

G. A. LONG.
COIN CHUTE.
APPLICATION FILED JULY 22, 1912.

1,061,093.

Patented May 6, 1913.

Fig. 1.

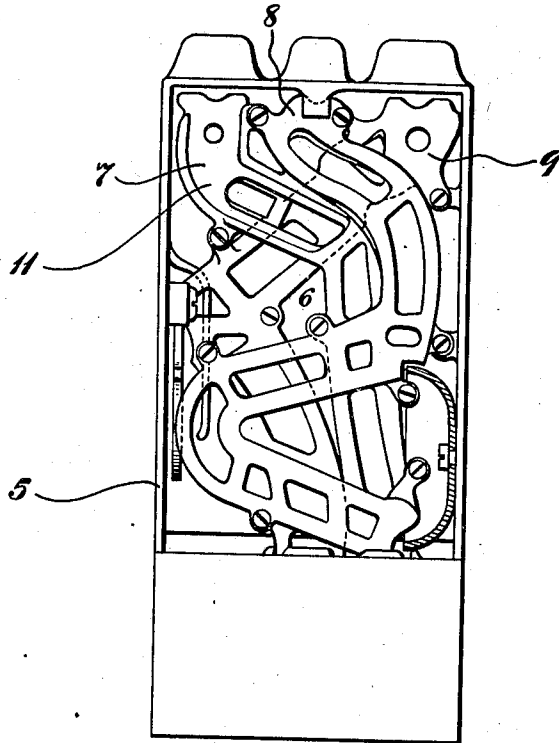


Fig. 2.

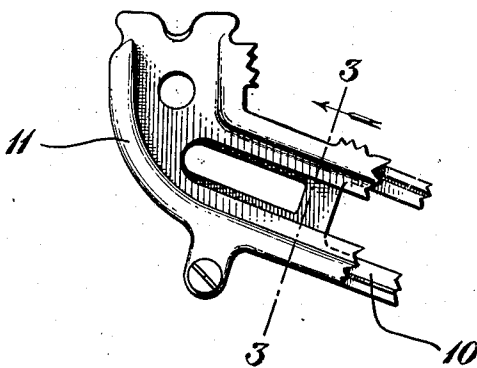
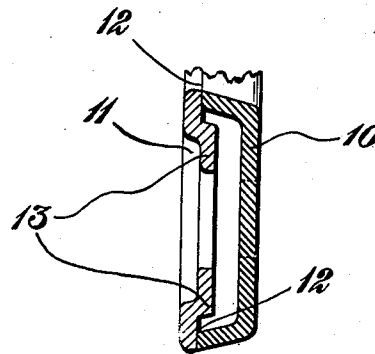


Fig. 3.



Witnesses:

Edgar S. Blair
Eleanor M. Heeney.

Inventor:

Geo. A. Long
By his Attorneys,
Sutherland & Anderson.

UNITED STATES PATENT OFFICE.

GEORGE A. LONG, OF HARTFORD, CONNECTICUT, ASSIGNOR TO THE GRAY TELEPHONE PAY STATION COMPANY, OF HARTFORD, CONNECTICUT. A CORPORATION OF CONNECTICUT.

COIN-CHUTE.

1,061,093.

Specification of Letters Patent.

Patented May 6, 1913.

Application filed July 22, 1912. Serial No. 710,783.

To all whom it may concern:

Be it known that I, GEORGE A. LONG, a citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Coin-Chutes, of which the following is a specification.

This invention relates to coin chutes and while a device involving my invention can be employed with utility in many different connections it is of especial advantage when incorporated in a compound chute such as is used in telephone pay stations.

The primary object of the invention is to provide an article of the kind mentioned, which is simple in construction and which has means for positively preventing a coin from lodging or catching therein between the ends thereof.

The present invention is an improvement on the structure shown in Letters Patent No. 912,389 granted to me February 16, 1909 and to which reference may be had. In said Letters Patent is shown an organization which is highly advantageous under ordinary conditions and which comprises three chutes adapted respectively for receiving and forwarding nickels, dimes and quarters, the present invention being particularly an improvement on the chute which is adapted for the reception and transmission of the nickels. In the nickel chute of said Letters Patent there is a channeled body member and a cover member therefor and when these two parts are assembled there are presented between the same cracks or crevices and in the same a thin coin of small diameter is apt to lodge, this being the case especially with Canadian half dimes, and when this occurs the chute is blocked against the passage of other coins thereby causing considerable trouble and annoyance. By the present invention this trouble is eliminated, the improved chute having means for positively preventing the coins catching in said cracks as they travel down or along the chute in question.

In the drawings accompanying and forming part of the present specification I have shown in detail one of the several forms of embodiment of the invention which to enable those skilled in the art to practice the same will be fully set forth in the following description. I do not restrict myself, how-

ever, to such disclosure: I may depart therefrom in several respects within the scope of the invention defined by the claims following said description.

Referring to said drawings: Figure 1 is an elevation of a telephone pay station equipped with a compound chute embodying my invention. Fig. 2 is a detail view of a portion of the nickel chute, and, Fig. 3 is a cross section on the line 3-3 of Fig. 2.

Like characters refer to like parts throughout the several views.

In Fig. 1 of the drawings I have shown the casing of a telephone pay station the same being denoted by 5 and inclosing in its upper part, the compound chute 6 which comprises the chutes 7, 8 and 9 adapted respectively to receive and forward nickels, dimes and quarters which coins after the usual custom, sound signals at predetermined points in their travel along the several chutes, said signals being as usual of different character.

As will be understood from the observations already made my invention resides in the nickel chute 7, which comprises a channeled body member 10 and a cover member 11 fitted thereto and which are held in assembled relation in the manner shown by said prior Letters Patent or in any other suitable way. Where the cover member 11 engages against the side walls of the channeled body member 10 there are presented cracks or crevices 12 which while very narrow have still been found in practice, sufficiently wide to present a lodgment for coins and tokens of small diameter and very thin. Of course such a thing as an American quarter, a nickel or even a dime lodging in such cracks is practically impossible; the Canadian half-dime, however, will and actually has and it is to prevent this particular condition that the invention was devised. The result desired can be accomplished in any desirable manner, although it is best secured by companion fins or beads 13 extending in parallelism along the inner face of the cover member 11 and covering or overlying the cracks or crevices 12. While said fins or beads may be of any desirable extent they are preferably coextensive with the chute 7. While it is conceivable that in some cases but a single fin or bead or its equivalent might be provided, I prefer to duplicate the same owing to the

irregular formation of the chute 7. Were said chute 7 straight a single bead, fin or analogous part would attain the end in view. It will be clear that the inwardly extending beads or fins 13 bridge or extend across the cracks or crevices 12 an extent sufficient to effectually prevent a coin from entering and thereby lodging in said cracks or crevices.

10 What I claim is:

1. A coin chute comprising a channeled body member, and a cover member fitted against the sides of said channeled body member, having inwardly projecting fins extending across the cracks between said body and cover member substantially from end to end of the chute.

15 2. A coin chute comprising a channeled body member, and a cover member fitted

against the sides of said channeled body member having inwardly projecting integral fins extending across the cracks between said body and cover members for approximately the complete length of the chute.

3. An irregular coin chute comprising a channeled body member, and a cover member fitted against the sides of said body member, having inwardly extending rigid fins projecting across the cracks between said body and cover members for approximately the entire length of the chute.

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

GEORGE A. LONG.

Witnesses:

EDGAR S. BLAIR,

ELEANOR M. HEENEY.