(No Model.)

T. BRETT.

FIRE PROOF SAFE.

No. 250,051. Patented Nov. 29, 1881.

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Fig. 1.

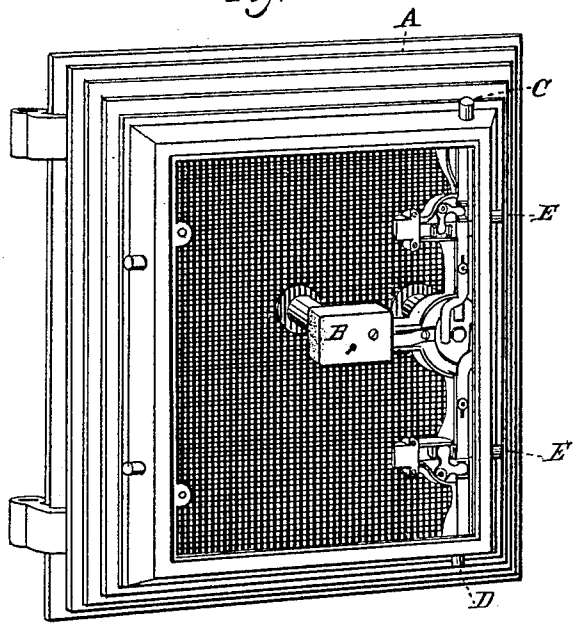


Fig. 2.

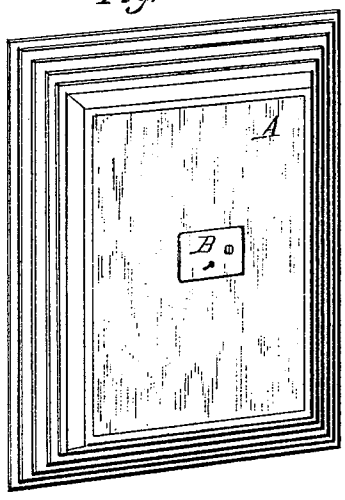
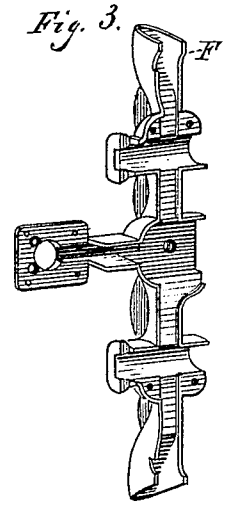


Fig. 3.



WITNESSES

Jno. Crowell Jr

Thomas Brett INVENTOR

By Leggett & Leggett

ATTORNEYS

109. SAFES, BANK PROTECTION AND RELATED DEVICES.
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Search Room

UNITED STATES PATENT OFFICE.

THOMAS BRETT, OF CLEVELAND, OHIO.

FIRE-PROOF SAFE.

SPECIFICATION forming part of Letters Patent No. 250,051, dated November 29, 1881.

Application filed August 8, 1881. (No model.)

To all whom it may concern:

Be it known that I, THOMAS BRETT, of Cleveland, in the county of Cuyahoga and State of of Ohio, have invented certain new and useful Improvements in Safes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to safes, and more particularly to the construction of the doors of safes; and it consists in an improved construction, whereby more space is allowed for the filling and less occupied by the bolt-work.

In the drawings, Figure 1 is an isometric view of a safe-door before it is filled and with the inner plate or covering removed. Fig. 2 is a view of a completed door; and Fig. 3 is a view, in detail, of a housing, preferably made of a single piece, and adapted to cover the system of bolt-work.

In the said drawings, A represents the rim of a safe or vault door, B the lock of a door, C the upper bolt, D the lower bolt, and E E the bolts in the side of the door, all of which are preferably operated by means of a knob or handle upon the outside of the door when the lock B is adjusted in such a manner as to permit the easy working of the knob.

F represents the casing or housing, adapted to fit closely about the bolt-work and protect it from the filling.

Heretofore in the construction of safe and vault doors a partition has usually been placed separating that portion of the door in which is placed the bolt-work from the other portion, and consequently no filling is used in that portion of the door occupied by the bolt-work. By my construction and the use of the housing F filling may extend to the remotest portions of the door, and only that portion occupied by this housing F remains unoccupied by the filling.

When safes have been exposed to intense heat the bolt-work has been very materially damaged by its exposure. The object of my invention is to protect this bolt-work as much as any other portion of the safe from heat.

What I claim is—

A safe or vault door provided with a housing or covering constructed to fit the outline of the bolt-work, whereby greater filling-space is secured, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS BRETT.

Witnesses:

JNO. CROWELL, Jr.,

ALBERT E. LYNCH.