

R. L. BOWMAN.
 COIN CONTROLLED TELEPHONE.
 APPLICATION FILED SEPT. 9, 1909.

956,754.

Patented May 3, 1910.

Fig. 1.

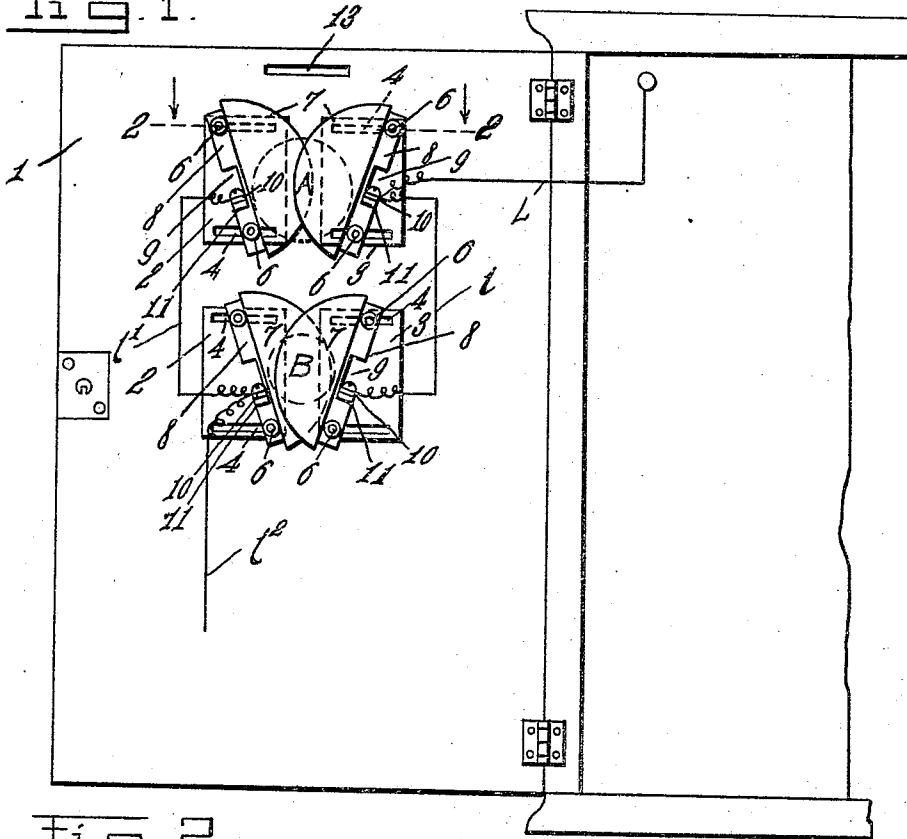


Fig. 2.

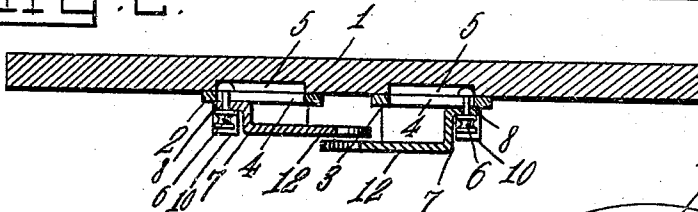


Fig. 3.

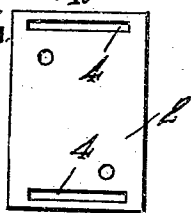
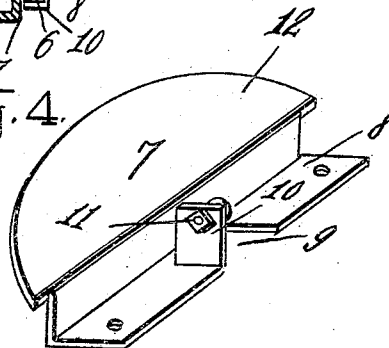


Fig. 4.



Witnesses
J. R. Hardy
L. O. Kellum

Inventor
Robert L. Bowman

by *A. B. Wilson & Co.*
 Attorneys

UNITED STATES PATENT OFFICE.

ROBERT LEE BOWMAN, OF KNOXVILLE, TENNESSEE.

COIN-CONTROLLED TELEPHONE.

956,754.

Specification of Letters Patent.

Patented May 3, 1910.

Application filed September 9, 1909. Serial No. 516,892.

To all whom it may concern:

Be it known that I, ROBERT LEE BOWMAN, a citizen of the United States, residing at Knoxville, Tennessee, have invented certain new and useful Improvements in Coin-Controlled Telephones; and I do 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.

This invention relates to toll collecting devices for telephone and electric light substations, and particularly, is adapted for subscribers' sub-stations where a certain toll is paid each month.

The object of the invention is to provide a device of this character in which the circuits of the sub-station apparatus are incomplete until the proper toll has been deposited, and further means for adjusting the device whereby any differences in toll rates may be accounted for.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claim.

In the drawings, Figure 1 is an elevation of the rear face of a sub-station box door, showing my invention applied thereto; Fig. 2 is a section taken on the line 2—2 of Fig. 1; Fig. 3 is a detail elevation of one of the base plates; Fig. 4 is a detail perspective view of one of the contact plates.

Referring more especially to the drawings, 1 denotes the door of the telephone or electric light box, which is shown as having attached to its rear face separated base plates 2 and 3, each provided with slots 4, in either end thereof, which lie immediately over similar slots 5 formed in the door. Positioned in these slots are clamping and adjusting bolts 6 with their heads sliding or moving within the slots 5 in such a manner as to permit their free adjustment from one side of the base plate to the other. These bolts 6 pass through apertures formed in the contact plates 7 which have in their outer flanges 8 a cut-away portion 9 which is bent up to form a suitable tongue 10 in which a binding screw 11 is secured. This

constitutes the binding post and affords a direct connection with the line wires.

The contact plates are substantially Z-shaped in formation with a flange 12 lying in a parallel plane to the flange 8 in such a manner that the contact plate on one side is adapted to have its flange 12 overlapping the flange 12 of the opposite contact member, thereby insuring a wide range of adjustment of these parts. In Fig. 1, I have shown a set of these contact plates arranged at A and connected with one of the line wires L of the telephone or electric light line, another set arranged at B having connection with the set A by the wire f, The opposite member of the set A is connected by the wire l' to the opposite member of the set B, a suitable wire l² being led off from the opposite member of the set B to the opposite side of the telephone or electric light apparatus, as will be clearly understood by those versed in the art. There may be as many of these sets as are necessary, each succeeding one being arranged for a lesser denomination of coin, than the preceding one above and each one of the sets may be adjusted according to the amount of toll charged for a certain sub-station. In the door, immediately above the set A, is a coin slot 13 by which the coins are directed to the sets.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined in the appended claim.

Having thus described my invention, what I claim is:

In a device of the class described, a socketed base, a pair of supporting plates secured to the base and each having separate slots arranged over the sockets in the base, substantially Z-shaped coin testing and retaining members, bolts passing through said members to secure the same independently adjustable on the plates, whereby their

lower ends may be held together to form a
restricted opening to permit the passage of
coins of certain denominations and to hold
coins of the proper denominations, ears
5 struck up from the attaching flanges of said
members, and binding screws passing
through said ears to secure the line termi-
nals to said members.

In testimony whereof I have hereunto set
my hand in presence of two subscribing wit- 10
nesses.

ROBERT LEE BOWMAN.

Witnesses:

WILLIAM T. DAVIS,
L. S. ESTES.