

E. R. MORSE.
BURGLAR-PROOF SAFE.

No. 169,567.

Patented Nov. 2, 1875.

Fig. 1.

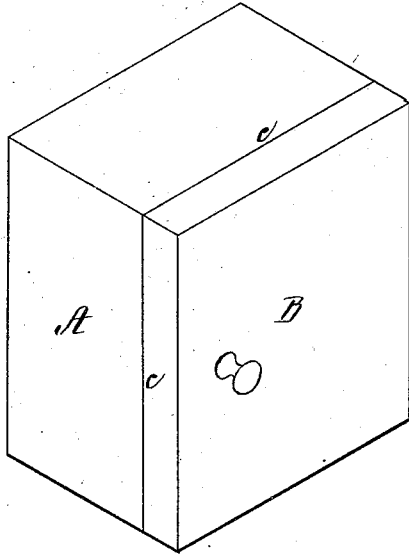


Fig. 3.

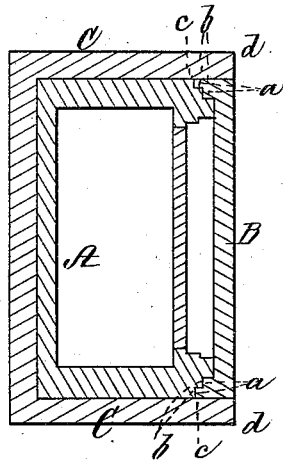
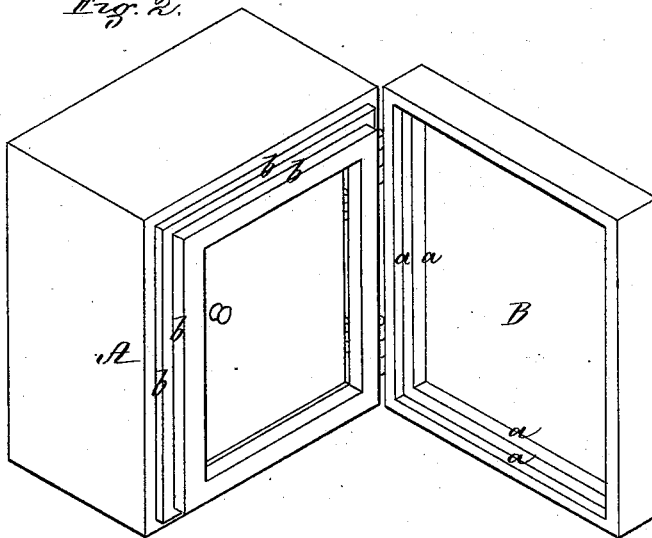


Fig. 2.



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UNITED STATES PATENT OFFICE

ENOCH R. MORSE, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN BURGLAR-PROOF SAFES.

Specification forming part of Letters Patent No. **169,567**, dated November 2, 1875; application filed September 15, 1875.

To all whom it may concern:

Be it known that I, ENOCH R. MORSE, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Burglar-Proof Safes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of a burglar-proof safe constructed in accordance with my invention. Fig. 2 is a perspective view of the same with the door open. Fig. 3 is a vertical section through the same in place within a fire-proof vault.

The doors of burglar-proof safes have heretofore been so made as to close within the front of the safe; but this construction is objectionable, for the reason that when a wedge is introduced at the joint between them, the strain is exerted in the direction of the length of the door-bolt situated on the side where the wedge is entered, and, consequently, the bolt offers no resistance thereto.

My present invention has for its purpose to overcome the above-mentioned objection; and consists in a safe-door provided with one or more "steps" or flanges arranged to fit over corresponding steps or flanges projecting from the front of the body of the safe, whereby the line of the joint between them is located away from the front surface of the door, so that, should a wedge be inserted at the joint, the strain would be exerted in a direction at right angles to the length of the bolts, the safe being placed within a fire-proof casing, which covers the joint of the door and renders it inaccessible.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A is the body of the

safe, and B its outer door. The inner side of this door is provided with two steps or flanges, *a a*, projecting out at right angles thereto, and extending around it at and near its outer edge, which fit over corresponding steps or flanges *b b*, projecting from the front of the body of the safe, by which construction the line of the joint *c*, between the body and the door, is removed away from the front surface of the door, and should a wedge be entered at this joint, the bolts *d* will resist the strain, as it is applied in a direction at right angles to their length, which is not the case where a wedge is inserted at the joint of the door of a safe, as heretofore constructed.

When the above-described safe is placed within a fire-proof vault or casing, C, the line of the joint *c* is located within or back of the front edge *d* of the casing C, which thus covers the joint and renders it inaccessible, whereby much greater security is afforded against burglars than heretofore.

I do not confine myself to the number of steps or flanges on the door or on the body of the safe.

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

A burglar-proof safe having a door, B, provided with one or more flanges, *a*, arranged to fit over corresponding flanges *b*, projecting from the front of the body A of the safe, whereby the line of the joint between them is located away or back from the front surface of the door, in combination with the casing C, extending in front of or covering the joint *c*, substantially as and for the purpose described.

Witness my hand this 11th day of September, A. D. 1875.

ENOCH R. MORSE.

In presence of—

N. W. STEARNS,

W. J. CAMBRIDGE.