

(No Model.)

W. E. CARLETON.
BRICK.

No. 293,716.

Patented Feb. 19, 1884.

Fig. 1.

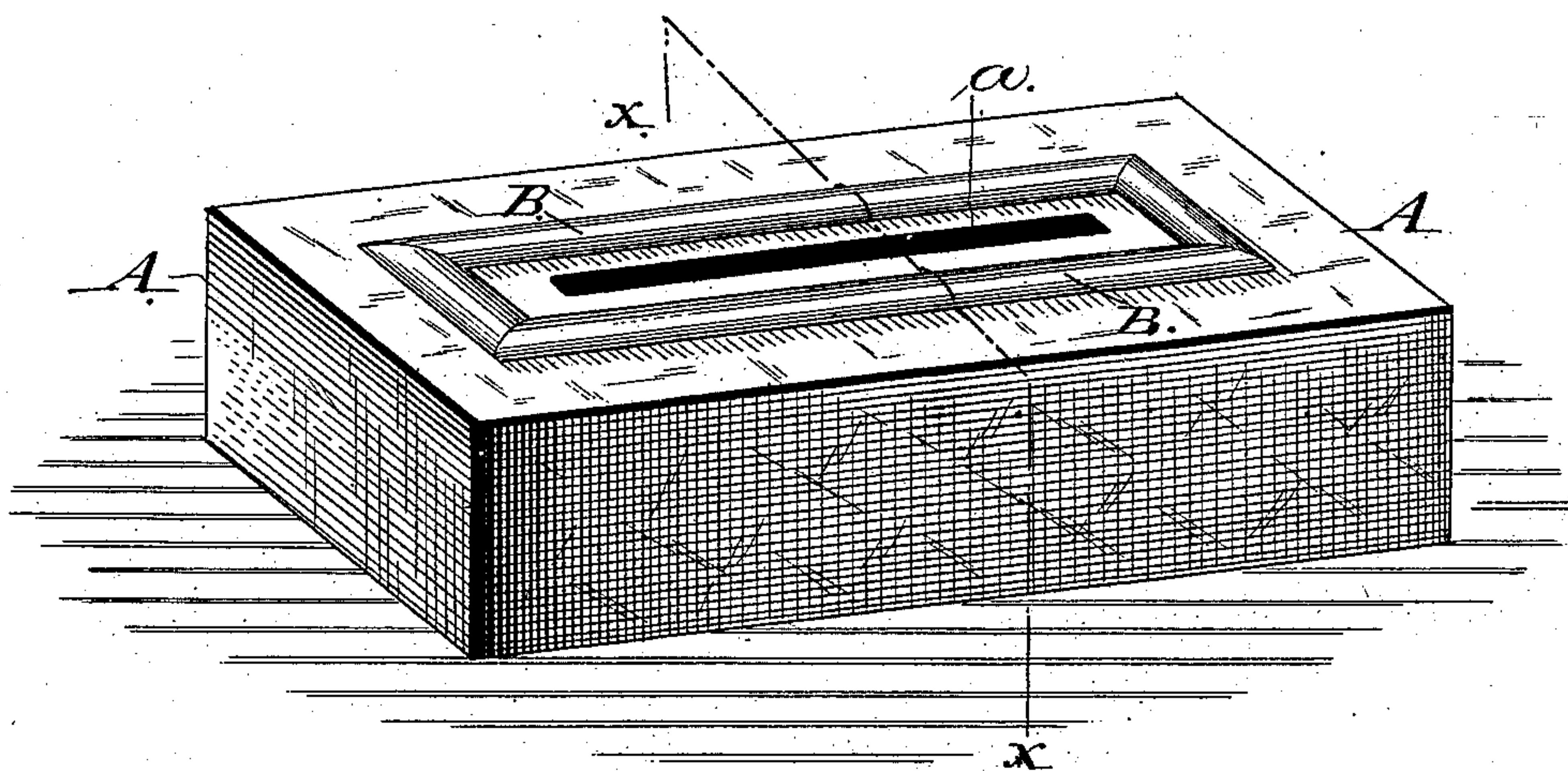
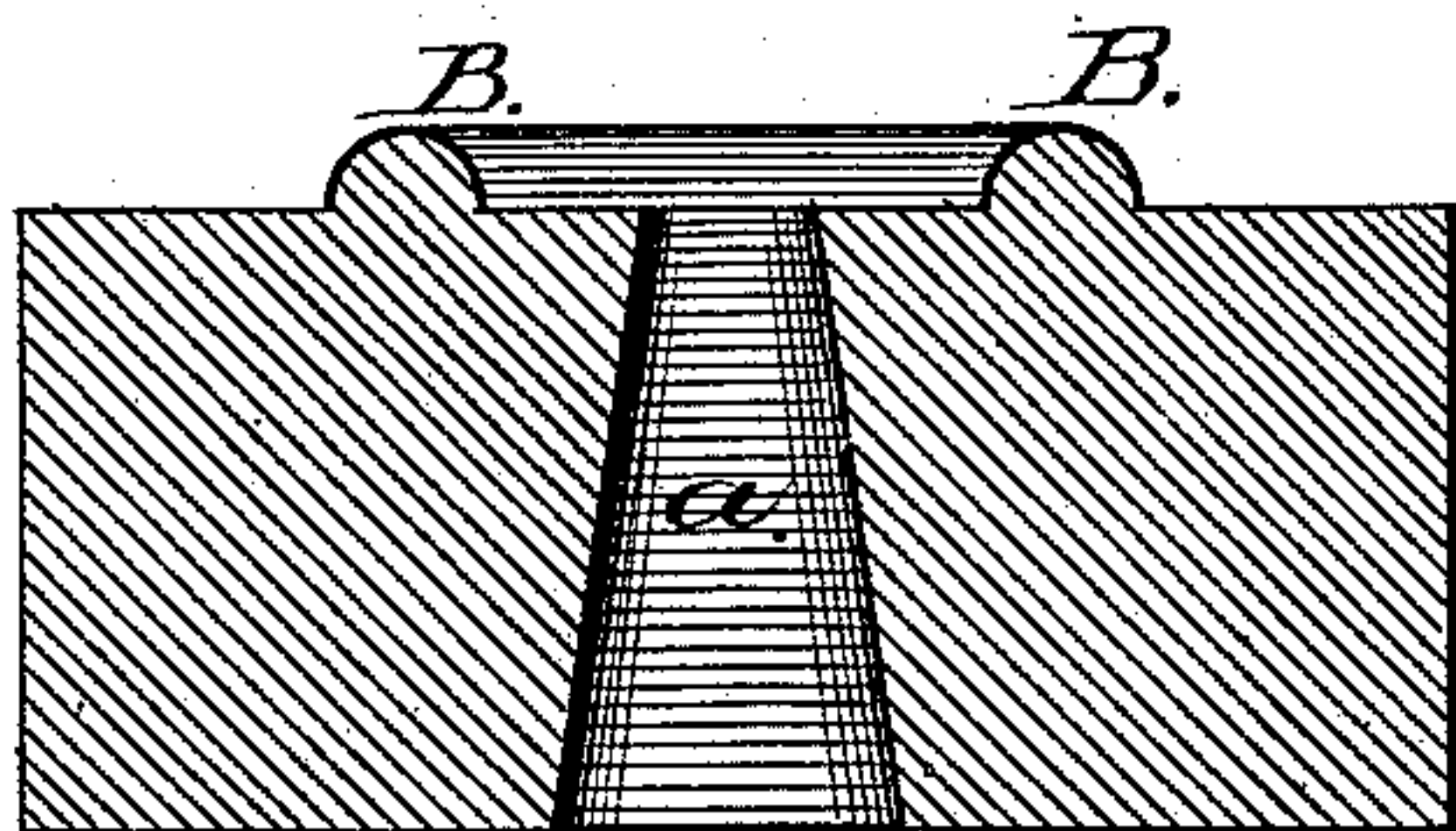


Fig. 2.



Attest;

J. Walter Fowler
W. B. Applewhite

Inventor;

Wm. E. Carleton
per atty
A. H. Evans & Co.

UNITED STATES PATENT OFFICE.

WILLIAM E. CARLETON, OF BOSTON, MASSACHUSETTS.

BRICK.

SPECIFICATION forming part of Letters Patent No. 293,716, dated February 19, 1884.

Application filed December 27, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. CARLETON, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Bricks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

10 Figure 1 is a perspective view of a brick with my improvement formed thereon. Fig. 2 is a vertical section through *xx* of Fig. 1.

My invention relates to that class of bricks formed with slots through for the passage of
15 air through walls, and is an improvement on the perforated brick patented to Louis Prince, May 22, 1883, No. 278,268.

My invention consists in forming a molding on the face of the brick, a beading surrounding the slot or perforation, as herein explained and claimed.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

25 In the drawings, A represents a brick molded with the slot or perforation *a* through its center, to form an air-passage through a wall, as is fully described in the patent before referred to. In the construction of walls built of these perforated brick, the soft mortar is apt to spread and run into the perforations, and consequently they may become closed up and defeat the object sought to be gained by the
35 use of these bricks. Mortar is also liable to

be carelessly forced into these openings with damaging effect.

The object of my present improvement is to overcome these difficulties; and this I accomplish by molding the brick with a beading, B, 40 surrounding the slot or perforation, and rising above the face of the brick to about the distance it is proposed to separate the layers of bricks with mortar. It is evident that by means of this beading I accomplish two important results. First, I prevent the mortar 45 from entering the slot by confining the mortar to the face of the brick outside of the beading, which forms a guard-wall to the slot; and, secondly, I furnish a gage to the workman by 50 which he is enabled to keep his wall level, it being only necessary to see that each layer of bricks is brought down flat upon the beading of the preceding layer, thus avoiding the usual loss of time and labor in leveling each 55 course of bricks as the work progresses.

Having thus explained my invention, what I claim as new, and desire to secure by Letters Patent, is—

As an improved article of manufacture, a 60 brick having a tapering slot or opening, *a*, and provided with a beading, B, surrounding the slot and raised above the face of the brick, substantially as and for the purpose herein set forth.

WILLIAM E. CARLETON.

Witnesses:

ANNA I. TOWNS,
GEORGE C. ABBOTT.