indicate the same parts in both views, Figure 1 is a side elevation of my improved coin track or way embodying also several correlative parts not herein claimed; and Fig. 2 is a transverse vertical section, on an enlarged scale, of the present invention, taken on the line 2 2 of Fig. 1.

Reference being had to the accompanying drawings and letters thereon, A B indicate the parallel sides of a coin track or way spaced to allow the passage of a proper coin and open at both ends. This track or way may be closed above by a space-bar or blocks *a* and below by a rail over which a proper coin is adapted to travel. The coin-rail aforesaid is constructed with a knife-edge section C, as best shown by Fig. 2, and is by preference uniformly beveled upon both sides, while immediately above this the inner walls of sides A B serve to safely conduct a proper coin over said knife-edge section C by positively preventing a lateral movement of the coin during its passage.

Adjacent to the knife-edge section C both side walls A B are broken by cast-out open-

ings D, through either of which an improper coin may be ejected. It should be noted, however, that a cast-out opening in one of said side walls would be sufficient, provided the relative location of knife-edge C be such as to insure a cast-out in the direction of such opening.

The operation of my improved coin track or way is as follows: A proper coin being deposited in the open end of the coinway is maintained in an upright position by the inner walls of sides A B and by them is guided over the knife-edge section C to its point of utilization in the machine. If, on the other hand, however, an improper coin or token—such, for example, as a coin of less than the proper thickness or diameter, an irregular coin, or a tin tag—be so introduced, such will immediately slip from the knife-edge C and through one of the cast-out openings D, there being no support afforded by the sides A B for such improper coin.

Having thus described my invention in its preferred form of construction, it should be understood that various changes in the construction, relation, or arrangement of parts may be made and substituted for those herein shown and described without in the least departing from the spirit of the invention, which may be claimed as follows:

1. In a coin-controlled vending-machine a coin track or way having a knife-edge section over which a proper coin is adapted to travel, and a cast-out opening in a side wall of said way for ejecting from the machine improper coins, substantially as described.

2. In a coin-controlled vending-machine a coin track or way having a knife-edge section over which a proper coin is adapted to travel, and cast-out openings in both side walls of said way for ejecting from the machine improper coins, substantially as described.

3. In a coin-controlled vending-machine a coin track or way having a knife-edge section over which a proper coin is adapted to travel, a suitable guide for conducting such proper coin over said knife-edge section, and cast-out openings in the side walls of said way for ejecting from the machine improper coins, substantially as described.

In testimony whereof I subscribe my signature in presence of two witnesses.

JAMES LEE SIMMONS.

Witnesses:

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