

(No Model.)

2 Sheets—Sheet 1.

E. SMITH.
BUILDING STONE.

No. 507,562.

Patented Oct. 31, 1893.

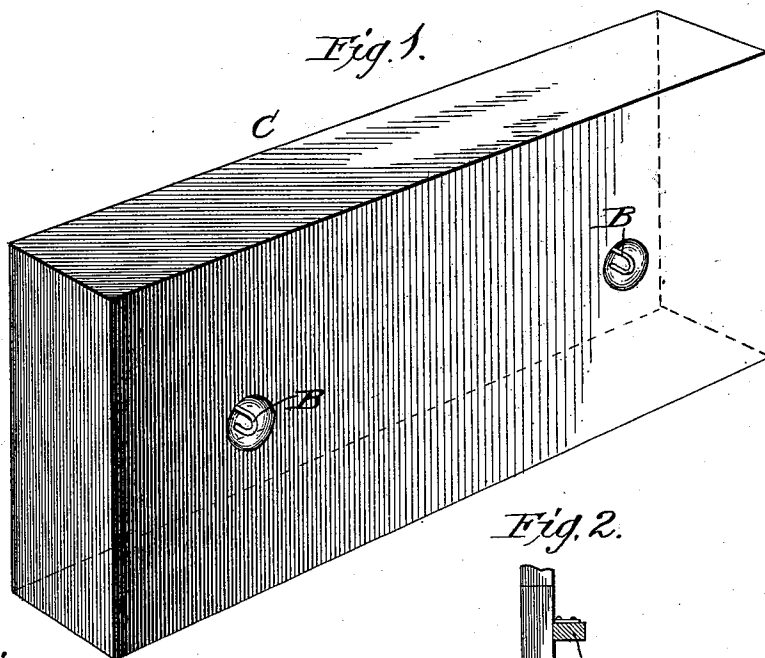
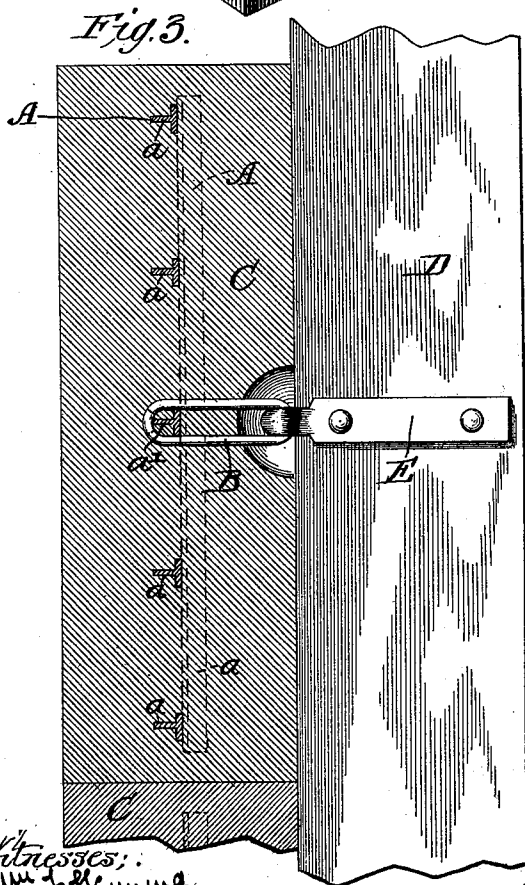
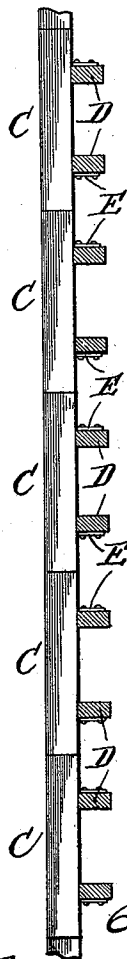


Fig. 2.



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Inventor:
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Fig. 4

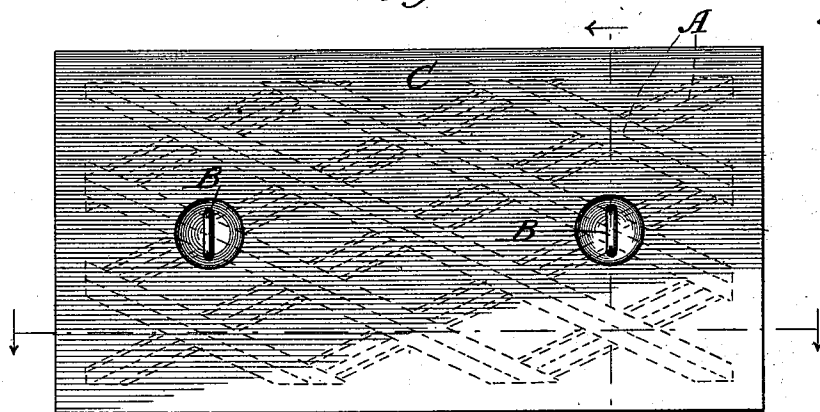


Fig. 5

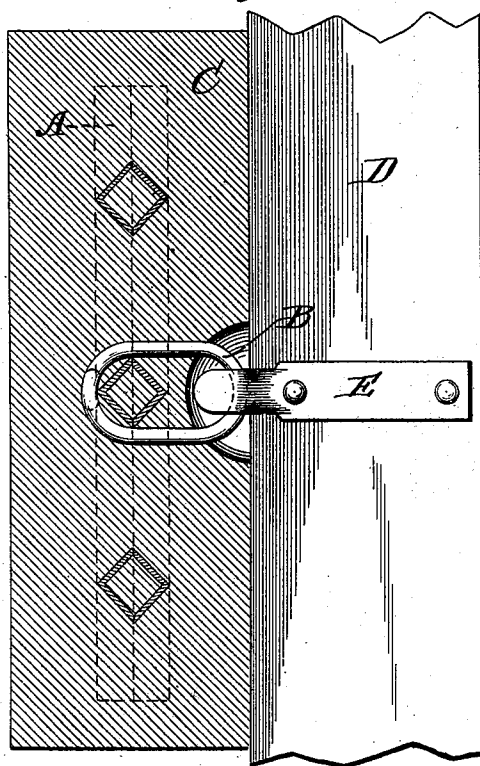
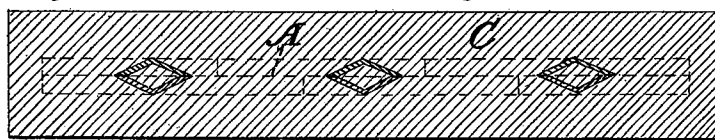


Fig. 6



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UNITED STATES PATENT OFFICE.

EUGENE SMITH, OF CHICAGO, ILLINOIS.

BUILDING-STONE.

SPECIFICATION forming part of Letters Patent No. 507,562, dated October 31, 1893.

Application filed November 30, 1892. Serial No. 453,611. (No specimens.)

To all whom it may concern:

Be it known that I, EUGENE SMITH, a citizen of the United States, residing at Chicago, county of Cook, State of Illinois, have invented a certain new and useful Improvement in Building-Stones; and I declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention has for its object the provision of an artificial building stone or block which may be readily engaged as a facing for the wall or frame of a building.

In the drawings: Figure 1. is a perspective view of one of my building blocks. Fig. 2. is a view of a portion of the wall of a building constructed in accordance with my invention. Fig. 3. shows the manner of engaging the block to the studding. Figs. 4, 5, and 6 show a variation in the shape and arrangement of the interior frame work.

In carrying out my invention A represents what may be termed a frame work composed of bars of metal a of any desirable shape in cross section, and arranged in any suitable way. In Figs. 1, 2, and 3 they are at right angles to each other, while in Fig. 4. they cross as shown. Preferably to the middle one of these rods a' is engaged an eye or staple B. This may of course be any suitable form, and when in proper position extends out at right angles from the frame work.

C. is the body of artificial stone, or cement which goes to make up the block. The eye

or staple B projects out substantially to the surface of the cement and the latter is hollowed out around the eye, so that a hook or other instrument can be engaged into the eye and yet the latter not interfere with bringing the block closely against the surface of a wall if desired.

In the application of my building block the studding D is first erected. The stone is then placed in position on edge, a hook E is engaged in the eye and the opposite end of the same engaged to the studding by a nail, or otherwise. The stones are thus built up and form a facing for the studding, and when completed give every appearance from the exterior of being a solid stone wall. Each stone is independently anchored in place, so that no plaster is needed, and an exceedingly cheap, substantial and neat appearing building is provided.

In Figs. 4, 5 and 6 I have illustrated the use of angle iron bars and arranged them at an acute angle to each other as shown.

What I claim is—

A building block or stone composed of cement, or artificial stone having an interior frame work, and an eye or staple extending from the same substantially to the surface of the block, the material surrounding said staple being removed to allow a hook to be inserted in the staple, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

EUGENE SMITH.

Witnesses:

A. K. FRAIN,

W. H. CHAMBERLIN.