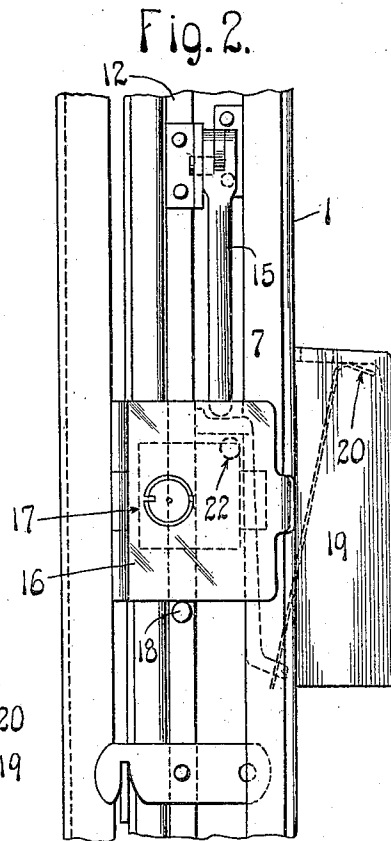
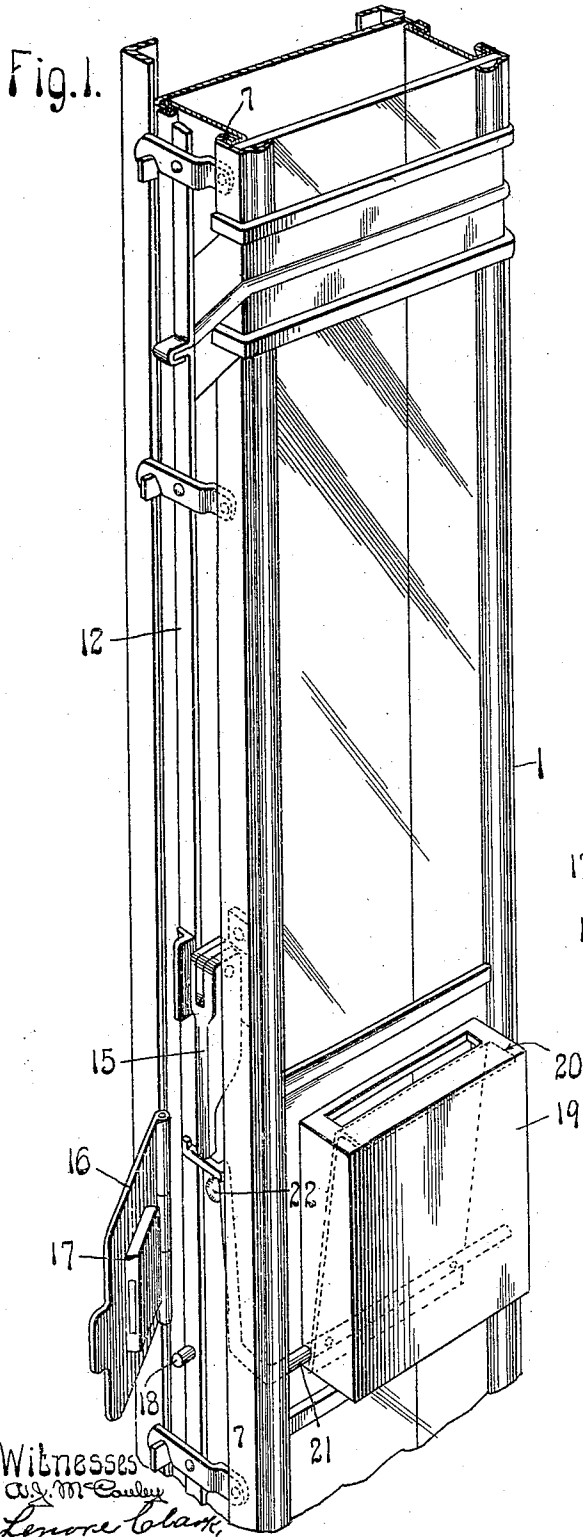


L. EHRLICH.
 MAIL CHUTE.
 APPLICATION FILED FEB. 2, 1909.

938,416.

Patented Oct. 26, 1909.



Inventor:
 Leo Ehrlich
 by *F. R. Cornwall*
 Atty.

UNITED STATES PATENT OFFICE.

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MAIL-CHUTE.

938,416.

Specification of Letters Patent.

Patented Oct. 26, 1909.

Original application filed August 10, 1907, Serial No. 388,008. Divided and this application filed February 2, 1909. Serial No. 475,684.

To all whom it may concern:

Be it known that I, LEO EHRLICH, a citizen of the United States, residing at St. Louis, Missouri, have invented a certain new and useful Improvement in Mail-Chutes, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a detail view illustrating a mail chute to which my improved closure has been applied; Fig. 2 is a side elevational view illustrating said closure.

This invention relates to new and useful improvements in closures for the apertures of mail chutes, the object being to provide the closure with an extension extending to the exterior of chute whereby said extension may be locked in different positions and the closure locked in its open or closed position.

In the drawings, 1 indicates the section of a mail chute, a portion of which is designed to be swung laterally on hinges, the movable part being secured home by a locking bar 12. This bar 12 is operated by a lever 15 whose lower end is locked against movement when the chute section is closed, by a hinged plate 16 carrying a lock 17, the bolt of which is designed to be thrown behind the flange 7 on the forward edge of the chute section. When lever 15 is down, the plate 16 covers the end thereof and prevents the operation of said lever, and also coöperates with a pin 18 on the bar 12, whereby when said plate 16 is locked in its closed position the lever 15 cannot be operated nor can the bar 12 be moved vertically.

19 is a housing whose upper wall contains a mail-receiving aperture, and 20 is a closure for said aperture, said closure being mounted on a rock shaft 21 as shown in Fig. 1. The end of rock shaft 21 is bent in the form of a crank whose end coöperates with a projection in the side wall of the chute so that the crank end of the rock shaft 21 may be sprung on one side or the other of said rivet head for the purpose of holding the closure for the mail-receiving aperture in open or closed position, as the case may be. When the plate 16 is closed, of course it is impossible to operate the crank end of the rock

shaft 21 and spring it over the projection 22, and thus if the plate 20 is open or closed it cannot be moved until the plate 16 is opened.

From the above description it will be observed that only a person authorized to open the chute, to wit, one having a key to lock 17, can get access to the lever 15 and the crank extension of the shaft 21. When the plate 16 is locked home, not only is the lever 15 locked, but the crank extension of shaft 21 is also locked, with the closure open or closed as the case may be. Thus, unauthorized persons cannot tamper with the closure 20 to move it.

This application is a division of an application filed by me August 10th, 1907, Serial No. 388,008.

Having thus described my invention, what I claim is:

1. In a mail chute, the combination with a closure for the mail-receiving aperture, of an extension projecting outside of the chute, and means coöperating with said extension to hold the closure in different positions.

2. In a mail chute, a closure for the mail-receiving aperture, an extension therefrom, and means arranged externally the chute for coöperating with said extension for holding it in different positions.

3. In a mail chute, a closure for the mail-receiving aperture, said closure having a crank extension, and means on the outside of the mail chute for coöperating with said crank extension for holding it in different positions.

4. In a mail chute, a closure for the mail-receiving aperture, an extension from said closure, means arranged externally the chute for coöperating with said extension, and a lock for locking the said extension in its different positions.

5. The combination with a mail chute having a mail-receiving aperture, of a plate for closing said aperture, a rock shaft on which said plate is mounted, crank extension on said rock shaft, and a projection over which said crank extension may be moved; substantially as described.

6. The combination with a mail chute having a mail-receiving aperture, a closure for said mail-receiving aperture, a rock shaft on which said closure is mounted, a crank extension on said rock shaft, a projection over

which said crank extension may be swung to hold said closure in an open or closed position, and a locking plate cooperating with said crank extension to prevent movement
5 thereof when said plate is locked; substantially as described.

In testimony whereof I hereunto affix my

signature in the presence of two witnesses, this 30th day of January, 1909.

LEO EHRLICH.

Witnesses:

F. R. CORNWALL,
LENORE CLARK.