C. BAUM.

BUILDING BLOCK.

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1,277,829.

Patented Sept. 3, 1918.

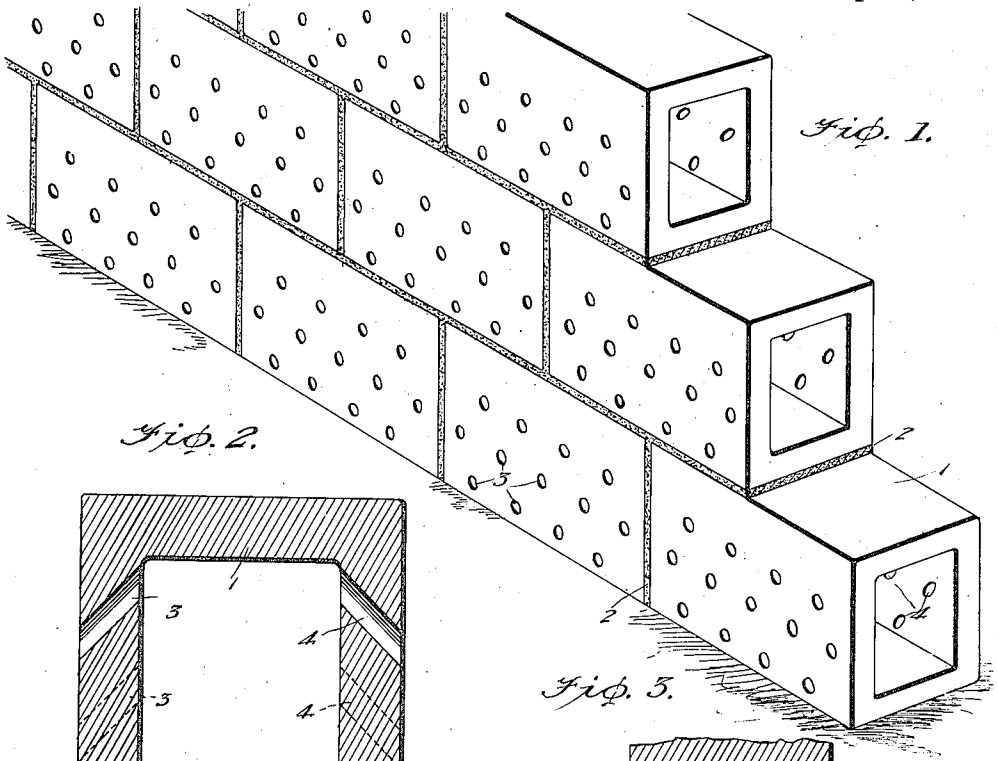


Fig. 1.

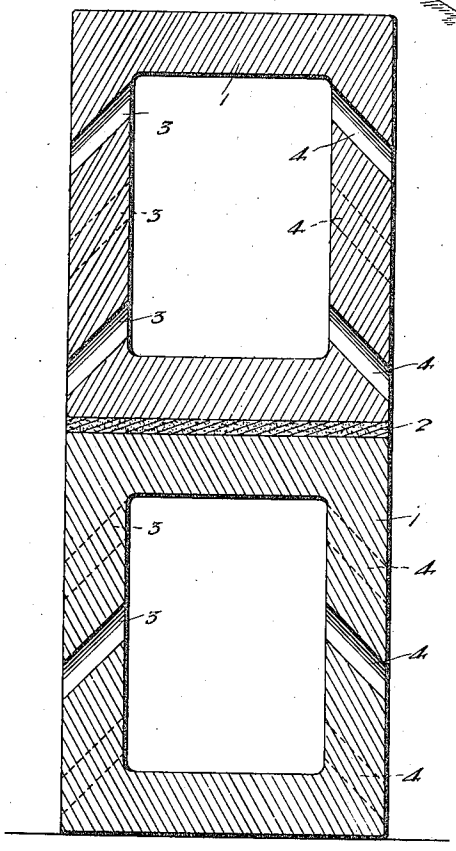


Fig. 2.

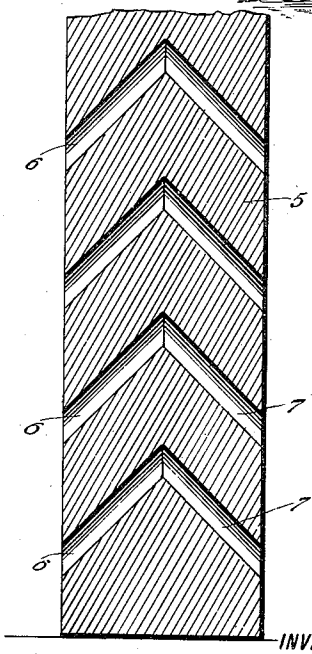


Fig. 3.

WITNESS

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UNITED STATES PATENT OFFICE.

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BUILDING-BLOCK.

1,277,829. Specification of Letters Patent. Patented Sept. 3, 1918.

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To all whom it may concern:

Be it known that I, CALMAN BAUM, a citizen of the United States, and a resident of Sweetsers, in the county of Grant and State of Indiana, have invented certain new and useful Improvements in Building-Blocks, of which the following is a specification.

My invention is an improvement in building blocks, and has for its object to provide a block of the character specified, especially adapted for the building of granaries, grain bins, and the like, wherein perfect ventilation is provided for the block and for the bin or wall, and so arranged as to prevent the entrance of mice, moisture and the like, or the escape of grain.

In the drawings:

Figure 1 is a perspective view of a wall constructed of the improved blocks;

Fig. 2 is a vertical section through a portion of the wall;

Fig. 3 is a vertical section of a modified type of block.

In the embodiment of the invention shown in Figs. 1 and 2, the wall is composed of hollow blocks 1, the said blocks being formed of plastic material capable of hardening, as, for instance, concrete or the like, and the blocks are laid in the usual manner in courses with mortar, indicated at 2, between the blocks of the courses and between the courses.

As shown, the blocks forming the wall in Fig. 1 are hollow, and each block is provided at each face with a series of openings 3 and 4, respectively, all of the said openings inclining downwardly toward the outer faces of the block. Referring to Fig. 2, it will be noticed that the openings at the outer face of the block incline upwardly toward the interior of the block, that is, toward the hollow, and the openings at the inner face of the block are similarly inclined. Hence whichever face of the block is outward, no moisture can enter, nor can any grain escape, the downward inclination of the openings at the inner face of the wall preventing such escape. The openings are too small to permit the entrance of a mouse, and the wall is thus mouse-proof as well as moisture- and grain-proof.

If desired, the blocks may be as indicated in Fig. 3. In this construction each block 5 has a series of transverse openings, each of which consists of portions 6 and 7 meeting at an angle at the center of the block. With this arrangement grain cannot flow up the inclined portion, and moisture cannot pass in from the outside. The openings 6—7 are also too small for the entrance of mice. Thus there is a perfect ventilation for the interior of the wall and of the block, while at the same time there is no possibility of the entrance of moisture, nor of the escape of grain.

I claim:

A building block having series of openings in the opposite faces thereof, the openings of each series inclining inwardly and upwardly and being of relatively small diameter and having communication at their adjacent ends.

CALMAN BAUM.