

No. 778,024.

PATENTED DEC. 20, 1904.

G. FERGUSON & J. W. KISSELL.

BUILDING BLOCK.

APPLICATION FILED MAY 3, 1904.

NO MODEL.

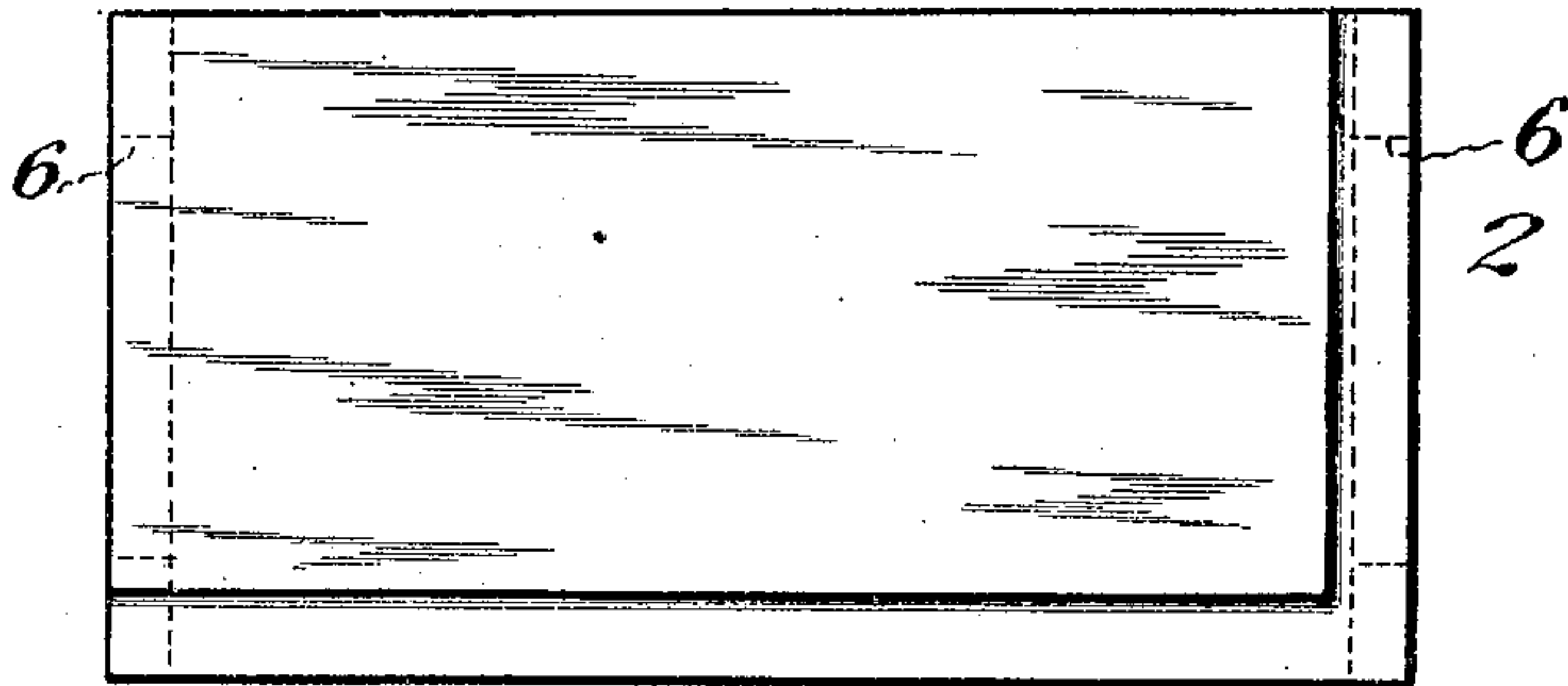


Fig. 1.

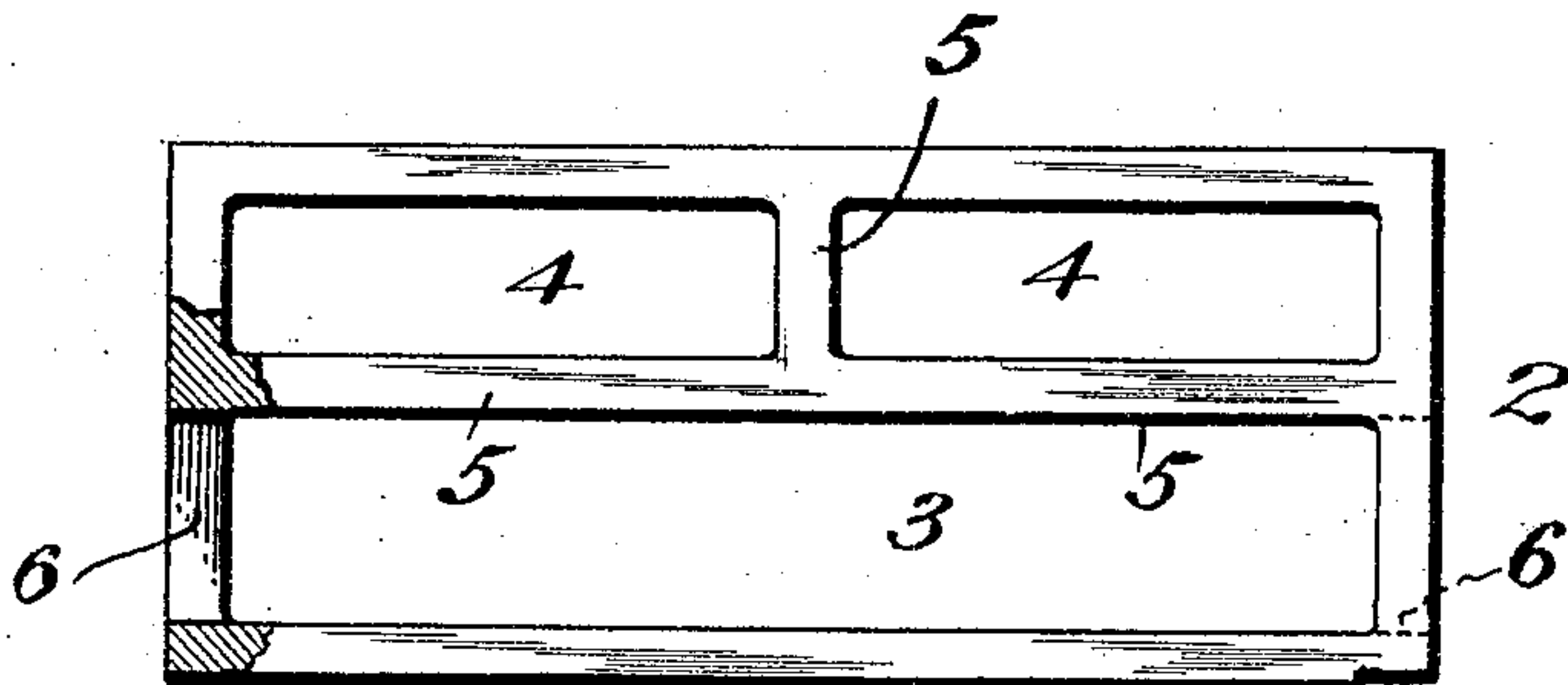


Fig. 2.

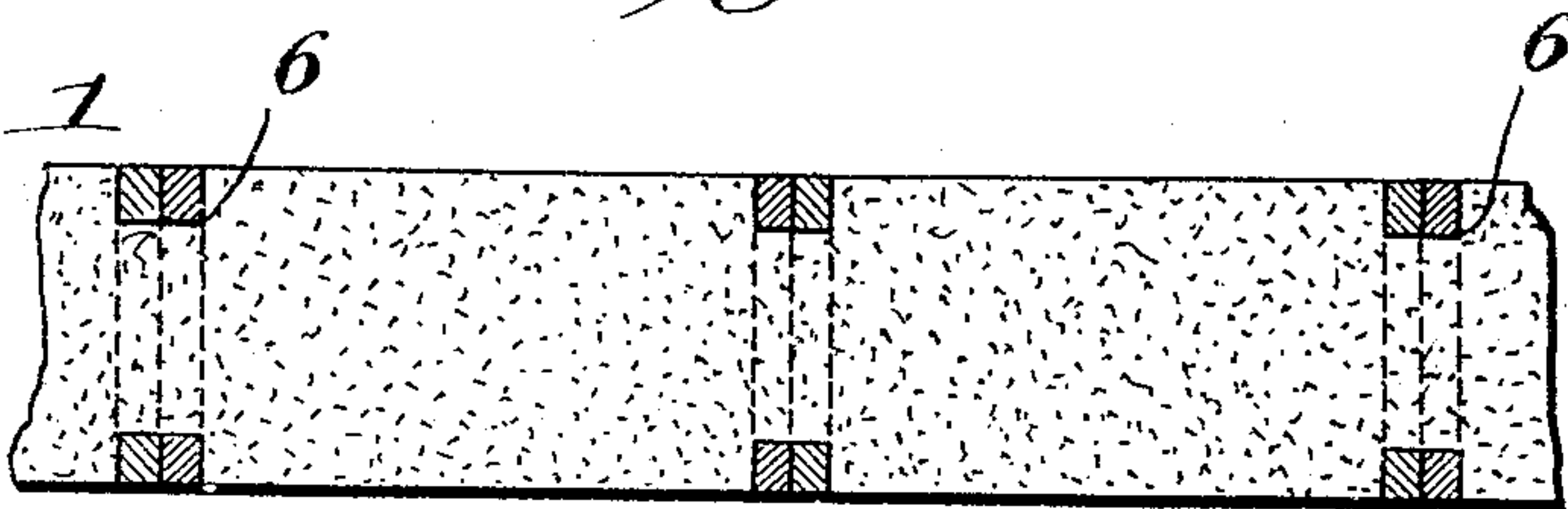


Fig. 3.

Witnesses
A. Appleman
B. Molitor

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Inventors:
By Their Attorney, *J. R. Littell*

UNITED STATES PATENT OFFICE.

GEORGE FERGUSON AND JOHN W. KISSELL, OF LONG ISLAND CITY,
NEW YORK.

BUILDING-BLOCK.

SPECIFICATION forming part of Letters Patent No. 778,024, dated December 20, 1904.

Application filed May 3, 1904. Serial No. 206,138.

To all whom it may concern:

Be it known that we, GEORGE FERGUSON and JOHN W. KISSELL, citizens of the United States, and residents of Long Island City, in the county of Queens and State of New York, have invented certain new and useful Improvements in Building-Blocks, of which the following is a specification.

Our invention relates to building-blocks.

It has for its object to provide a fireproof building-block constructed and arranged with a view to give thorough ventilation in and through walls constructed thereof, to prevent dampness and water penetrating there-through and to provide means for binding the blocks together.

It has for a further object to provide a building-block of the character set forth possessing advantages in point of general utility, lightness, inexpensiveness, and strength.

Figure 1 is a front view, Fig. 2 a top view, and Fig. 3 a longitudinal vertical sectional view, of a portion of a wall constructed with our blocks.

Corresponding parts in all the figures are denoted by the same reference characters.

Referring to the drawings, 1 designates a portion of a wall constructed of our building-blocks 2, each of which is pressed, molded, or otherwise formed of the required shape and of any suitable material—such, for instance, as fire-clay—and provided with a plurality of front and rear chambers 3 and 4, respectively, formed by division-walls 5 and holes 6 through the end walls leading into the front chamber, the front chambers 3 and the holes 6 being adapted to receive cement or other suitable material to bind the blocks together and to prevent the penetration of water or dampness through the blocks and the rear chambers to serve as ducts to allow a free circulation of air in and through the walls, thereby forming walls which will be dry and well ventilated.

The faces of our block may be molded or formed with any desired design—for instance, in imitation of “stone dressing”—so as to give an attractive appearance.

The form of our block 2' (shown by the modification, Fig. 5) only differs from that of the other figures in that the air-chambers are omitted.

We do not desire to be understood as limiting ourselves to the details of construction and arrangement as herein described and illustrated, as it is manifest that variations and modifications may be made in the features of construction and arrangement in the adaptation of the device to various conditions of use without departing from the spirit and scope of our invention and improvements. We therefore reserve the right to all such variation and modification as properly fall within the scope of our invention and the terms of the following claims.

Having thus described our invention, we claim and desire to secure by Letters Patent—

1. A hollow one-piece building-block formed of fireproof material and comprising side and end walls and partitions dividing it into front and rear chambers, the end walls of one chamber provided with holes there-through and the end walls of the other chamber being solid and a filling of water-repelling material in said front chamber and said holes, substantially as described.

2. A hollow one-piece building-block formed of fireproof material and comprising side and end walls and partitions dividing it into front and rear chambers, the end walls of the front chamber provided with holes there-through and the end walls of the rear chambers being solid and a filling of cement in said front chamber and said holes, substantially as described.

In testimony whereof we have signed our names in the presence of the subscribing witnesses.

GEORGE FERGUSON.
JOHN W. KISSELL.

Witnesses:

D. C. FOX,
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