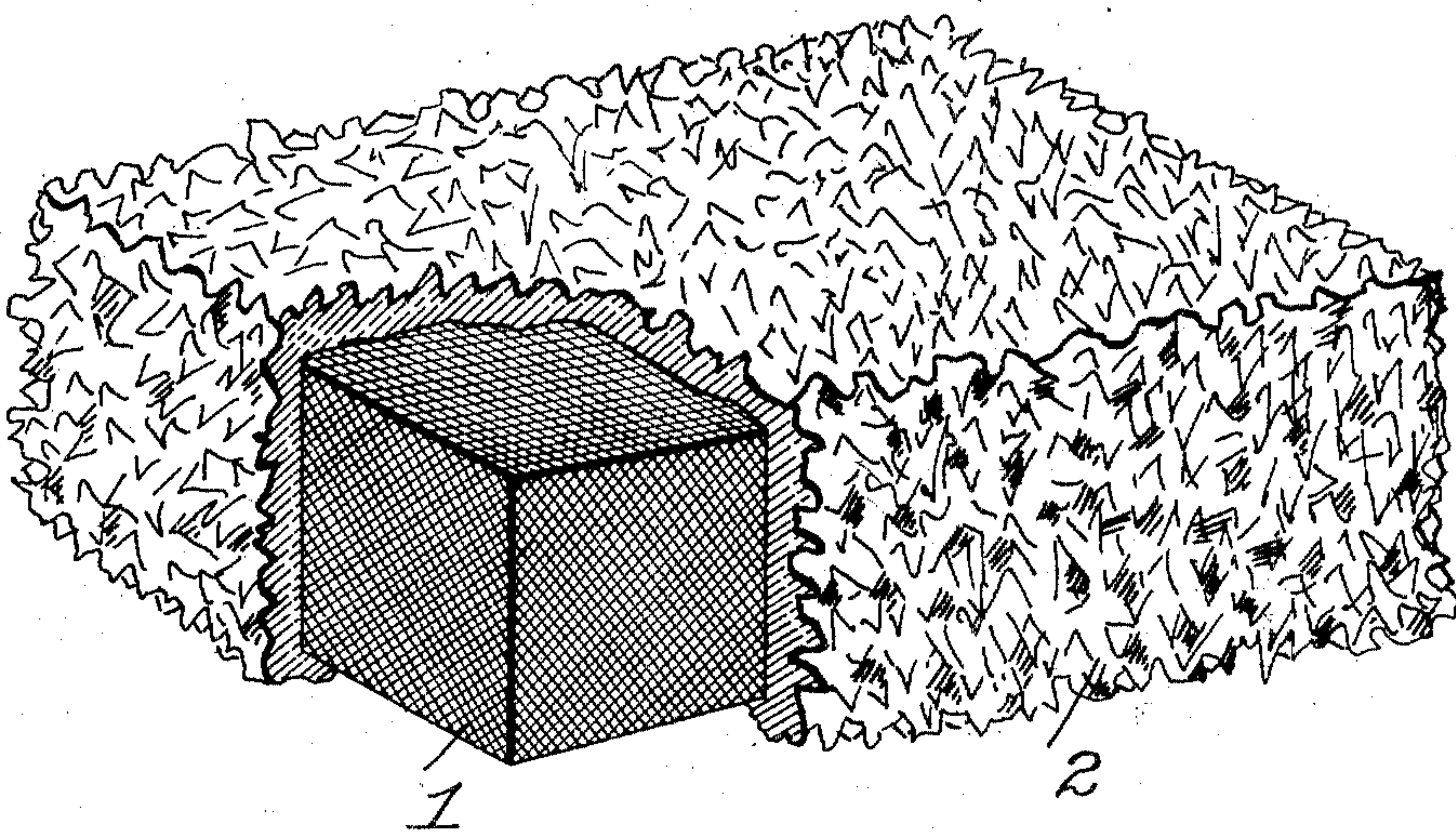


No. 777,589.

PATENTED DEC. 13, 1904.

A. BIBERFELD.  
BUILDING BLOCK OF CRYSTALS.  
APPLICATION FILED NOV. 22, 1904.

NO MODEL.



Witnesses

Edwin L. Yewell  
Alex. Scott

Inventor

Arthur Bibbald

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*J. A. Hines*  
Attorney

## UNITED STATES PATENT OFFICE.

ARTHUR BIBERFELD, OF BERLIN, GERMANY.

## BUILDING-BLOCK OF CRYSTALS.

SPECIFICATION forming part of Letters Patent No. 777,589, dated December 13, 1904.

Application filed November 22, 1904. Serial No. 210,914. (No model.)

*To all whom it may concern:*

Be it known that I, ARTHUR BIBERFELD, of Berlin, in the Province of Brandenburg, Germany, have invented a new Building-Block of Crystals; and I do hereby declare the following to be full, clear, and exact description of the same.

The present invention relates to building-blocks of crystals which are specially designed for ornamenting internal walls. Such blocks are formed of a correspondingly-cut fabric of wire or the like upon which the crystals of sugar-candy or other suitable material are allowed to form. It is obvious that the crystal block may also have the form of a hollow body if the wire support is formed in the shape of a hollow body and then subjected to the crystal-forming process. The application of the block is so devised that it can be effective both when viewed by reflected as well as by transmitted light.

The process of making the block resembles that already known for the preparation of candy, inasmuch as in that case the crystals of candy are caused to form upon strings or fabric. Obviously it is possible to use other crystallizable colored or colorless substances instead of candy—such, for instance, as alum, rock-salt, sulfate of copper, sulfate of iron, &c.

In order to render the blocks formed as above described more resistant, and especially

in order to protect them against moisture, it is advisable to coat the finished blocks with a suitable varnish or coating, such as celluloid, collodion, zapon, varnish, or the like. These coatings may be either colorless or colored.

The accompanying drawing is a perspective view of a building-block embodying my invention. It is shown as partly broken away to disclose how the wire-netting 1 is incased in the crystals 2.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

1. A building block or plate consisting of a binder or body of wire fabric or the like, and a shell of a crystallizable substance crystallized on said body.

2. A building block or plate consisting of a binder or body of wire fabric or the like, and a shell of a crystallizable substance crystallized on said body having a protecting fluid coating.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ARTHUR BIBERFELD.

Witnesses:

HENRY HASPER,  
WOLDEMAR HAUPT.