

J. S. R. WRIGHT.
Bolts for Doors, &c.

No. 137,994.

Patented April 15, 1873.

Fig. 1.

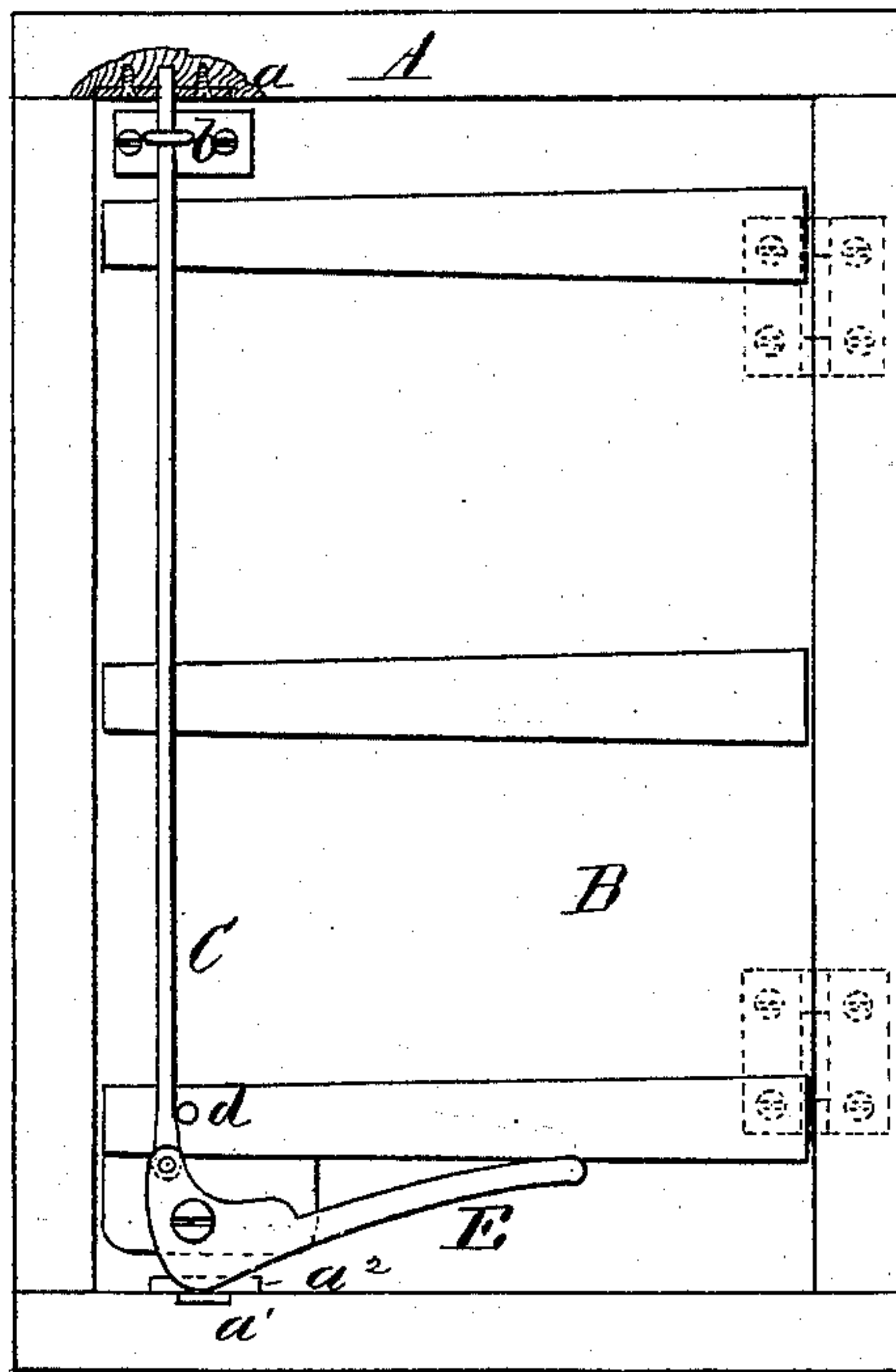
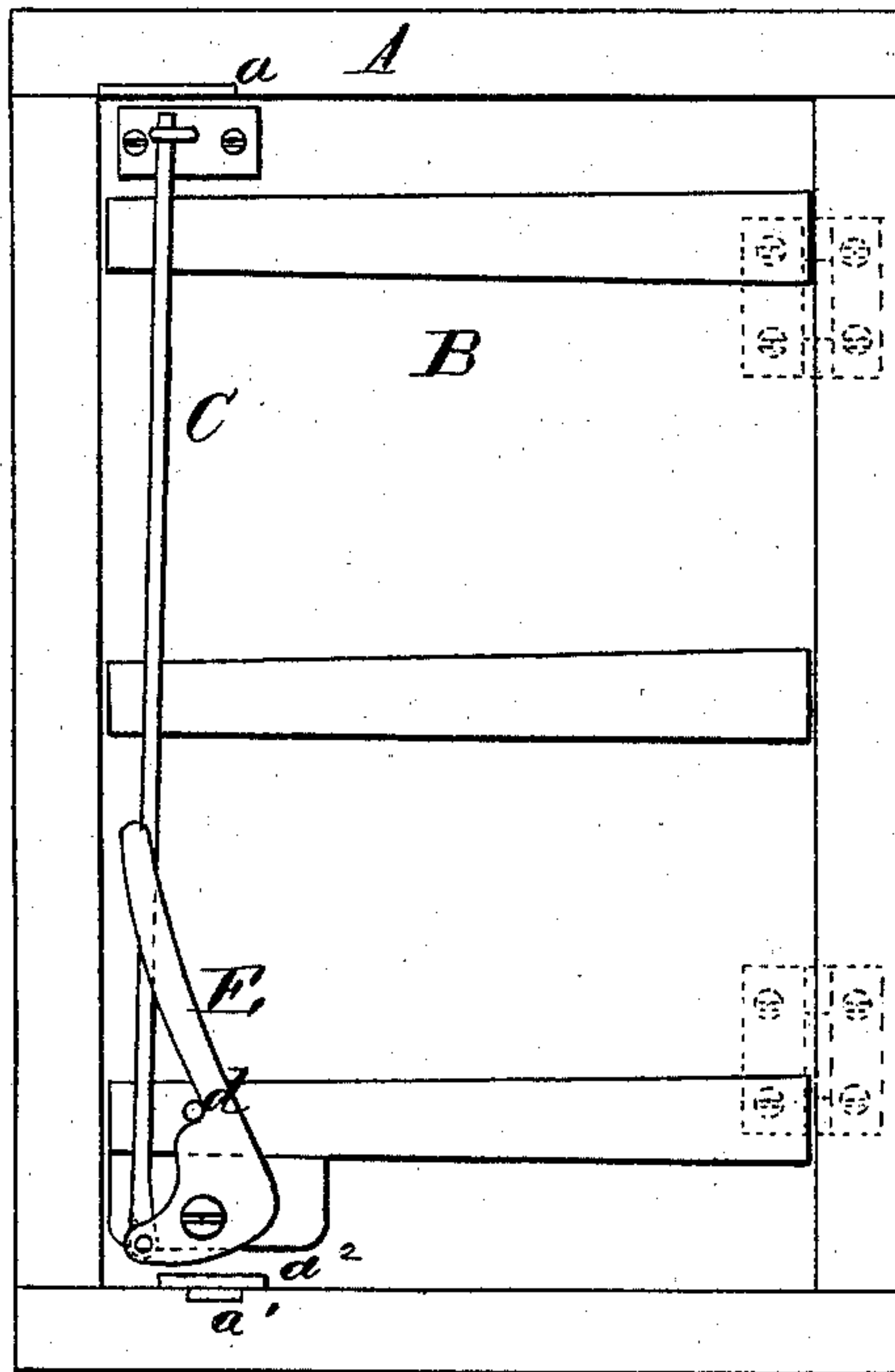


Fig. 2.



Witnesses:
E. A. Bates.
G. E. Upham.

Inventor:
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UNITED STATES PATENT OFFICE

JOHN S. R. WRIGHT, OF NICHOLS, NEW YORK.

IMPROVEMENT IN BOLTS FOR DOORS, &c.

Specification forming part of Letters Patent No. **137,994**, dated April 15, 1873; application filed October 19, 1872.

To all whom it may concern:

Be it known that I, JOHN S. R. WRIGHT, of Nichols, in the county of Tioga and State of New York, have invented a new and valuable Improvement in Combined Support and Fastening for Doors; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of an inside view of my invention. Fig. 2 is a view of the same broken away to show its operation.

This invention has relation to a combined door-fastening and door-support; and it consists in the construction and novel arrangement of an eccentric lever, a catch or flanged plate to hold the same when the door is closed; and it also consists in the combination, with said eccentric lever, of a vertical bolt, all substantially as hereinafter more fully described.

A in the drawing designates the door frame or jamb, having secured to the top a perforated plate, *a*, and to the bottom a flanged plate, *a'*. B designates the door; C, a vertical bolt passing through a staple, *b*, attached

to the door, and pivoted at its lower end to an eccentric or cam lever, E, which is pivoted to the door near the bottom.

When the lever-handle is lowered, the door being closed, the bolt is projected into the hole in the plate *a*, thus securing the door at the top. At the same time the elbow of the lever is pressed against the plate *a'*, thereby causing the strain on the hinges to be relieved, and preventing the door from sagging. The flange *a''* of plate *a'* secures the door against being pried open at the bottom. A pin, *d*, limits the movement of the lever when raised.

These improvements are intended especially for heavy doors.

What I claim as new, and desire to secure by Letters Patent, is—

1. The vertical bolt C and eccentric elbow-lever E attached to the door B, substantially as specified.

2. The flanged plate *a'*, in combination with the eccentric elbow-lever E, door B, frame A, and bolt C, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN S. R. WRIGHT.

Witnesses:

JN. DEXTER,

JOHN R. MURRAY.