

T. HYATT.
Building-Blocks.

No. 142,475.

Patented September 2, 1873.

Fig. I.

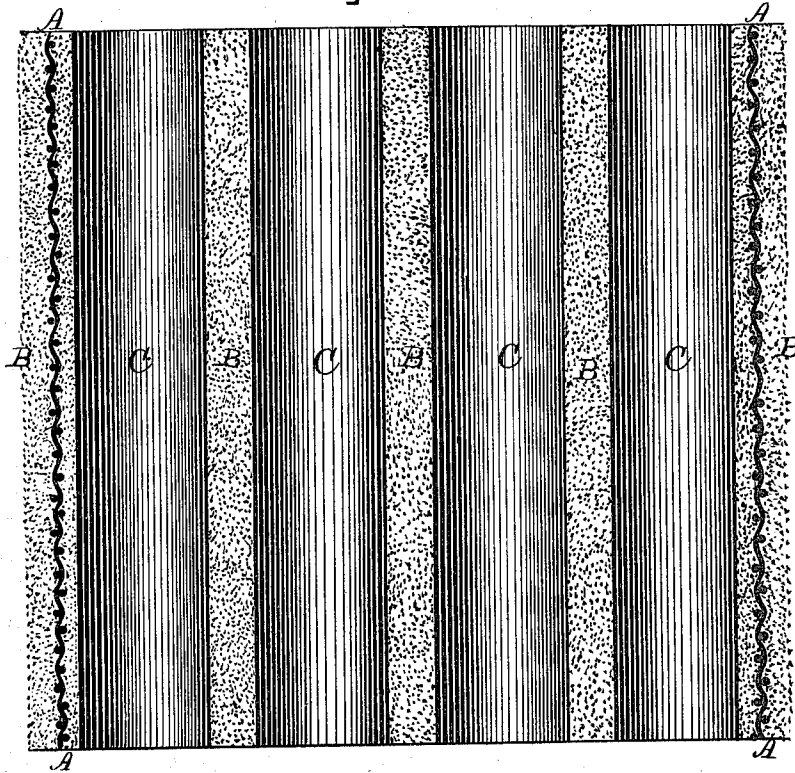
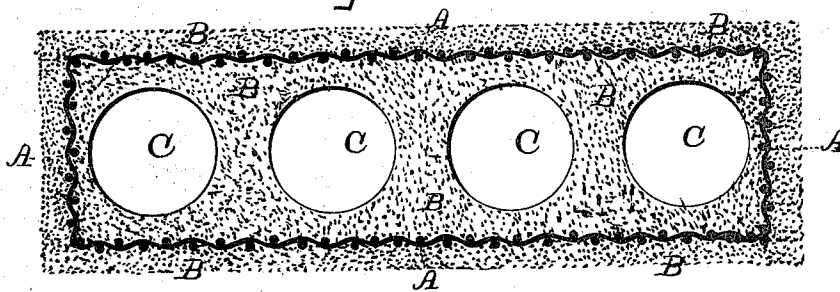


Fig. 2.



WITNESSES.

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INVENTOR.

Theodore Hyatt, by
Prindle and Co. his Attys.

UNITED STATES PATENT OFFICE.

THEODORE HYATT, OF NEW YORK, N. Y.

IMPROVEMENT IN BUILDING-BLOCKS.

Specification forming part of Letters Patent No. **142,475**, dated September 2, 1873; application filed August 21, 1873.

To all whom it may concern:

Be it known that I, THEODORE HYATT, of New York city, in the county of New York and in the State of New York, have invented certain new and useful Improvements in Building-Blocks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a vertical central section of my improved building-block, and Fig. 2 is a horizontal cross-section of the same.

Letters of like name and kind refer to like parts in each figure.

The design of my invention is to produce a building-block of or from plastic material which, when completed, shall possess the elements of strength, durability, light weight, and cheapness; to which end it consists in a building-block composed of plastic material, consisting of asbestos combined with earthy matter, formed over and within a frame of wire-gauze or reticulated sheet metal, and either with or without central openings, substantially as and for the purpose hereinafter specified.

In the annexed drawing, A represents a frame constructed of or from wire-gauze or reticulated sheet metal, and having, preferably, a rectangular form, with open ends. Upon, within, and around the frame A is placed plastic material B, consisting of asbestos combined with earthy matter, which, by a mold or other suitable means, is given such size

and shape exteriorly as to form a building-block having the required dimensions.

If desired, the central portion of the block may be provided with a series of longitudinal openings, C, by which means the weight of said block will be reduced without material decrease of its strength. By making said openings of a uniform size, and properly locating them within each block, they may be caused (when the blocks are in position within a wall) to coincide with and form continuations of the openings within contiguous blocks, and thus make a substantially hollow wall.

The block thus constructed possesses great strength and durability, has less weight than ordinary building material, is easily and cheaply constructed, and is entirely proof against either fire or dampness.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

A building-block composed of plastic material, consisting of asbestos combined with earthy matter, formed over and within a frame of wire-gauze, or its equivalent, and either with or without central openings, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of August, 1873.

THEODORE HYATT.

Witnesses:

GEO. S. PRINDLE,
EDM. F. BROWN.