

W. H. Taylor
Post Office Box.
N^o 112,193. Patented Feb. 28, 1871.

FIG-1

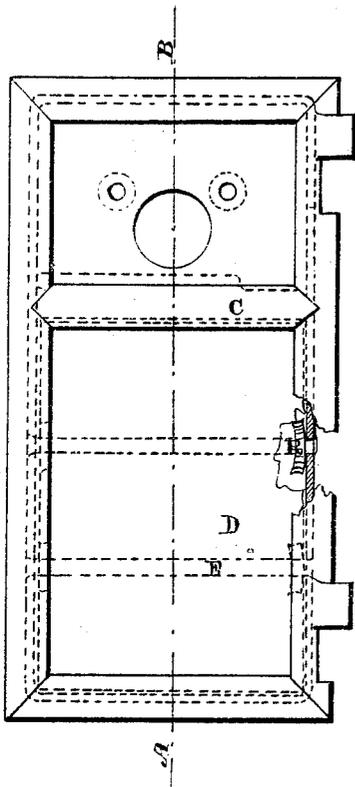


FIG-2



FIG-3



Witnesses.

Allan W. Richards.
George T. Underhill.

Inventor.

W. H. Taylor

UNITED STATES PATENT OFFICE.

WARREN H. TAYLOR, OF STAMFORD, CONNECTICUT.

IMPROVEMENT IN FLEXIBLE FASTENINGS FOR GLASS.

Specification forming part of Letters Patent No. **112,193**, dated February 23, 1871.

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 a new and useful Method of Fastening Glass in Metallic Doors and Windows; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, making a part of this specification.

My invention has reference more particularly to the metallic doors in use upon post-office lock-boxes, one of which is represented in the annexed drawing, in which—

Figure 1 is a front elevation; Fig. 2, a vertical section on line A B, and Fig. 3 a plan and elevation of flexible disk.

Similar letters of reference indicate corresponding parts.

The door is provided with a suitable flange surrounding the space which it is desired to close with glass, and against this flange, from the rear or inside, is placed the glass, of suitable size, as shown in drawing. Two or more wires are then riveted into the door-frame behind the glass, and these wires are encircled by disks of india-rubber, leather, or other flexible material, of such dimensions that one side of their peripheries presses against the back

or inner side of the glass, and thus holds it with a constant pressure against the before-mentioned flange.

The advantages secured by this arrangement are simplicity, cheapness, convenience of adjustment in glazing, and great security against breakage of the glass, experience having demonstrated that when the glass is thus secured the door may be subjected to almost any amount of concussion without injury to the glass; whereas when the glass is secured by wires or other rigid fastenings, a comparatively slight jarring of the door is often sufficient to break the glass.

A further advantage in the use of my flexible fastening consists in the fact that by means of it all rattling of the glasses is effectually prevented.

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

The combination of the guard-wires E E and flexible washers R R with a suitably-formed metallic door or window, substantially as and for the purposes hereinbefore described.

W. H. TAYLOR.

Witnesses:

W. C. STROBRIDGE, Jr.,
SAML. FESSENDEN.