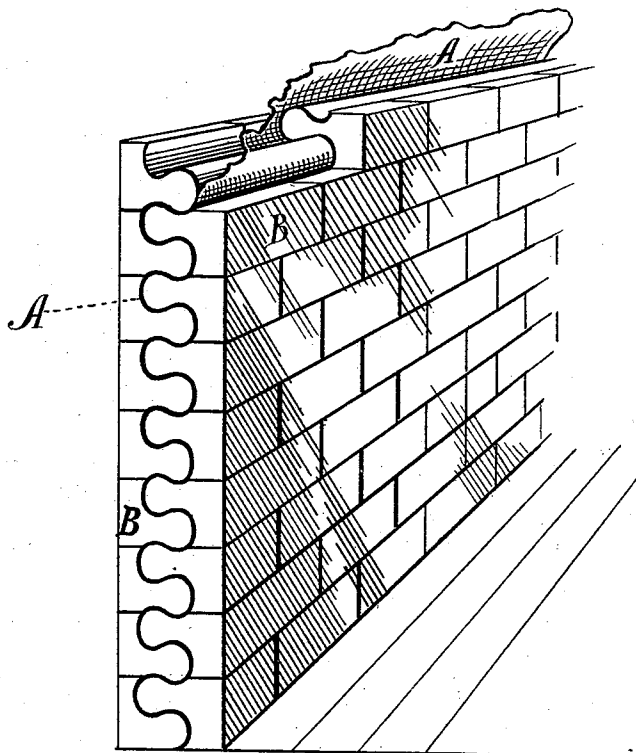


(No Model.)

D. A. STRAW.
SYSTEM OF BRICK OR TILE STRUCTURE.

No. 508,446.

Patented Nov. 14, 1893.



Witnesses

Elliot Whipple

William H. Fischer

Inventor

Daren A. Straw

UNITED STATES PATENT OFFICE.

DARIEN A. STRAW, OF WHEATON, ILLINOIS.

SYSTEM OF BRICK OR TILE STRUCTURE.

SPECIFICATION forming part of Letters Patent No. 508,446, dated November 14, 1893.

Application filed July 20, 1893. Serial No. 481,055. (No model.)

To all whom it may concern:

Be it known that I, DARIEN A. STRAW, a citizen of the United States, residing at Wheaton, in the county of Du Page and State of Illinois, have invented a new and useful System of Brick or Tile Structure, of which the following is a specification.

In the ordinary structure of a brick wall the frost and heat penetrate it, and make the inner side of exposed walls damp at times, and at other times hot, thus requiring plastering upon an inner frame work or upon furring strips to render the structure suitable for dwelling rooms.

My invention is designed to make the wall a non-conductor of heat and frost while at the same time preserving its solid structure. This is accomplished by inserting a continuous sheet of felt or paper between the inside and outside tiers of bricks or tiles which form the structure.

The accompanying drawing illustrates the manner of inserting the felt, as well as the shape of the bricks.

This felt or paper, "A," is similar to building paper, and besides preventing the conduction of heat and frost, furnishes an added

preventive against the penetration of wind, which frequently blows through the ordinary brick or stone wall.

The bricks or tiles, "B," are so shaped as to interlock the inner and outer tiers, thus making the wall perfectly firm without increasing its thickness. Either solid or hollow tile may be used. They may also be laid so as to break joints. Either asbestos, felt or other felted or tarred paper may be used for the non-conducting sheet. The interlocking portions of the tile or brick may be rounded as in the drawing, or angular as in dovetailing.

Besides the advantages already mentioned, this wall will not require plastering, will be more durable than the ordinary wall, and will be entirely fire-proof.

What I claim as my invention, and desire to secure by Letters Patent, is—

A wall, the interior and exterior faces being of interlocking bricks separated by felt or paper, formed substantially as shown and described.

DARIEN A. STRAW.

Witnesses:

ELLIOT WHIPPLE,
WM. H. FISCHER.