

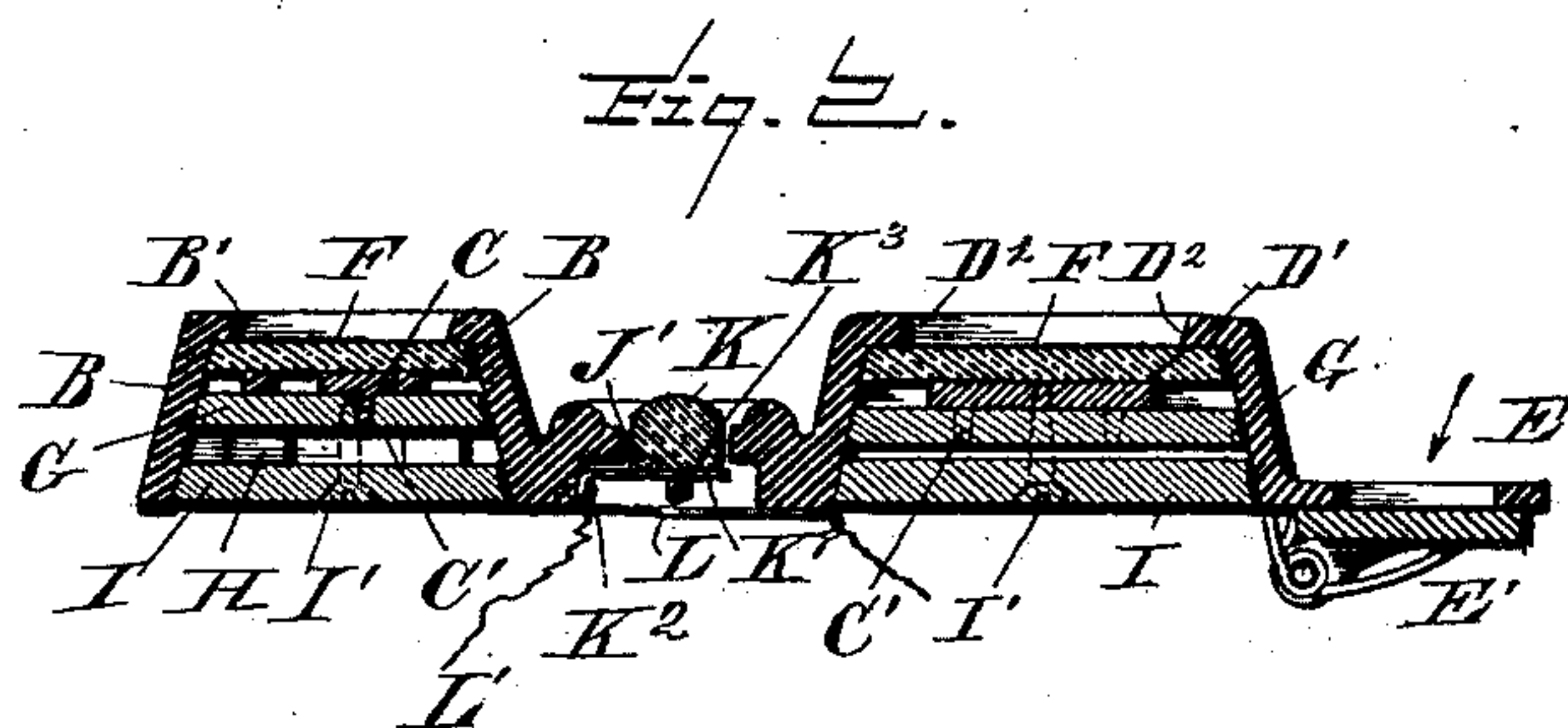
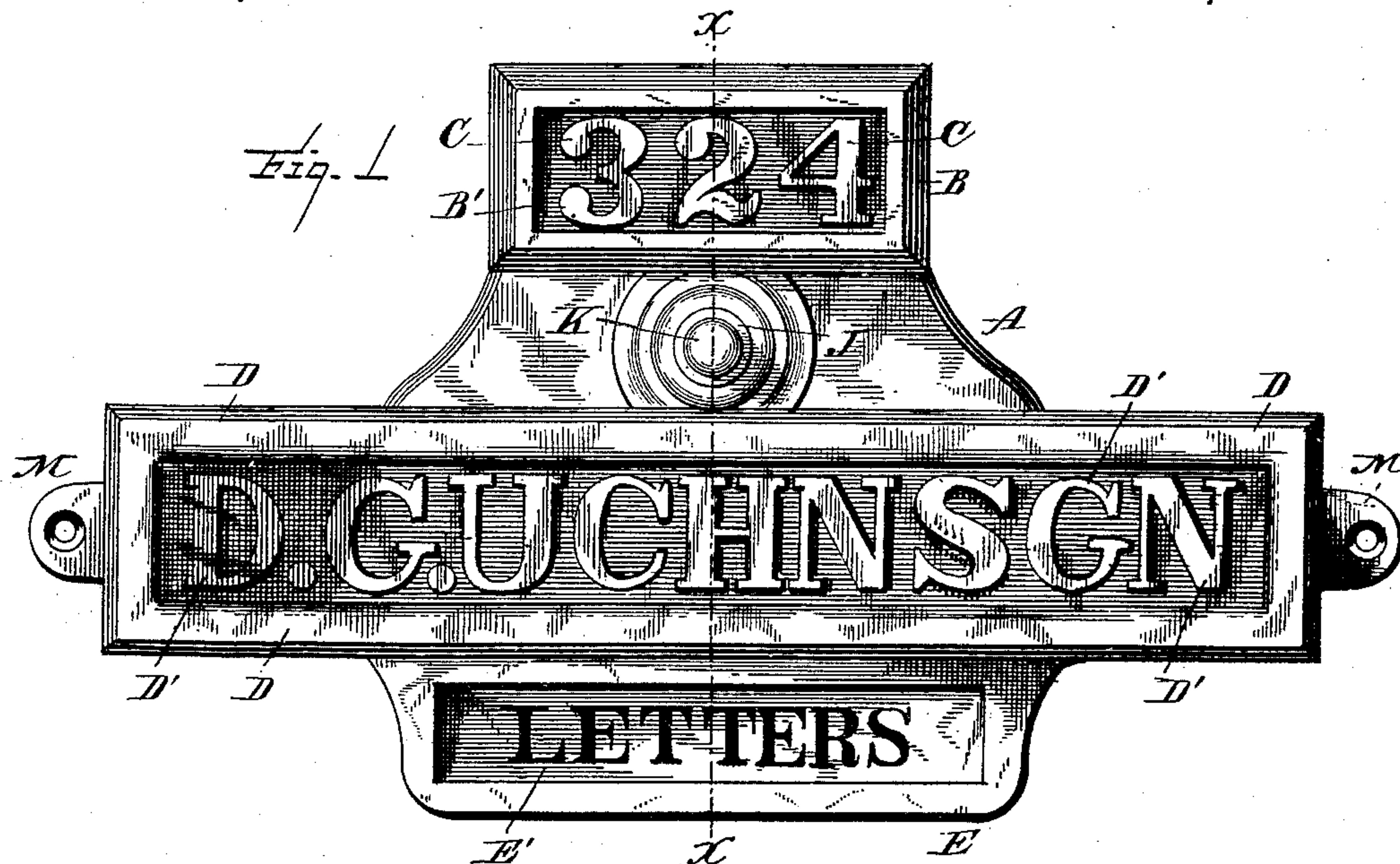
(No Model.)

D. C. JOHNSON & W. A. MOSHER.

DOOR PLATE.

No. 354,195.

Patented Dec. 14, 1886.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

DEWITT C. JOHNSON AND WILLIAM A. MOSHER, OF LOCK HAVEN, PA.

## DOOR-PLATE.

SPECIFICATION forming part of Letters Patent No. 354,195, dated December 14, 1886.

Application filed March 8, 1886. Serial No. 194,413. (No model.)

*To all whom it may concern:*

Be it known that we, DEWITT C. JOHNSON and WILLIAM A. MOSHER, citizens of the United States, residing at Lock Haven, in the county of Clinton, State of Pennsylvania, have invented certain new and useful Improvements in Door-Plates, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has relation to door-plates, and has reference to that class which are provided with interchangeable numbers and names, and devices for supporting and exhibiting the same, and with means for receiving mail-matter—such as letters and papers—and for the connection and support of an electrical push-button or bell-pull; and the invention consists in certain features of construction hereinafter described, and particularly pointed out in the claims.

Referring to the drawings, Figure 1 represents a front elevation, and Fig. 2 a vertical section on the line *x* of Fig. 1, of a door-plate constructed in accordance with our invention.

Like letters of reference refer to like parts in both the figures of the drawings.

A represents a base-plate, which is cast as one piece, comprising a raised frame-work, B, in which are arranged figures C, indicating the street-number of a house, and a raised frame-work, D, in which are arranged letters D', indicating the name of the occupant of the house, and an opening, E, over which an internal flap, E', is arranged for the purpose of receiving mail-matter.

The frame-works B and D are provided with raised flanges B' D<sup>2</sup>, against which a glass plate, F, is arranged. Beneath the glass plate F is a plate, G, to which the letters C are secured by lugs or screws C', formed on the back of each of the letters or figures. Back of this letter-bearing plate there may be arranged rubber or other blocks H, and behind these is secured the back plate, I, by means of screws I', passing through the same and into the end wall of the frame D or B. By these two frames an annular recess, J, is formed in the plate A, which recess is perforated, as at J', for the reception of a push-button, K, which is mounted

on a spring, K', secured, as at K<sup>2</sup>, to the base-plate K<sup>3</sup>, at which point one line, L, of an electric circuit is secured. The push-button K is provided with the usual contact-point, which is adapted to be brought into contact with a plate, L', constituting the anode of an electrically-opposite line of a circuit. The base A is also provided with attaching-lugs M, whereby the entire device may be secured to a door or wall, which is provided, as usual, with an opening communicating with the opening E, for the reception of mail-matter.

It is of course understood that the push-button and the plate K<sup>3</sup> should be insulated from the cast-metal base-plate A for electrical purposes.

By constructing the number and name plates separately from the remaining parts, and by securing each of the letters independently thereof, and beneath glass, and by closely confining these parts within a tight frame-work, the number and name may be changed as desired, and when changed and secured in position they are protected from the weather, so that said number and name do not become tarnished by exposure or by reason of dirt and dust collecting within the case.

Having thus fully described our invention and its operation, what we claim is—

1. The plate A, provided with the raised portions or frames B D, forming the intermediate annular recess, J, having opening J', adapted to receive a push-button or bell-pull, and having the attaching-lugs M, and opening E, the whole cast in a single piece, substantially as specified.

2. The combination, with the plate A, consisting of the raised frames B D, having flanges B' D<sup>2</sup>, of the glass F, the removable letters D', separately secured in the plate G, mounted in the frames, and the backing I, secured to the frame, substantially as specified.

3. The combination, with the base A, comprising the frames B and D formed therein, and the opening E at the top thereof, said opening being provided with a flap, E', and the apertured recess J', formed between the frames, of the glass F, letters C D, separately connected to the plates G and arranged within the frames,

and the backing I, separately secured to the frames, substantially as specified.

4. The combination of the plate A, having the frames B and D formed therein, and an  
5 annular perforated recess, J, formed between the frames and having a push-button, K, within the recess and mounted upon the spring K', secured to the frame, as at K<sup>2</sup>, and the plate K<sup>3</sup>, substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

DEWITT C. JOHNSON.  
WILLIAM A. MOSHER.

Witnesses:

H. A. CHILDS,  
R. S. BARKER.