

J. M. CROCKER & F. TAPPAN.
CEMENT BLOCK CONSTRUCTION.
APPLICATION FILED JUNE 28, 1911.

1,011,753.

Patented Dec. 12, 1911.

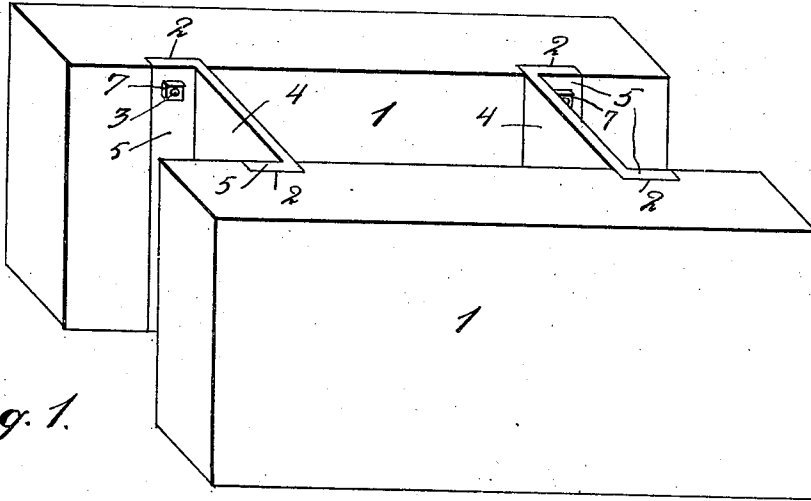


Fig. 1.

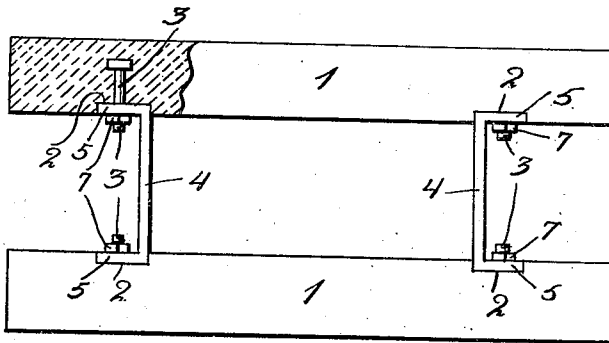


Fig. 2.

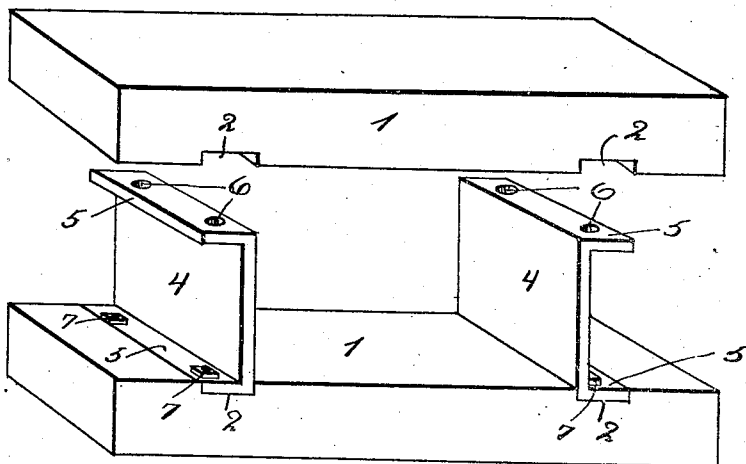


Fig. 3.

Witnesses

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JOHN M. CROCKER AND FRANK TAPPAN, OF COLDWATER, MICHIGAN.

CEMENT-BLOCK CONSTRUCTION.

1,011,753.

Specification of Letters Patent.

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Application filed June 28, 1911. Serial No. 635,718.

To all whom it may concern:

Be it known that we, JOHN M. CROCKER and FRANK TAPPAN, citizens of the United States, and residents of Coldwater, in the county of Branch and State of Michigan, have invented certain new and useful Improvements in Cement-Block Constructions, of which the following is a specification.

Our invention relates to the construction of blocks of artificial stone or concrete, and has for its object the provision of an improved block of the parallel type by which the blocks may be manufactured and shipped in sections to be set up to form a wall with an air space therein, the two parallel parts of the block being rigidly held together by means of ties made of material that is a non-conductor of moisture, so that the inner wall of the building will be dry whatever the condition of the outer wall may be.

Our invention will be described in detail hereinafter and illustrated in the accompanying drawings in which—

Figure 1 is a view in perspective of an improved block in an assembled condition. Fig. 2, a top plan view, and Fig. 3, a view showing the block dismembered.

In the drawings similar reference characters will be used to designate corresponding parts throughout the several views.

The block sections 1 are molded with grooves 2; and with threaded bolts 3 embedded therein and so secured that they will not turn. The tie members consist of plates

4 provided with parallel flanges 5 that engage grooves 2 and formed with apertures 6 to receive the bolts 3, 7 indicating nuts engaging the bolts to hold the flanges in engagement with the block sections.

As stated above the construction of our improved block provides for making and shipping the block in knocked down condition so that the expense of shipment is reduced to a minimum and furthermore should one of the blocks be broken another can be put in its place as all of the blocks are made uniform for this purpose. Furthermore when the blocks and ties are assembled it will be apparent that they form a single rigid entity that may be handled like an ordinary block.

Having thus described our invention what we claim is:

In a building block, parallel block sections having grooves, threaded bolts secured in said block sections, and projecting from said grooves, and tie members comprising plates having parallel flanges, said flanges being formed with apertures to receive the bolts in the block.

In testimony whereof we hereto affix our signatures in the presence of two witnesses.

JOHN M. CROCKER.
FRANK TAPPAN.

Witnesses:

B. E. BARLOW,
GRACE W. BARRON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."