

UNITED STATES PATENT OFFICE.

JOHN F. WOOD, OF EVERETT, MASSACHUSETTS.

IMPROVEMENT IN COMPOSITIONS FOR RENDERING SAFES, VAULTS, &c., FIRE-PROOF.

Specification forming part of Letters Patent No. 126,121, dated April 23, 1872.

SPECIFICATION.

I, JOHN F. WOOD, of Everett, in the State of Massachusetts, have invented an Improvement in Fire-Proof Safes and Vaults, of which the following is a specification:

The safe or vault is made in the ordinary manner with an inner and an outer wall. The improvement consists in making the safe or vault fire-proof by filling the spaces between the inner and outer walls with magnesite.

I reduce magnesite to a powder, and then, moistening the powder slightly with water, with it fill in between the walls. The magnesite may be burned, or may be used in its native state. In either form it is a good non-conductor of heat.

The powdered magnesite may be employed in a dry state; but it is preferable to moisten it, for thereby strength is given to the walls of the safe or vault.

The invention is applicable to portable safes as well as to safes or vaults built of masonry.

I claim—

The use of magnesite for filling in between the inner and outer walls of the safe or vault, to render the same fire-proof.

JNO. F. WOOD.

Witnesses:

WILLIAM W. SWAN,
JOHN GREER.