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G. C. WIGHT & T. V. GALASSI.
FINISHING THE FACES OF CONCRETE BLOCKS.

APPLICATION FILED MAR. 24, 1905.

Fig. 1.

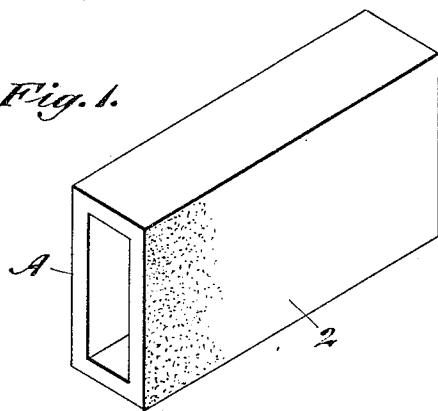


Fig. 2.

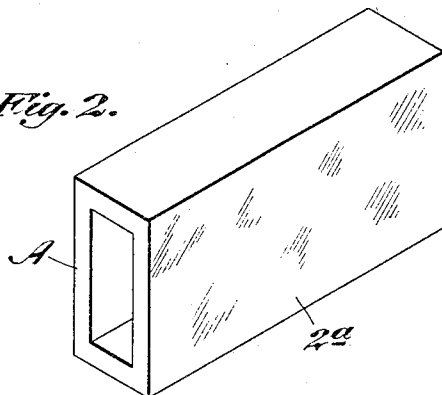
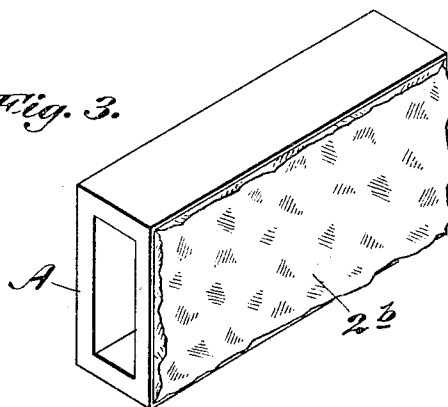


Fig. 3.



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UNITED STATES PATENT OFFICE.

GEORGE C. WIGHT AND THEODORE V. GALASSI, OF SAN FRANCISCO,
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FINISHING THE FACES OF CONCRETE BLOCKS.

No. 837,165.

Specification of Letters Patent.

Patented Nov. 27, 1906.

Application filed March 24, 1905. Serial No. 261,882.

To all whom it may concern:

Be it known that we, GEORGE C. WIGHT and THEODORE V. GALASSI, citizens of the United States, residing in the city and county of San Francisco and State of California, have invented new and useful Improvements in Finishing the Faces of Concrete Blocks, of which the following is a specification.

Our invention relates to the construction of concrete blocks and producing upon the surface of such blocks a representation of a granite finish.

It consists in applying a mixture of marble or other chips and cement to the surface of the concrete block and then exposing said surface to a sand blast, whereby the required granite appearance is produced.

In the drawings, Figure 1 is a perspective view of block after sand blast. Fig. 2 is a perspective view of block with polished surface. Fig. 3 is a perspective view of block with rock face.

It is the object of our invention to provide a face for concrete-work which shall give a realistic appearance of granite, and this we do by an application of a mixture of marble or other chips with cement and applying this mixture to form a facing of the concrete. This facing we call "terrasso." This mixture is formed of small broken chips of any suitable or desired size mixed with cement. The blocks to which this compound is to be applied are made of concrete, either hollow or solid. The blocks may be rectangular or of other required shape, and the surfaces may be flat or irregular, in the form of what is known as "rock face."

As shown in the drawings, A represents blocks of this description having the terrasso face, as shown at 2, which represents a smooth flat surface, in which 2 shows the face after a sand blast has been applied thereto. 2^a shows a polished face of the same, and 2^b shows what is termed a "rock face," these faces being first built up to any form desired. We then apply what is known as a "sand blast," which abrades the surface and pro-

duces an appearance of granite. This granite face may be left in a rough unpolished condition, which remains after the sand blast, or it may be ground and polished smooth, as shown in 2^a.

When made of the rough irregular rock face, as shown at 2^b, the surface will be left in the rough, representing broken granite.

Blocks of this construction may be molded in any desired form as is customary in manufacturing concrete blocks, the terrasso surface afterward applied to the visible faces, and the sand blast directed upon these faces, so as to produce the required appearance.

In the manufacture of what is known as "gray" or "light-colored" granite marble chips in different proportions to produce the desired color may be used. If a darker shade is to be made, broken slate or similar dark-colored rock may be used, and red rock or chips of that class of granite may be used to produce a reddish finish, and generally by varying the color of the rock or mixture which is used with the cement any desired color may be produced.

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

The process herein described of forming artificial building and like blocks and producing a granitic-appearing surface thereon, said process consisting, first, in forming the blocks of concrete, then mixing broken rock and chips with cement and applying the same as a coating to the surface of the block, and then exposing the coated surface to a sand blast for the purpose of finishing the surface and giving thereto the desired appearance.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

GEORGE C. WIGHT.
THEODORE V. GALASSI.

Witnesses:

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