

J. WEINER.
 COIN CONTROLLED ELECTRICAL DEVICE OR MACHINE.
 APPLICATION FILED MAR. 7, 1908.

912,924.

Patented Feb. 16, 1909.

Fig. 1.

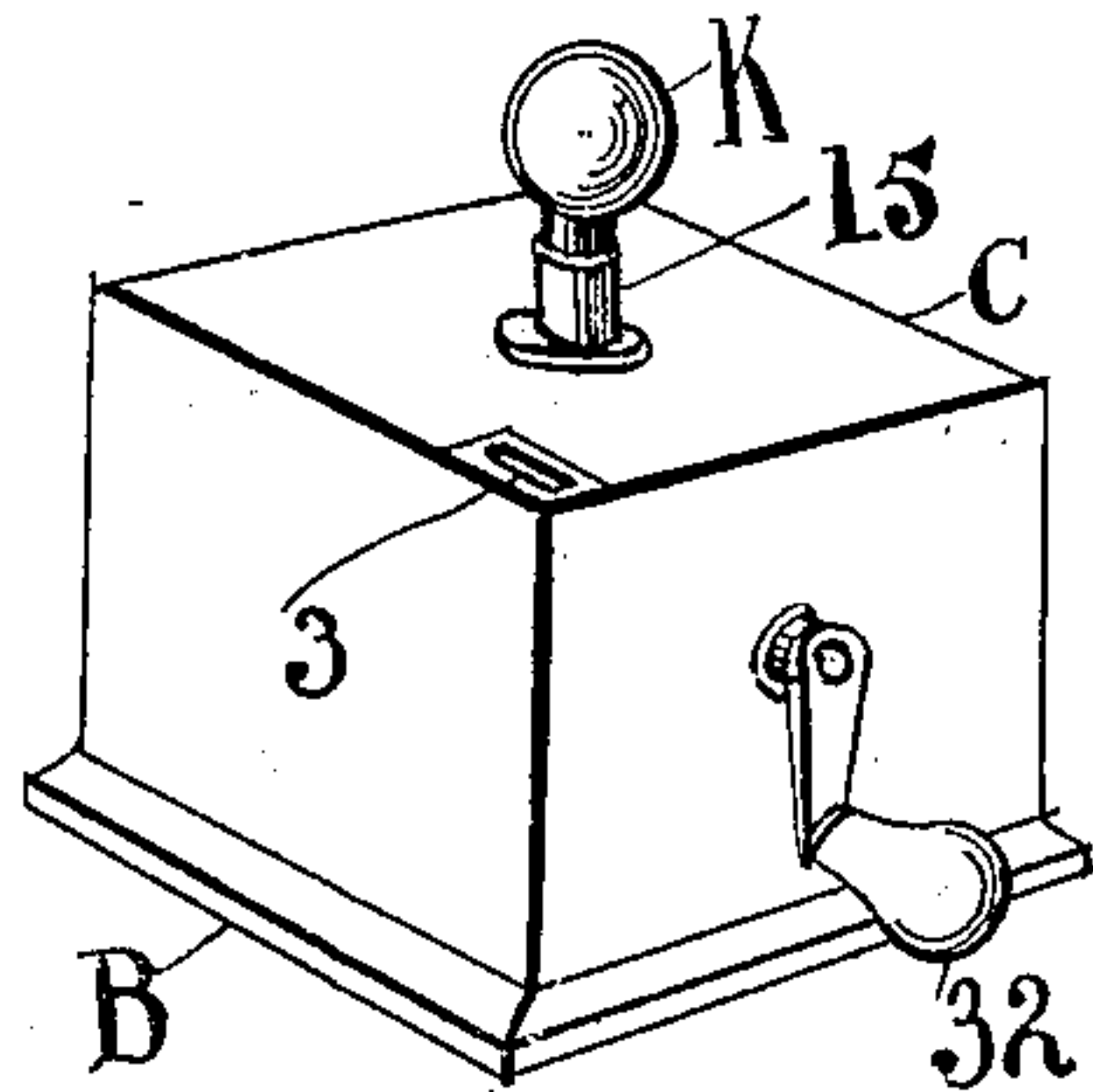


Fig. 2.

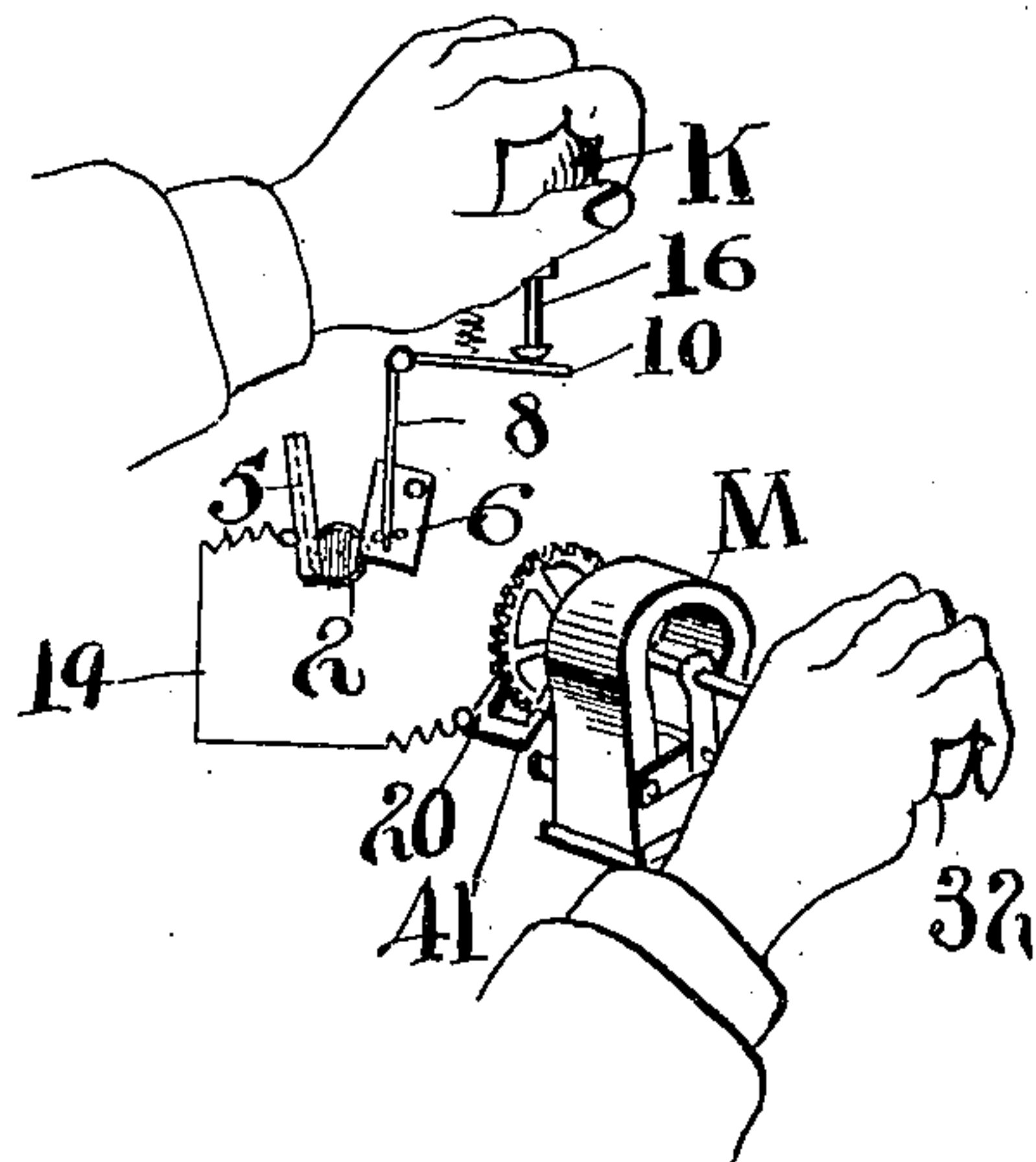


Fig. 3.

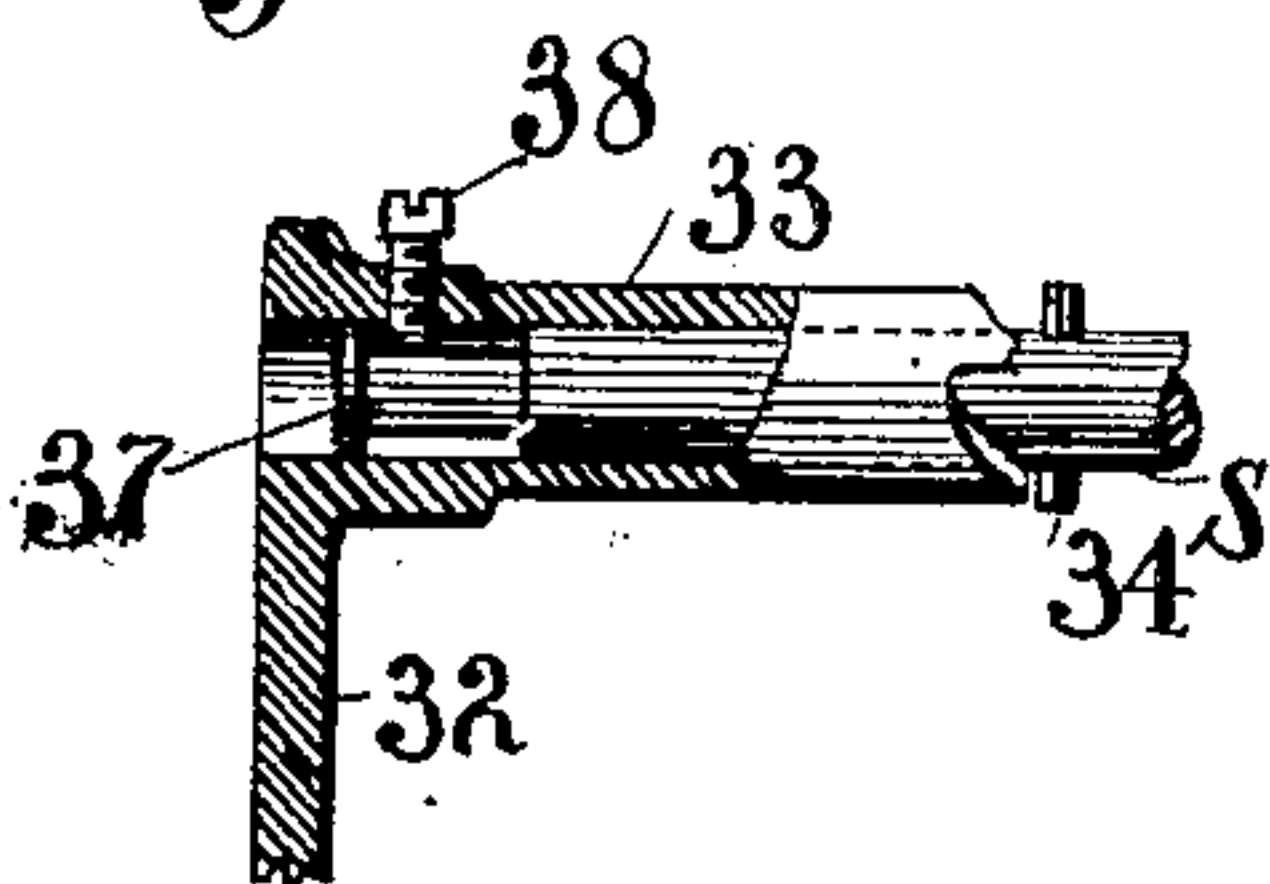


Fig. 4.

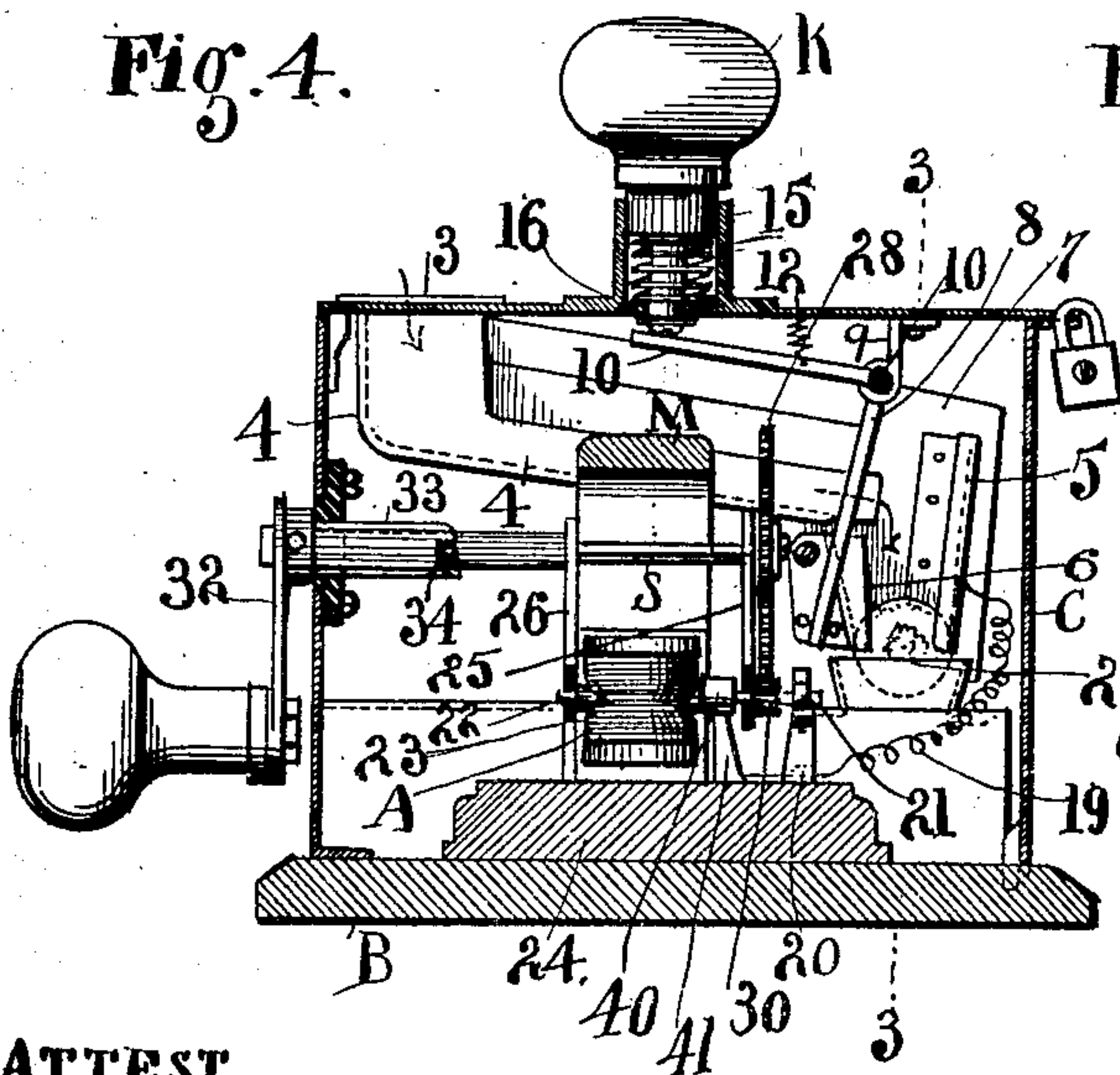
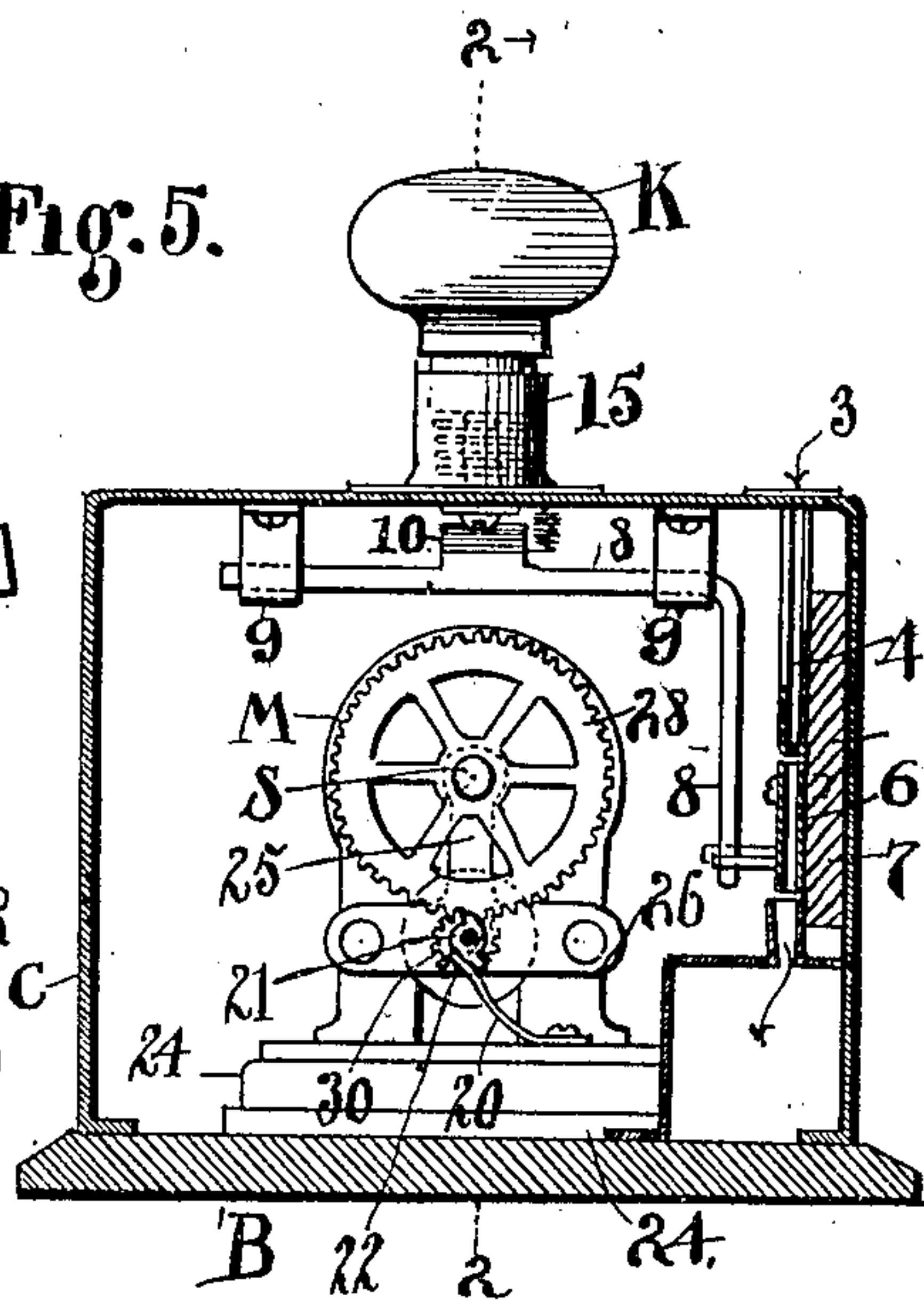


Fig. 5.



ATTEST
 C. M. Fisher
 F. C. Mussum

INVENTOR
 Jardo Weiner.

By Fisher & Moser ATTYS.

UNITED STATES PATENT OFFICE.

JARDO WEINER, OF CLEVELAND, OHIO, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, OF ONE-HALF TO JOHN J. CASSIDY AND ONE-HALF TO AUGUST LARSON, BOTH OF CLEVELAND, OHIO.

COIN-CONTROLLED ELECTRICAL DEVICE OR MACHINE.

No. 912,924.

Specification of Letters Patent.

Patented Feb. 16, 1909.

Application filed March 7, 1908. Serial No. 419,709.

To all whom it may concern:

Be it known that I, JARDO WEINER, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Coin-Controlled Electrical Devices or Machines, and do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a coin controlled electrical device or machine adapted to generate a current of electricity and to impart the same to the user, all substantially as shown and described and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view of the machine. Fig. 2 is a perspective diagrammatic view illustrating the manner of use and how the user gets into the electrical circuit. Fig. 3 is a detail of a part of the crank handle and the end of the crank actuated shaft. Fig. 4 is a vertical cross section of the machine on the axis of the crank shaft, and Fig. 5 is a cross section at right angles to Fig. 4.

In the construction as thus shown C represents the casing or shell of the machine, which in this instance is rectangular in shape but might be circular if preferred, and which is made of a suitable grade and kind of sheet metal with any preferred surface finish, a fairly heavy metal being desirable to prevent tampering with the internal working parts or getting at the coin receptacle.

B represents the base of the machine upon which all the parts rest either individually or through casing C, and which may be of wood or other suitable material.

Now, the idea herein is to provide a device or machine by or through which a person can treat himself or take treatment of a current of electricity in small or larger volume according as he may desire or need and in which operativeness or closing of the circuit is effected by a coin, 2, dropped into a slot 3 on top of the machine. That is to say the machine is so constructed and arranged that it will not transmit current without the coin to complete the electrical connections and close the circuit, temporarily. The coin being dropped into slot 3 it runs in the channel or way 4 provided therefor to conduct it

to resting position between fixed flanged vertical rib 5 and pivoted detaining check 6, said parts being adapted together to intercept the coin at the bottom of its run way 4 where the drop occurs. Said rib 5 is fixed on an insulating slab or piece 7 supported on box or casing C, while check or stop 6 is pivoted at its top through an ear on said insulation and is controlled to grip or release the coin by a bell-crank lever 8, pivoted on brackets 9 and provided with an arm 10 which is engaged by a spring 12 adapted to pull upward on the said arm and throw the lower portion of the lever which engages coin check 6, back to release the coin.

A depressible hand-engaging knob K is mounted on the main casing and is adapted to slide up and down within narrow limits in a cylindrical neck 15 on the main casing and has a headed stem 16 screwed therein from within casing C and a spring 17 in said neck or socket 15 to normally lift knob K and keep it up subject to limit by screw 16. The arm 10 is in constant contact with the head of stem 16 to make the electrical circuit complete through said parts from and through coin check 6 and through coin 2 with channelled rib 5, and said rib is brought into the electrical circuit through wire 19 and brush 20 bearing on a circuit breaking device 21 fixed on the end of shaft 22 of armature 23. Said device 21 has opposite fingers, and as brush 20 jumps from one to the other the flow of the current is intercepted and shock ensues. The said armature shaft is suitably supported at its ends in this instance by substantially T shaped supports or pieces 25 and 26, and piece 25 is fixed through its arms to the sides of electro magnet M, while the stem of said piece carries the inner end of crank spindle or shaft S, and on which is mounted a gear wheel 28. Said wheel meshes with a pinion 30 on the armature shaft and rotates the same, whereby an electric current is generated. Shaft S has a crank-handle 32 with a sleeve 33 on shaft S and adapted to engage pin 34 on the shaft when turned in one direction and to run idle when turned in the other direction, said sleeve sliding reverse or outward when turning idle on said shaft by reason of the cam construction of its inner end in which also there is a shoulder for engaging with pin 34 when the handle is turned positively. Shaft S has an outer reduced and

shouldered portion 37 engaged by set screw 38 on the handle sleeve and limiting the sliding thereof.

5 The commutator 40 on shaft 22 has a brush 41 and is in circuit with and through wire 19 and brush 20. The magnet M is supported from or by insulated base 24, and the armature A is located between the sides of said magnet as usual.

10 In operation, knob K is depressed by the left hand of the operator. This throws detaining check 6 forward and in the path of the coin. Otherwise the coin would drop through. The operator then grasps and rotates the crank handle with his right hand, and the current thereby generated flows over the circuit in which he thus becomes a part.

What I claim is:

A hand operated device for imparting electrical current to the operator, comprising a magneto generator having a crank member to operate the same and adapted to become one medium for transmitting the current to the hand, and means for closing the circuit comprising a hand hold member adapted to become the other medium for placing the operator in circuit. 20 25

In testimony whereof I sign this specification in the presence of two witnesses.

JARDO WEINER.

Witnesses:

E. M. FISHER,
F. C. MUSSEM.