No. 860,044. PATENTED JULY 16, 1907.

E. S. MADDOCK.

TELEPHONE ATTACHMENT.

APPLICATION FILED APR. 26, 1906.

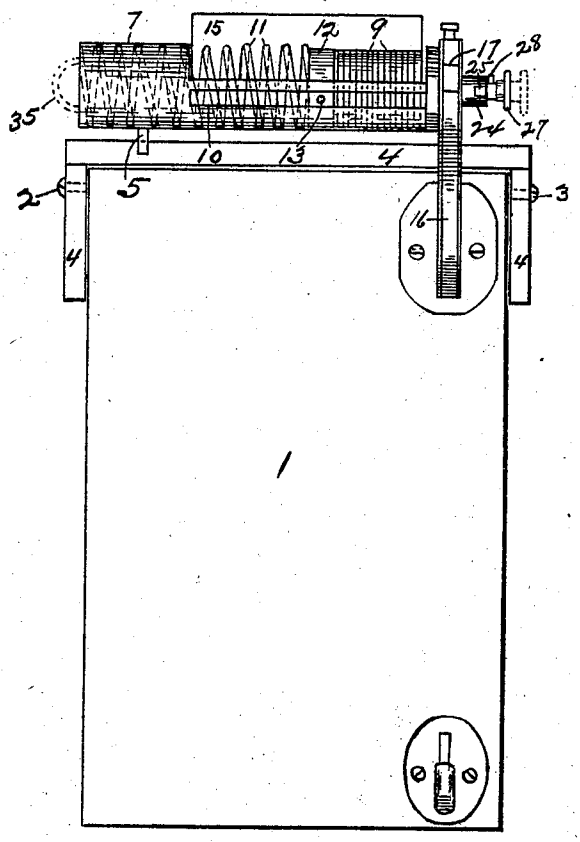


FIG. 1.

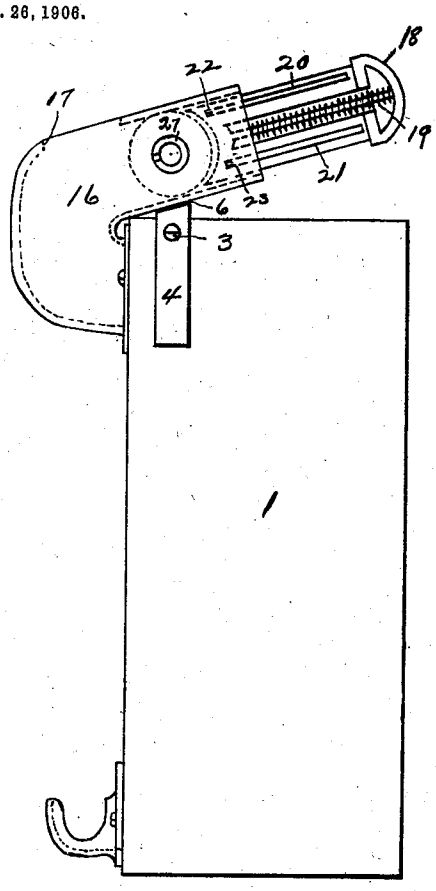


FIG. 2.

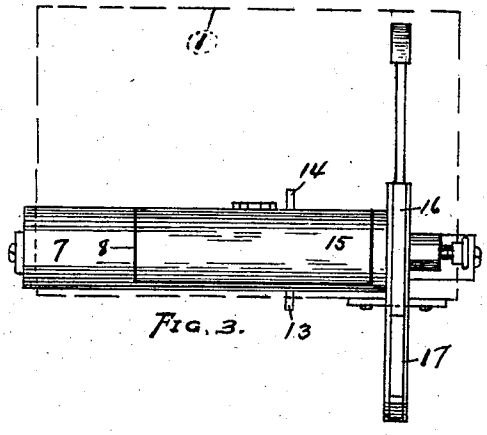


FIG. 3.

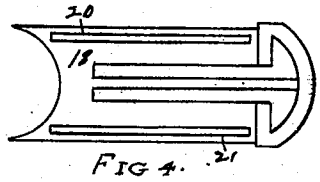


FIG 4.

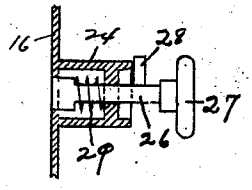


FIG. 5.

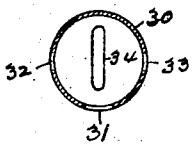


Fig. 6

WITNESSES.

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UNITED STATES PATENT OFFICE.

EDWARD S. MADDOCK, OF CHICAGO, ILLINOIS.

TELEPHONE ATTACHMENT.

No. 860,044. Specification of Letters Patent. Patented July 16, 1907.

Application filed April 26, 1906. Serial No. 313,729.

To all whom it may concern:

Be it known that EDWARD S. MADDOCK, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, has invented certain new and useful Improvements in Telephone Attachments, of which the following is a specification.

My invention relates to improvements in telephone attachments; and the object of my improvements is to provide improved means for holding coins or slugs and for feeding same, one at a time, into the telephone.

In the drawing—Figure 1 is a side elevation view of my invention secured to a telephone box of the style in general use, the lid or closure of the receptacle being open; Fig. 2 a view of the right hand side of Fig. 1 with the lid closed; Fig. 3 a top plan view of my invention detached from the telephone; Fig. 4 a side view on an enlarged scale of a slide forming a part of my invention; Fig. 5 a fragmentary sectional view on an enlarged scale; and Fig. 6 a cross sectional view of a slotted tubular closure, of modified construction, for closing the opening in the coin receptacle.

Referring to the drawing in detail—1 represents the telephone box. Secured to the top of said box by screws 2, 3 is a clamp or frame 4. Mounted on said frame 4 and secured thereto at 5 and 6 is a cylindrical tube 7 for holding coins or slugs 9, and having in its upper side an opening 8 for the insertion of the coins, and provided in its opposite sides with longitudinal slots 10. Arranged in said tube is a coil spring 11 provided at one end with a head 12 for contact with the coins and carrying two pins 13, 14 extending through the slots 10 and adapted to be engaged by the fingers to compress the spring while the tube is being filled with coins or slugs. Hinged to the rear side of the tube 7 is a cover or closure 15 for the opening 8. Secured to one end of the tube 7 is a chute 16 adapted to conduct coins or slugs from the tube 7 into the telephone box through a slot in the latter, and having in its upper edge a slot 17 through which coins may be inserted in the telephone without passing them through the tube 7. Slidably arranged in the upper end of the chute is a slide 18 carrying a coil spring 19, and provided near its edges with two slots 20, 21. Arranged in the upper end of said chute and extending through the slots 20, 21 are two pins 22, 23 adapted to prevent the withdrawal of the slide. Projecting from the side of the said chute is a small tube 24 having a notch 25 formed in its outer end. Slidably arranged in said tube 24 is a plunger 26 having a button or head 27 on its outer end, and carrying a pin 28 adapted to enter said notch 25 or to engage the outer end of the tube 24. Arranged in the tube 24 and surrounding the plunger 26 is a coil spring 29 adapted when the pin 28 enters the notch 25 to cause the inner end of the plunger 26 to yieldingly engage the adjacent coin or slug and to prevent the latter from passing through the chute while the tube 7 is being filled with coins. After the tube 7 has been filled with coins the spring 11 being stronger, than spring 29, pushes the plunger 26 outwardly so the end coin may be pushed into the chute by means of the slide 18.

In the modified construction shown in Fig. 6: 30 represents a cylindrical closure for sliding over the tube 7 for closing the opening 8, and provided with longitudinal slots 31 and 32, 33 to receive the foot 5 and pins 13, 14 respectively, and having in its end a slot 34 to receive a staple on the end of the tube 7 as indicated by the dotted lines 35 in Fig. 1. This form of closure when used may be secured in place by a padlock inserted in the staple 35.

What I claim as new, is—

1. In combination with a telephone box having a slot, a tube for holding coins, said tube being provided in opposite sides with longitudinal slots, a chute connecting one end of the tube with the said slot, a coil spring arranged in said tube and provided at one end with a head for engagement with the coins, said head having pins slidably arranged in and extending through the slots in the tube, and means for passing the coins one at a time from the tube into the chute.

2. In combination with a telephone box having a slot; a tube for holding coins; a coil spring arranged in said tube for engagement with said coins; a chute connecting one end of the tube with the slot in the box; means for passing the coins one at a time through the chute; a small tube having one end secured to the chute opposite the coin holding tube, and provided in its outer end with a notch; a plunger slidably arranged in said small tube, and carrying a pin for engagement with the said notch in the outer end of the small tube, and having its inner end extending through an opening in the wall of the chute for engagement with the adjacent coin.

3. In a coin handling mechanism, a suitable support, a coin holding receptacle, a post connecting the receptacle with the support, means arranged in the receptacle for engagement with the coins, a coil spring arranged in the receptacle and engaging said means, a slidable tube covering said receptacle and having a slot to receive said post, a chute connected with one end of the receptacle, and means for passing the coins one at a time from the receptacle into the chute.

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

EDWARD S. MADDOCK.

Witnesses:
O. K. TREGO,
M. I. KECK.