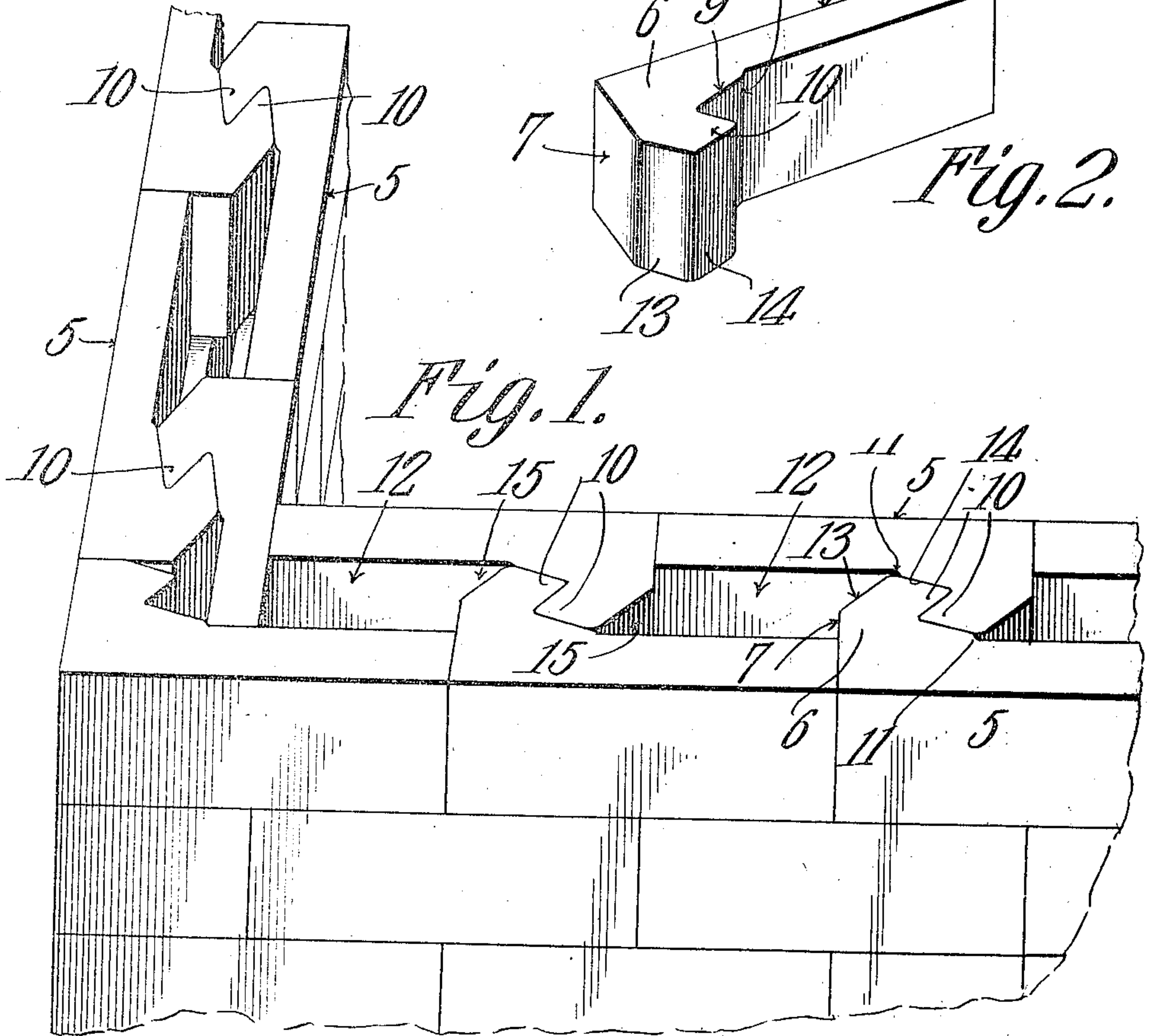
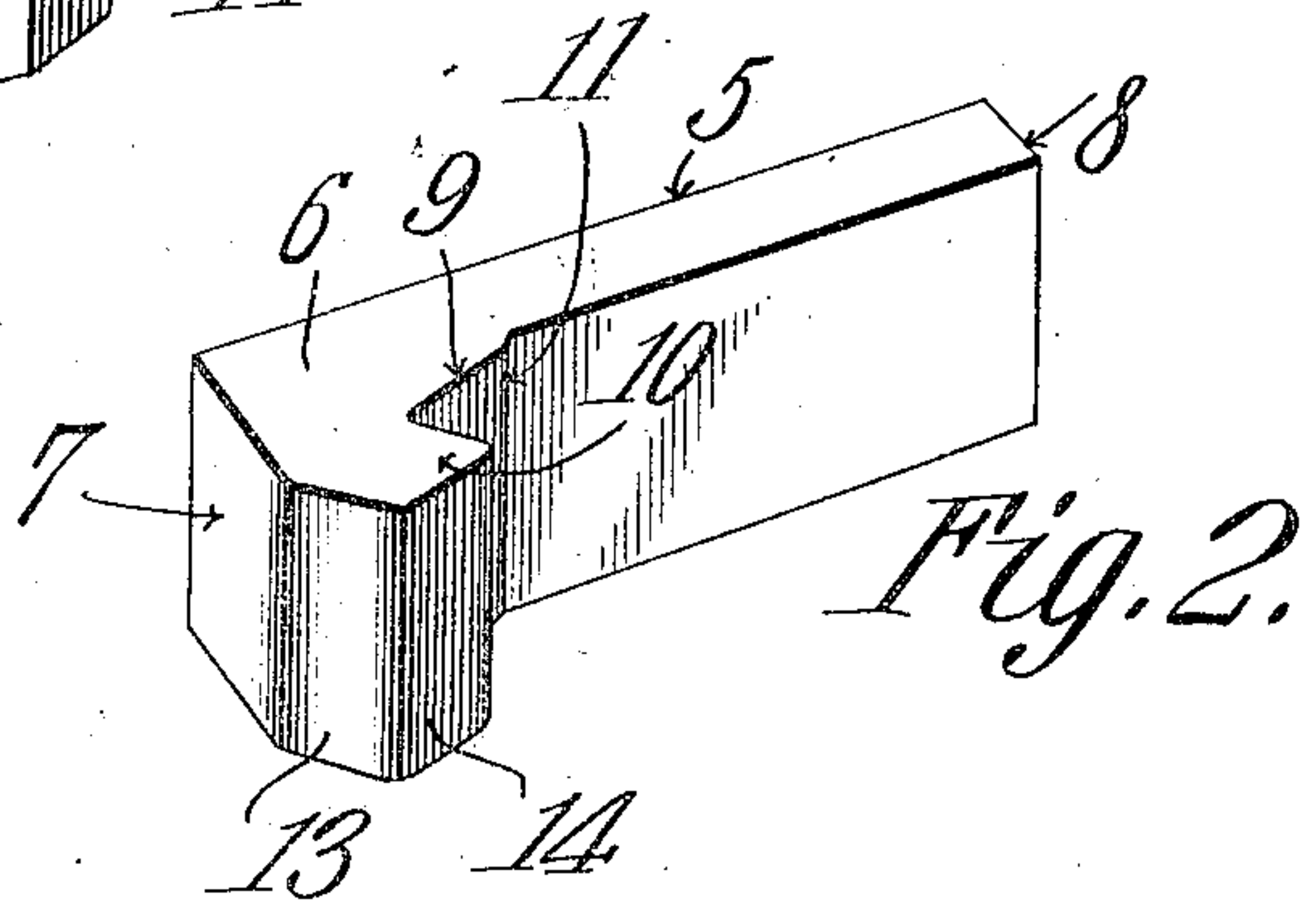
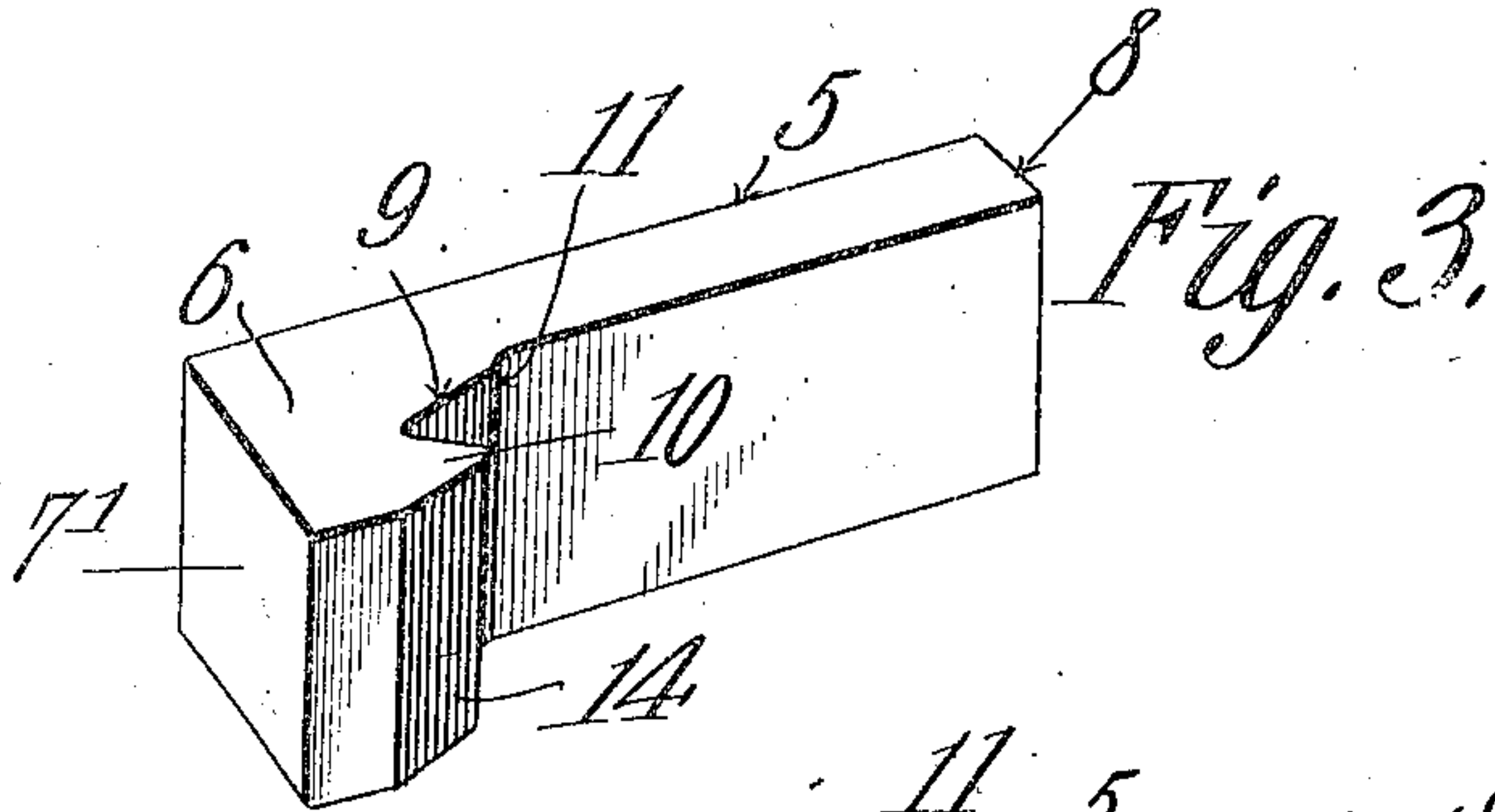


887,211.

PATENTED MAY 12, 1908.

J. S. MINTON.
CEMENT BLOCK.

APPLICATION FILED SEPT. 3, 1907.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN S. MINTON, OF KEARNEY, NEBRASKA.

CEMENT BLOCK.

No. 887,211.

Specification of Letters Patent.

Patented May 12, 1908.

Application filed September 3, 1907. Serial No. 391,172.

To all whom it may concern:

Be it known that I, JOHN S. MINTON, a citizen of the United States, residing at Kearney, in the county of Buffalo and State of Nebraska, have invented a new and useful Cement Block, of which the following is a specification.

This invention relates to artificial stone building blocks and walls constructed from said blocks.

The object of the invention is to provide a wall formed of a plurality of blocks laid in superposed courses and provided with interlocking parts, said blocks being spaced apart to form a vertical air chamber or flue extending the entire height of the wall.

A further object of the invention is to provide an artificial stone building brick or block having one end thereof provided with a terminal hook adapted to engage the hooked end of an adjacent block thereby to prevent spreading of said blocks when the latter are laid into a wall.

A further object is to form the inner wall of each block with a vertical shoulder and to incline or bevel the hooked end of the adjacent block at said shoulder so as to facilitate assembling said blocks into a wall and also to permit free circulation of air around the interlocking joints of the several blocks.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims.

In the accompanying drawings forming a part of this specification: Figure 1 is a perspective view of one corner of a wall formed of artificial stone building blocks constructed in accordance with my invention. Fig. 2 is a perspective view of one of the side blocks detached. Fig. 3 is a similar view of one of the corner blocks detached.

Similar numerals of reference indicate corresponding parts in all of the figures of the drawings.

The improved block forming the subject matter of the present invention includes an elongated body portion 5 formed of cement, concrete or other plastic material and having

one end thereof provided with a lateral projection 6.

The projection 6 is provided with a flat bearing surface 7 for engagement with the correspondingly flat bearing surface 8 of the reduced end of an adjacent block, the upper and lower faces of the body portion being preferably continuous and unobstructed to form smooth bearing surfaces for engagement with the blocks in the preceding and succeeding courses when said blocks are laid into a wall.

The inner face of the projection 6 is formed with a substantially V shaped recess 9 forming a hook 10 which interlocks with the hook of an adjacent block thereby to prevent spreading of said blocks.

The inner face of the body portion of the block is formed with a vertical shoulder 11 preferably disposed at the recess 9 and which allows the air in the vertical flues or passages 12 to circulate around the interlocked portions of the block and thus assist in preventing the moisture from the outer faces of the blocks from passing through the wall and wetting or otherwise soiling the plaster.

The end wall 7 of the projection is inclined or beveled at 13 towards the hook 10 while the outer face of said hook is inclined at 14 in the direction of the shoulder 11.

The inclined face 14 serves to assist in guiding the terminal hook 10 of one block in engagement with the recess 9 of an adjacent block while the inclined face 13 of the projection 7 forms an auxiliary air chamber or passage 15 on each side of the interlocked portions of said blocks to permit the free circulation of air, in the manner before described.

In Fig. 3 of the drawings there is illustrated a corner block in which the inclined or beveled face 13 is dispensed with, the end wall 7' of the lateral projection being formed with a flat continuous face which constitutes the corner of the wall, as shown.

In constructing a wall, partition or similar structure from the blocks shown in Figs. 2 and 3 of the drawings, said blocks are laid in superposed courses and arranged to break joint with the terminal hooks 10 of one block engaging the recesses 9 of an adjacent block thus securely locking the blocks in assembled position and effectually preventing spreading of said blocks in the wall.

The blocks may be made in different sizes and shapes and if desired the exposed sur-

face of each block may be formed with an ornamental face in imitation of chipped or cut rock.

Having thus described the invention what is claimed is:

5 A building block comprising a body portion having its inner face provided with a longitudinally disposed hook, the walls of which converge on like angles towards the bill thereof, the inner face of the block being
10 thickened towards the hook and one end

thereof and provided with an inclined face intersecting the converging outer face of the hook.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JOHN S. MINTON.

Witnesses:

H. A. BARNEY,
JAMES O. NICHOLS.