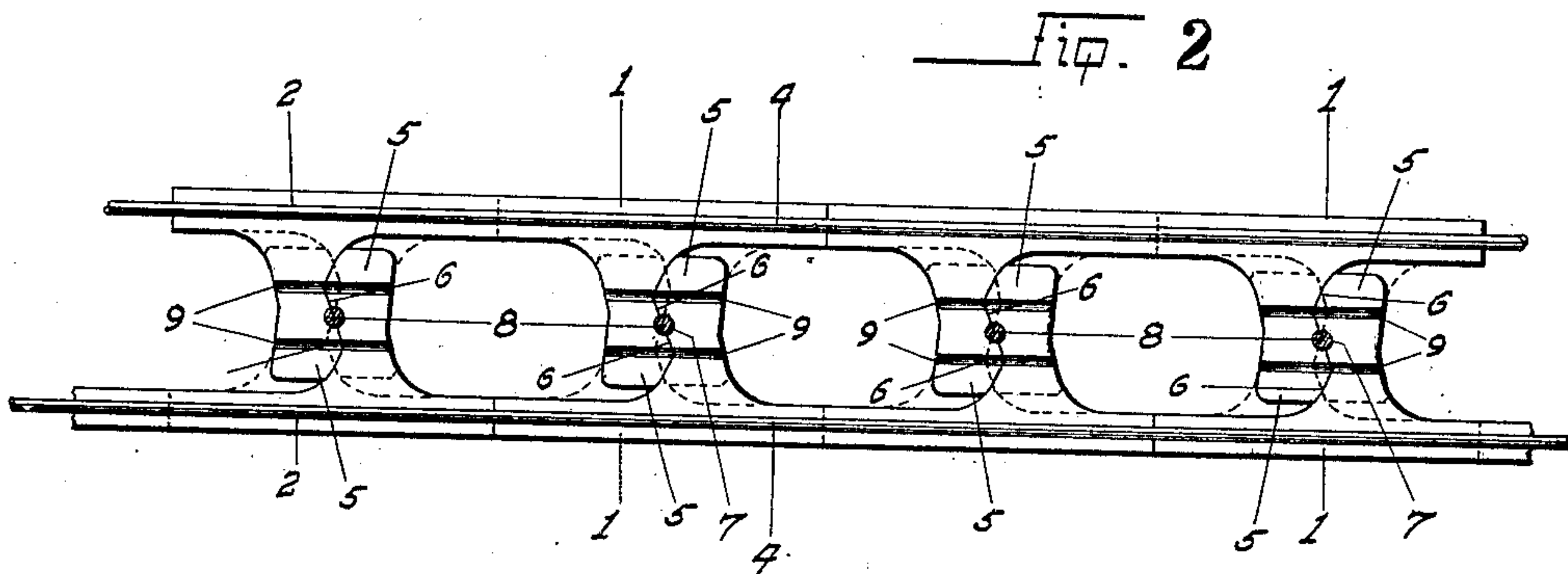
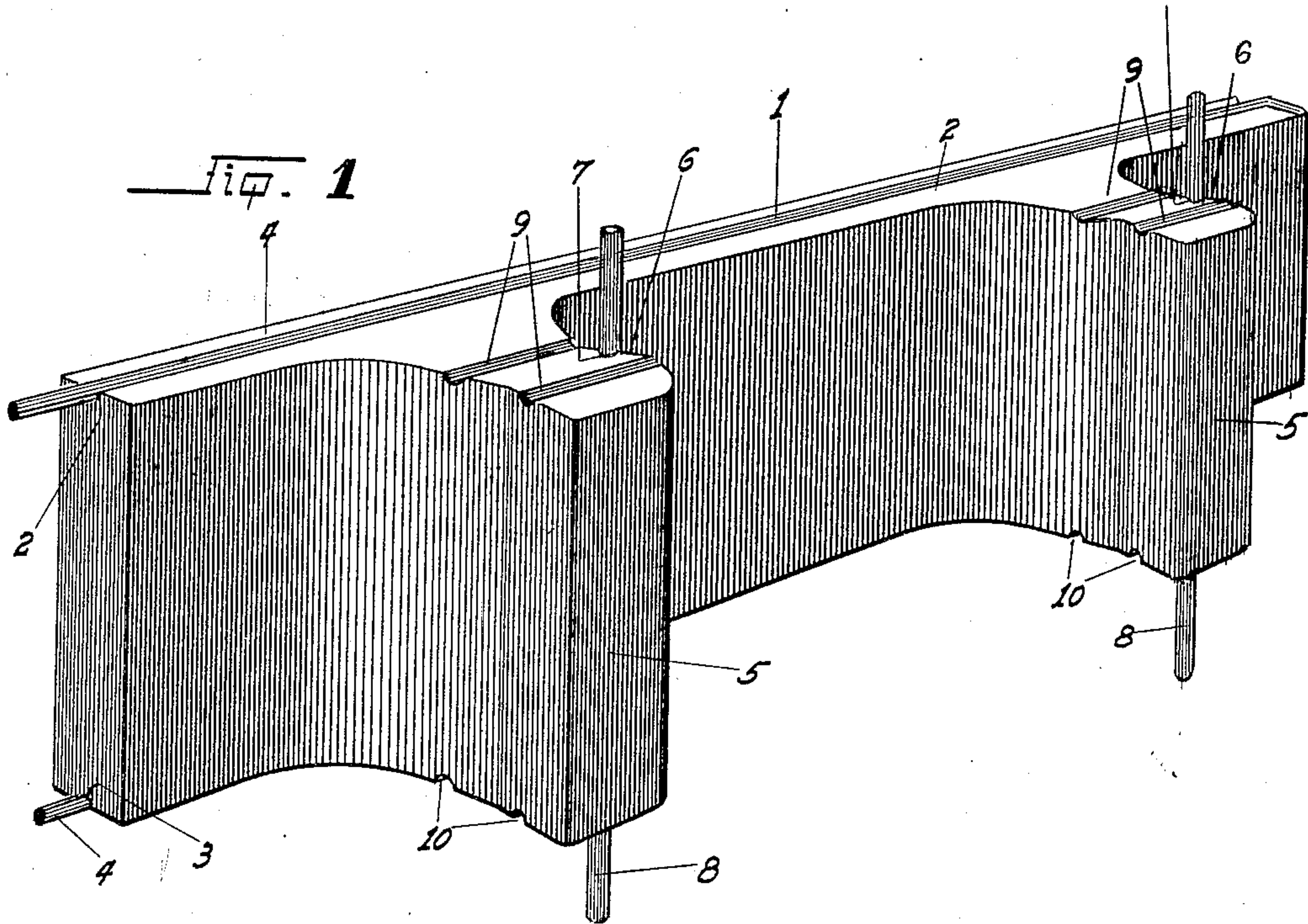


R. E. KEAGLE.
BUILDING BLOCK.

APPLICATION FILED OCT. 24, 1907.

898,656.

Patented Sept. 15, 1908.



Witnesses

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UNITED STATES PATENT OFFICE.

ROY E. KEAGLE, OF LODI, CALIFORNIA.

BUILDING-BLOCK.

No. 898,656.

Specification of Letters Patent.

Patented Sept. 15, 1908.

Application filed October 24, 1907. Serial No. 398,866.

To all whom it may concern:

Be it known that I, ROY E. KEAGLE, a citizen of the United States, residing at Lodi, in the county of San Joaquin and State of California, have invented certain new and useful Improvements in Building-Blocks; and I do declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this application.

This invention relates to improvements in building construction and particularly to building blocks made of cement, mortar etc., my object being to produce such a block as will be simple and inexpensive and also one in which a two course wall may be built, the blocks in each course being interlocked and reinforced in a strong and effective manner. This object I accomplish by means of a block proper provided with projecting tongues so constructed as to interlock; also by such other and further construction as will appear by a perusal of the following specification and claims.

In the drawings similar characters of reference indicate corresponding parts in the several views.

Figure 1 is a perspective view of the improved block. Fig. 2 is a top plan view of a portion of a wall built with my improved blocks.

Referring more particularly to the characters of reference on the drawings 1 designates the block proper which is formed with horizontal grooves 2 and 3 in its top and bottom edges respectively adapted to receive reinforcing rods 4. Formed outward from the block 1 are tongues 5, the same having corrugated faces 6, those corrugations on one block being adapted to interlock with the corrugations in another in building a two course wall as shown in Fig. 2. Intermediate the said corrugations are vertical grooves 7, those on one block coinciding with those on the other when interlocked, said grooves being adapted to receive vertical reinforcing rods 8. Formed in the top and bottoms of the tongues 5 in transverse alinement with the corrugations 6 are grooves 9 and 10 respectively, the same being adapted to receive mortar bonds when building a wall,

since those on one block are adapted to coincide with those on the blocks of the opposite side in the course above and below.

In building a wall the same is reinforced horizontally by means of the rod 4 and the mortar bonds in the grooves 9 and 10 and by the interlocking corrugations 6. It is reinforced vertically by the rods 8 and interlocking corrugations 6. Also the interlocking of the blocks in each course adds great strength and durability to both courses. The blocks are to be made by a pressure machine and are taken from the mold on their edge; this does away with all cores etc. Another good point in my device is the vertical rod reinforcement which is possible by the parallel manner of interlocking. Also this interlocking causes no inconvenience to the laying of the block, nor does the reinforcing, as described.

It will thus be seen from the foregoing description that I have produced such a device as fulfils all the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of my device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention.

Having thus described my invention what I claim as new and useful and desire to secure by Letters Patent is:—

1. In a device of the character described, a block, tongues outward therefrom, one face of said tongues being corrugated, said tongues being formed with vertical grooves intermediate said corrugations, and with horizontal grooves in their tops and bottoms, said last named grooves being in substantial transverse alinement with said corrugations, as described.

2. A building block comprising a block proper provided with top and bottom longitudinal grooves, tongues outward from said block, said tongues being corrugated on one face and provided with vertical grooves intermediate said corrugations, and with horizontal grooves, said last named grooves being in substantial transverse alinement with said corrugations, as set forth.

3. A building block comprising a block proper, tongues formed outward therefrom, one face of said tongues being corrugated and

formed with vertical grooves intermediate said corrugations, and with transverse grooves in substantial alinement with said corrugations, as set forth.

- 5 4. A building block comprising a block, tongues outward therefrom, one face of said tongues being corrugated, said tongues being provided with bottom and top grooves disposed in transverse alinement with said cor-

rugations, and a binding member disposed in 10 said grooves, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ROY E. KEAGLE.

Witnesses:

J. M. BLODGETT,
D. H. NEEDHAM.