Whiting & Smith,

Burglar Proof Safe.

No. 100,093. Patented Feb. 22. 1870.

Fig. 1.

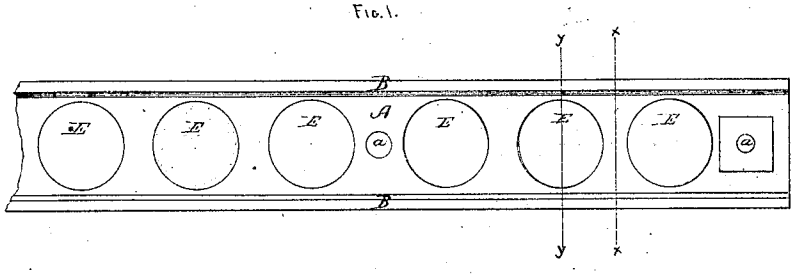


Fig. 2.

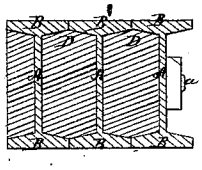
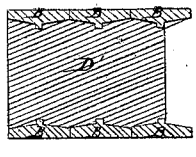


Fig. 3.



WITNESSES.

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LEWIS F. WHITING AND FRANKLIN SMITH, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 100,093, *dated February* 22, 1870.

IMPROVEMENT IN SAFES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that we, LEWIS F. WHITING and FRANKLIN SMITH, of Boston, in the county of Suffolk, and State of Massachusetts, have invented an Improvement in Burglar-Proof Safes; and we do hereby declare that the following is a full, clear, and exact description of the construction of the same, reference being had to the accompanying drawings and letters of reference marked thereon, making a part of this specification, in which—

Figure 1 is a side elevation of a section of our invention.

Figure 2 is a section through line *x x*, fig. 1, and

Figure 3, a section through line *y y*, fig. 1.

This invention consists in constructing a safe of wrought-iron bars bolted together and flanged at both edges in such manner as to leave spaces between said bars, which spaces or chambers are filled with molten metal through suitable orifices in the bars, as will hereinafter more fully appear.

In the drawings—

A A represent bars of wrought iron, which may be of any desired number, and are secured together by the bolts *a a*.

The bars A are provided with the flanges B, which form spaces D D between said bars, into which spaces molten metal D′ is poured through the orifices E.

By this means all the spaces between the bars A are filled, making the whole a solid mass of metal, which is almost impervious to the drill. Any kind of hard metal may be used for the filling material, white iron being preferred.

Having thus fully described our invention,

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

Constructing a burglar-proof safe as described.

In testimony whereof, we have signed our names to this specification in the presence of two subscribing witnesses.

LEWIS F. WHITING.
FRANKLIN SMITH.

Witnesses:

CARROLL D. WRIGHT,
CHARLES F. BROWN.