E. H. WALTON & M. HEMLER.

Safe-Door.

No. 168,118. Patented Sept. 28, 1875.

Fig. 3

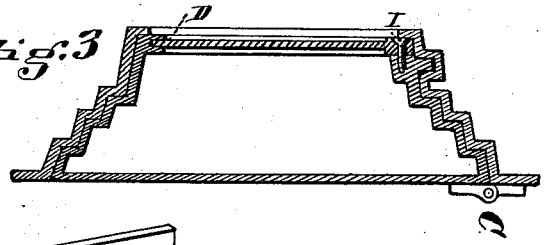


Fig. 1

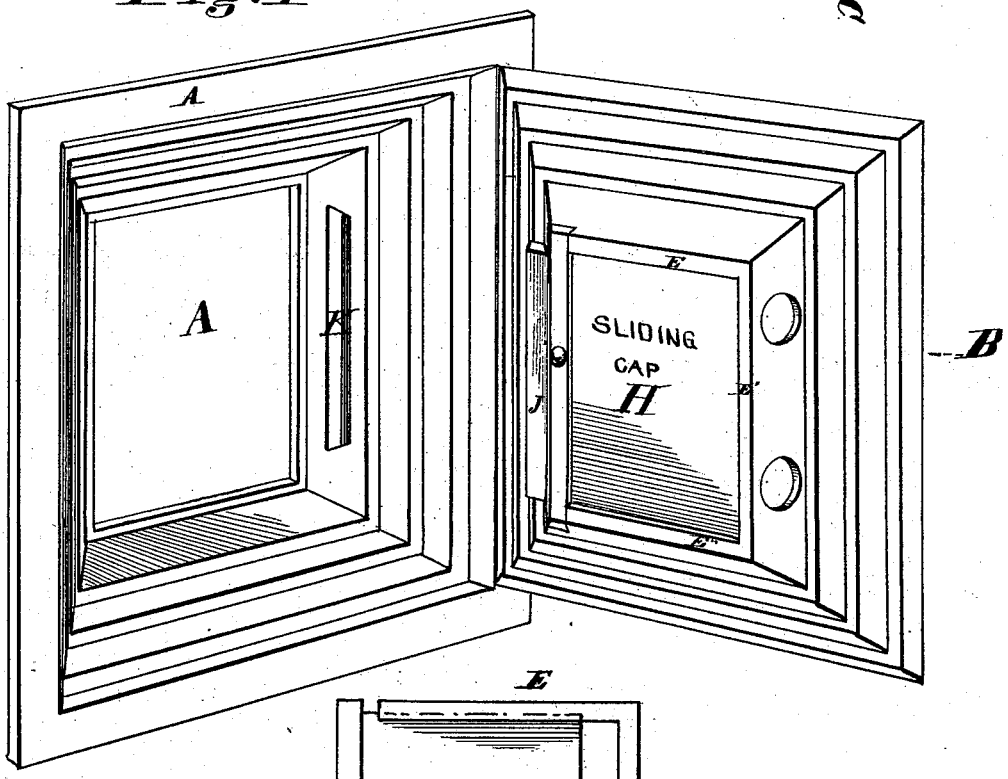
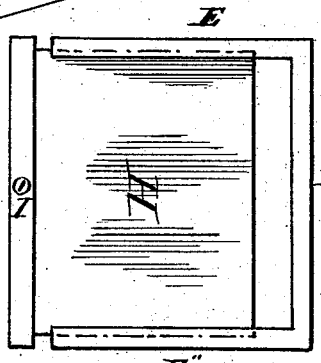


Fig. 2



Attest

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UNITED STATES PATENT OFFICE.

ELIAS H. WALTON AND MICHAEL HEMLER, OF CINCINNATI, OHIO.

IMPROVEMENT IN SAFE-DOORS.

Specification forming part of Letters Patent No. **168,118**, dated September 28, 1875; application filed April 23, 1875.

To all whom it may concern:

Be it known that we, ELIAS H. WALTON and MICHAEL HEMLER, residents of Cincinnati, State of Ohio, have invented certain new and useful Improvements in Safes, of which the following is a specification:

Our invention consists in a loose or sliding cap for the inside of safe-doors, in combination with a groove on two or more edges of the inner side of the door for the cap to slide in.

Heretofore the most convenient cap or back for a safe-door has been hinged at one side, and secured around the other edges of the door by numerous bolts or screws, which screws or bolts had to be removed to open the cap, and replaced to keep it in position when closed, and the opening or closing of the cap was a tedious task. Our sliding cap requires no screws or bolts to hold it in position, and it is removed and put back in place without any loss of time.

That edge of the cap which does not fit in the grooves may be made thicker than the other edges, so that it will be flush with the sides of the grooves, thus making, when the cap is in position, in connection with the sides of the grooves, a frame around the inside of the door.

Our cap, as combined with the door, and having an overlapping groove in all exposed edges, is also superior to any device in use for keeping the lock and bolts clean and free from dust and dirt, while it gives access to them when the door is open much more easily than any other device now in use. If desired, a single screw, I, may be inserted through the edge of the cap to doubly secure the latter in place in the door, although the cap will remain in place from its friction in the grooves without the aid of screws.

In the accompanying drawing, forming part of this specification, Figure 1 represents a safe frame and door embodying our improvement. Fig. 2 is a side elevation of the sliding cap and raised border; and Fig. 3 is a section through the frame and door, showing the projection and rabbet, and the sliding cap and grooves all in position, as they are when the door is closed.

A designates the door-frame; B, the door, which is hollow, for the reception of fire-proof material, hinged to the frame by hinges C. The grooves D are formed in the inside of the rear edges E E^1 E^2 of the door-frame, for the reception of the sliding cap H. J is the projection on hinge edge of door. K is the rabbet or recess.

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

The sliding cap for the inside of safe-doors, in connection with the grooves on the inside edges of door for the cap to slide in.

ELIAS H. WALTON.
MICHAEL HEMLER.

Attest:
D. P. KENNEDY,
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