

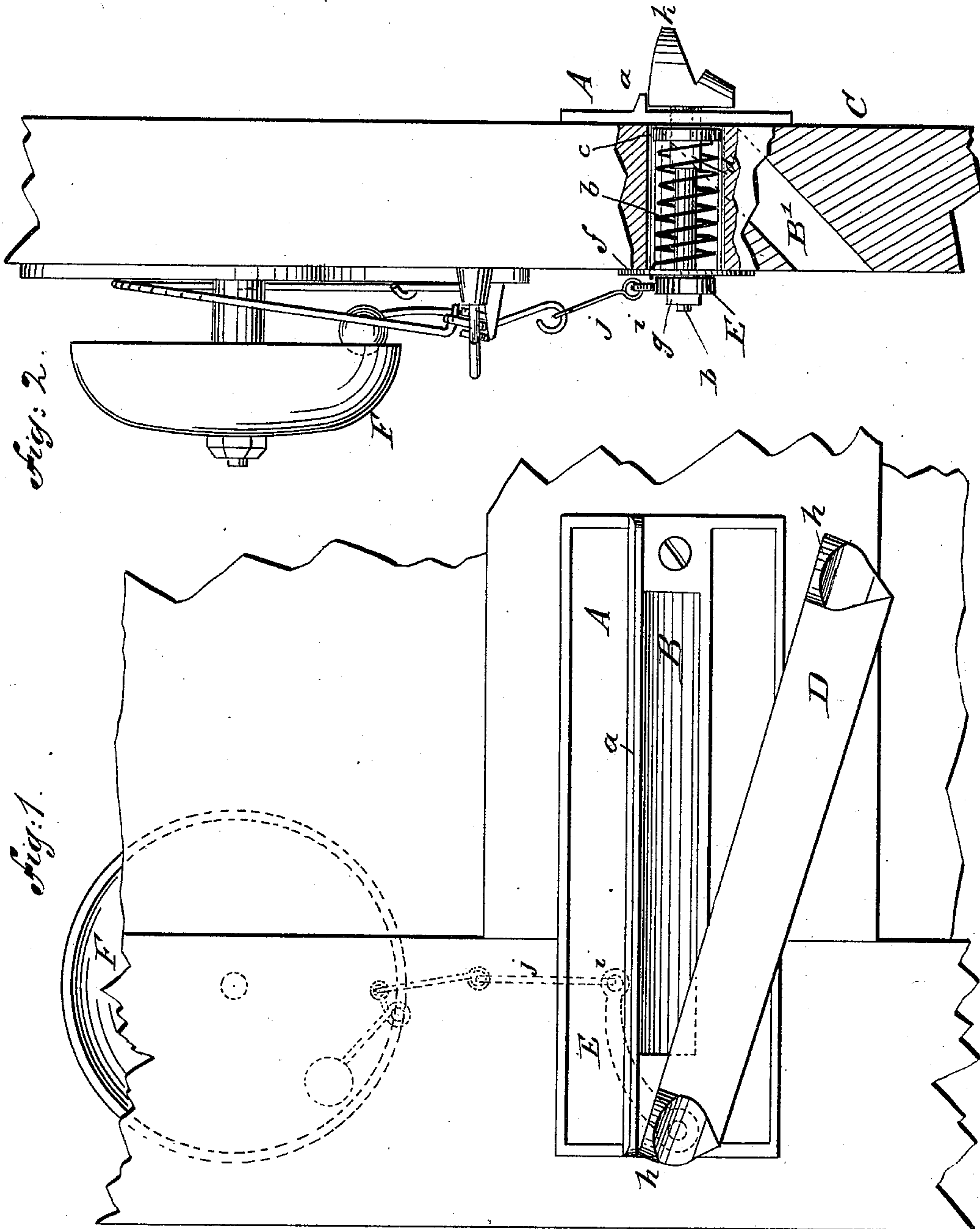
(No Model.)

M. A. McGLINN.

COMBINED DOOR PLATE, BELL PULL, AND MAIL RECEIVER.

No. 354,646.

Patented Dec. 21, 1886.



WITNESSES:

Chas. Nida.
C. Sedgwick

INVENTOR:

M. A. McGlinn

BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

MICHAEL A. McGLINN, OF LANCASTER, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND S. W. GRAYBILL, OF SAME PLACE.

COMBINED DOOR-PLATE, BELL-PULL, AND MAIL-RECEIVER.

SPECIFICATION forming part of Letters Patent No. 354,646, dated December 21, 1886.

Application filed May 25, 1886. Serial No. 203,220. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL ANTHONY McGLINN, of Lancaster, in the county of Lancaster and State of Pennsylvania, have invented a new and Improved Combined Door-Plate, Bell-Pull, and Mail-Receiver, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a front elevation. Fig. 2 is a side elevation, partly in section.

Similar letters of reference indicate corresponding parts in both figures of the drawings.

The object of my invention is to provide a device which will serve as an ordinary door-plate, as a movable cover for the usual mail-receiving aperture in the door, and as a means for operating the door-bell.

My invention consists in a plate having an oblong aperture corresponding with the mail-receiving aperture in the door, and provided with a pivoted spring-actuated cover-plate for covering the aperture of the base-plate and for operating the door-bell.

The base-plate A is provided with an oblong aperture, B, which corresponds in width and length with the mail-receiving aperture B' in the door C. Above the aperture B is formed a ledge, *a*, extending the entire length of the plate. In an aperture formed in one end of the plate A, opposite the end of the slot B, is received a stud, *b*, projecting from the back of the cover-plate D. The stud *b* beyond the plate A is squared to receive a collar, *c*, to which is secured a spiral spring, *d*, which surrounds the stud *b*, and is attached to a plate, *f*, secured to the opposite side of the door. The stud *b* is rounded where it passes through the plate *f*, and is afterward squared to receive the apertured end of the arm E, which is secured on the stud *b* by a nut, *g*, turned on the threaded end of the stud.

The free end of the cover-plate D is provided with a thumb-piece, *h*, and to render the plate symmetrical a similar piece is placed on the opposite end of the plate. The spiral spring *d* is under continual strain, and tends to keep the cover-plate D over the aperture B and in contact with the ledge *a*.

The free end of the arm E is provided with an eye, *i*, which is connected by a wire, *j*, with any suitable door-bell. In the present case I have connected it with an ordinary double-stroke bell, F, which is in common use, and therefore needs no special description. I may connect the arm E with a door-bell of any other form, or I may arrange it to open and close an electric circuit for an electric bell.

The mail-receiving aperture B is opened by pressing down the cover-plate D, and the bell is rung by simply releasing the cover-plate, allowing it to fall back under the stress of the spring *d*. The ledge *a* effectually prevents the entrance of rain or dust between the cover-plate and the base-plate.

A name or number may be placed on the cover-plate D in the usual way.

I am aware that it is not new to connect a bell with the hinged cover of a mail-receiving aperture; therefore I do not broadly claim this feature.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the base-plate A, provided with the ledge *a*, of the cover-plate D, having the thumb-piece *h* and stud *b*, and arranged to swing in a vertical plane, the collar *c*, secured on the stud, the spring *d*, attached to the collar, and the plate *f*, secured to the door and receiving the end of the spring *d*, substantially as herein shown and described.

2. The combination, with the base-plate A, provided with the ledge *a*, of the cover-plate D, having the thumb-piece *h* and stud *b*, and arranged to swing in a vertical plane, the collar *c*, secured on the stud, the spring *d*, attached to the collar, the plate *f*, secured to the door and receiving the end of the spring *d*, the bell-operating arm E, secured to the end of the stud *b*, and the bell F, having its striking-arm connected to the arm E and arranged to be rung by the swinging of the plate, substantially as shown and described.

M. A. McGLINN.

Witnesses:

J. W. BAUSMAN,
D. E. BITNER.