

(No Model.)

W. H. TAYLOR.
POST OFFICE LOCK BOX.

No. 284,988.

Patented Sept. 11, 1883.

Fig. 3.

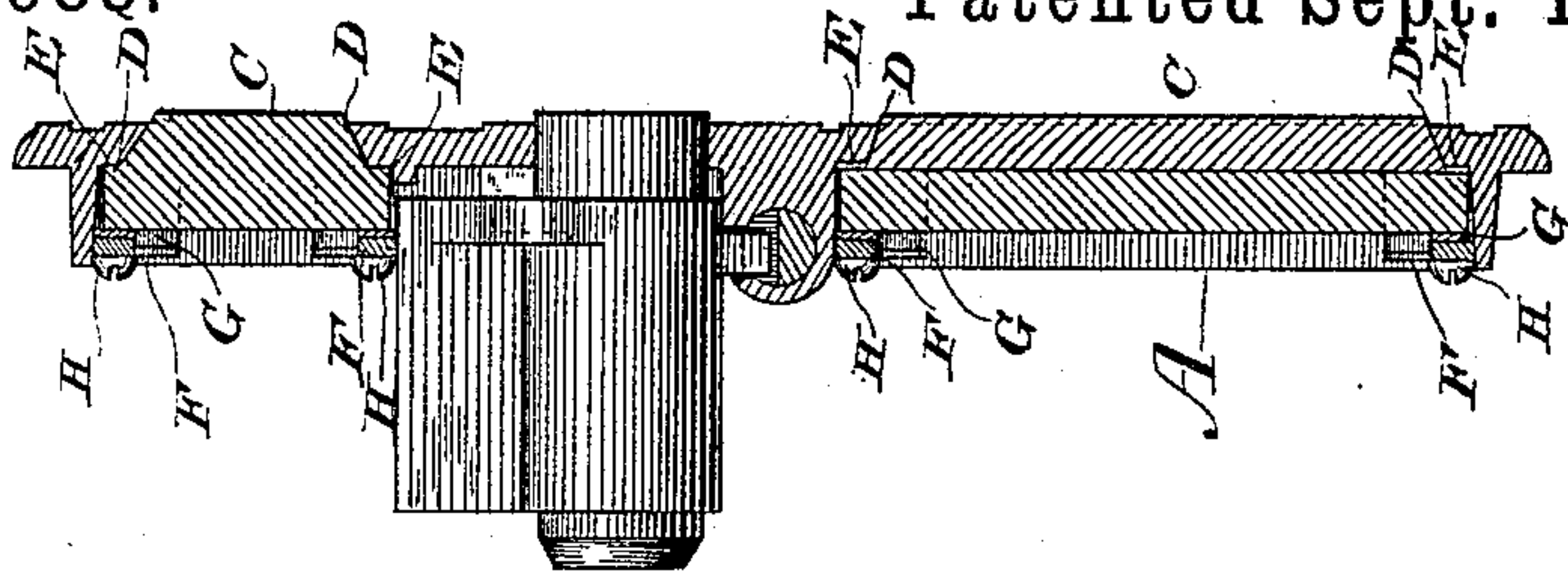


Fig. 2.

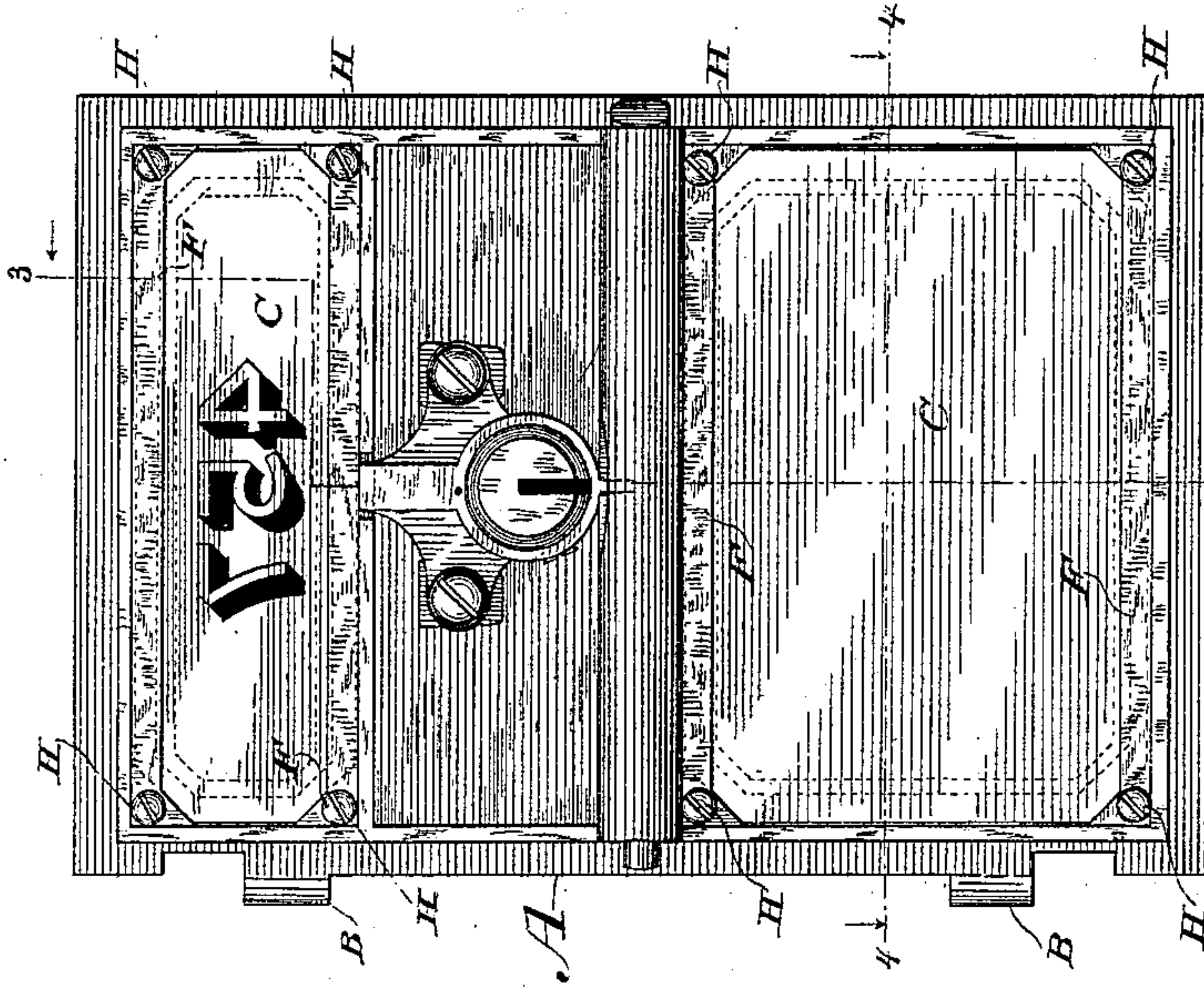


Fig. 4.

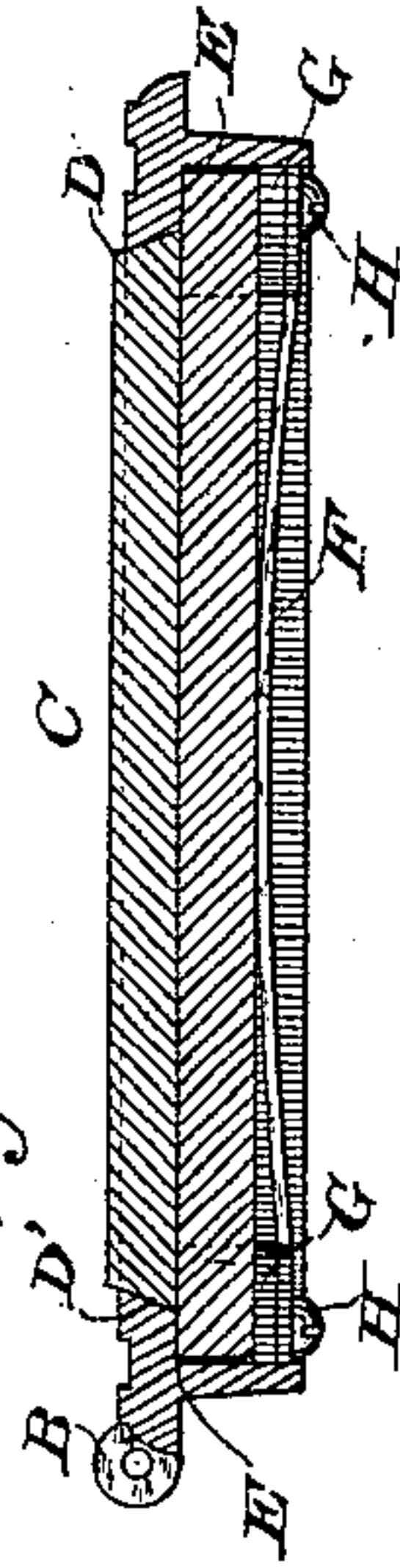
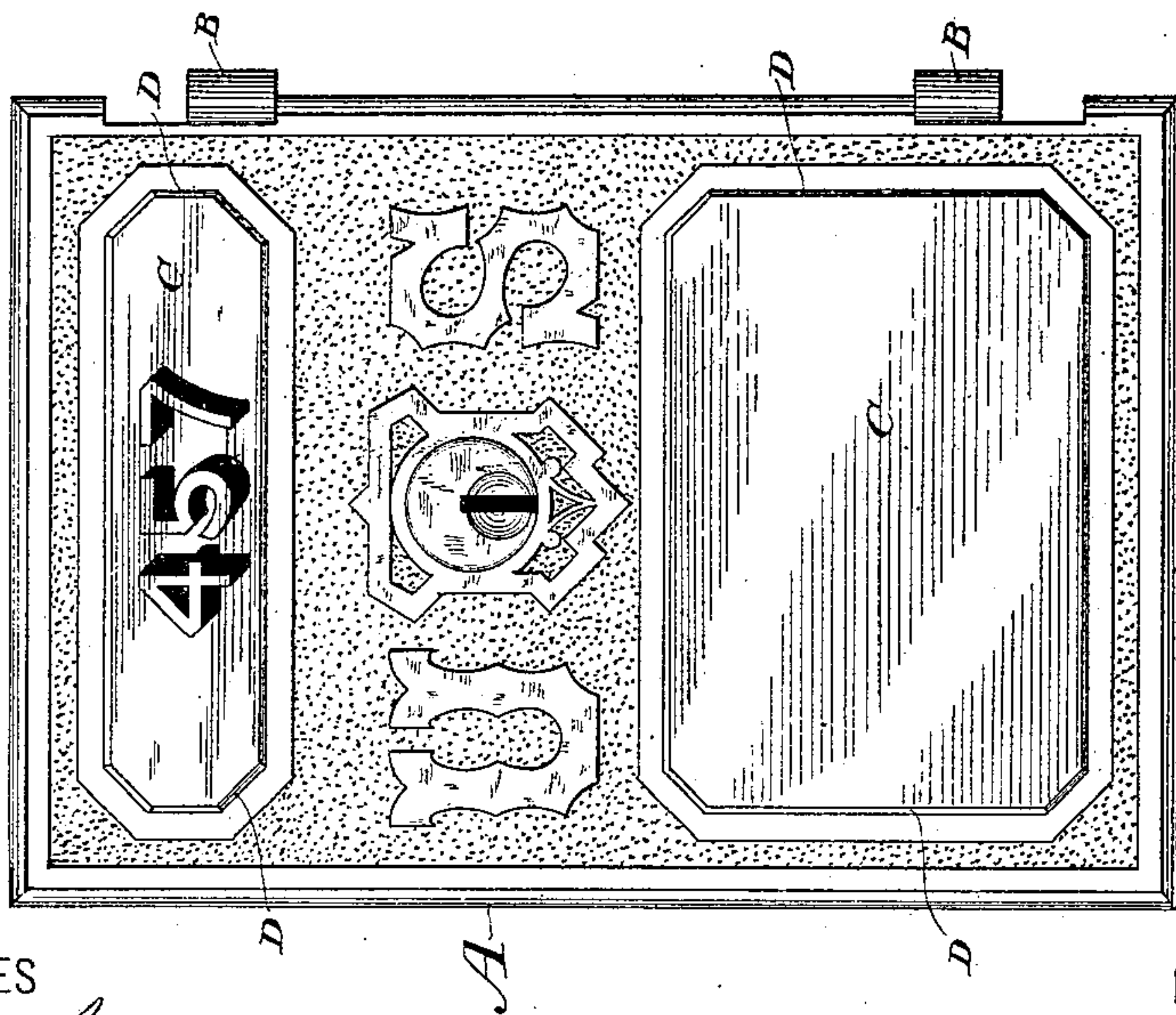


Fig. 1.



WITNESSES

Wm A. Skink...
Wm Messer.

INVENTOR

By his Attorneys *Warren H. Taylor*
Baldwin, Hopkins & Peyton.

UNITED STATES PATENT OFFICE.

WARREN H. TAYLOR, OF STAMFORD, CONNECTICUT, ASSIGNOR TO THE
YALE & TOWNE MANUFACTURING COMPANY, OF SAME PLACE.

POST-OFFICE LOCK-BOX.

SPECIFICATION forming part of Letters Patent No. 284,988, dated September 11, 1883.

Application filed April 3, 1883. (No model.)

To all whom it may concern:

Be it known that I, WARREN H. TAYLOR, of Stamford, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements Applicable to Post-Office Lock-Boxes and to other Devices, of which the following is a specification, reference being had to the accompanying drawings.

The object of my invention is to make a post-office lock-box which shall be more convenient for the public and for the officials of the Post-Office Department, while at the same time it presents an improved appearance and has several improvements in its construction. It has been found desirable that all light possible should be admitted to the inside of a post-office lock-box, while at the same time the contents must be kept sufficiently secure. These results have been sought to be accomplished in various ways, among others by the use of glass, in front of which is a metal grating, and by the use of a glass so thick as not to be readily broken, or at least so as not to be broken without attracting the attention of the officials. In both these methods of construction, heretofore commonly used, the frame has projected beyond the glass, so that dust has collected around the edges of the frame or the grating and rendered the cleaning of the glass somewhat difficult. To obviate these difficulties I have devised an improved glass and frame which retain all the advantages of light and security, while at the same time the glass, being flush with or projecting beyond the front side of the frame, can readily be wiped off and present no place between the glass and frame on which dust can collect. I have also devised improvements for so fastening the glass into the frame as to hold the glass securely against rattling, while at the same time there is sufficient elasticity to prevent the slamming of the door from breaking the glass.

In the accompanying drawings, Figure 1 is a front elevation of a glazed door of a post-office lock-box. Fig. 2 is a rear elevation of the same. Fig. 3 is a section on the line 3 3 of Fig. 2, and Fig. 4 is a section on the line 4 4 of Fig. 2.

Referring to the letters upon the drawings,

A indicates a post-office lock-box door, B its hinges, and C the glasses in the door.

In constructing my improved box I preferably use a single glass (see the upper glass in Fig. 3) with a beveled panel, as at D, and a flat ledge, as at D', so that the beveled panel may project beyond the face of the door in which the glass is inserted, and the flat ledge rest against or nearly against the inside of the door E. I may, however, use two glasses, the front one beveled and the rear one flat. (See the lower glass in Fig. 3.)

In order to hold the glass or glasses firmly in place and prevent rattling and breaking of the glass by slamming the door, I employ bow-shaped springs F, which may be screwed down at their ends, so as to bear upon the glass, as illustrated. Corner lugs, G, serve to receive the male screws H of the springs; but these lugs, although convenient, especially in post-office lock-boxes, are not essential in all situations.

Having thus described my improvements, what I claim, and desire to secure by Letters Patent of the United States, is—

1. As an improvement in post-office lock-boxes, a door provided with an opening the edges of which are beveled, in combination with a glass provided with a raised beveled panel and a ledge surrounding said panel, said ledge fitting against the back of the door, and the beveled panel fitting snugly in the beveled openings, so as to be flush with or extend beyond the surface of the panel of the door, substantially as described.

2. The combination, in a post-office lock-box, of the glass, the frame, and the narrow bow-shaped springs removably secured to the corners of the frame and arranged to press against the edges of the glass, as set forth.

3. The combination, substantially as hereinbefore set forth, of the frame provided with corner lugs, G, the glass, and the bow-shaped springs removably secured to said lugs.

In testimony whereof I have hereunto subscribed my name this 30th day of March, A. D. 1883.

WARREN H. TAYLOR.

Witnesses:

SCHUYLER MERRITT,
GEO. E. WHITE.