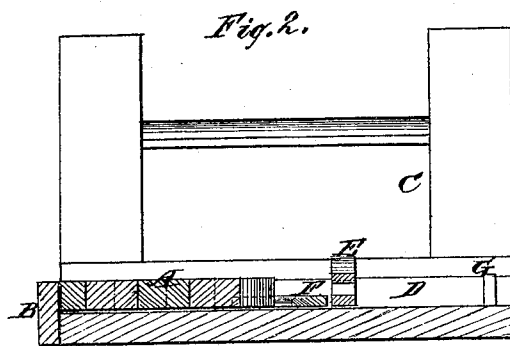
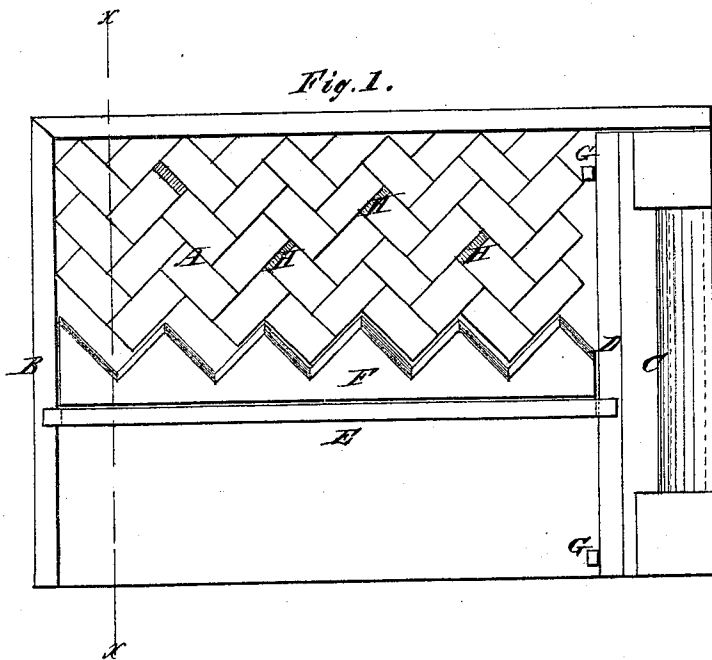


S. C. BREWER.

Forms for Laying Brick Pavement.

No. 132,560.

Patented Oct. 29, 1872.



Witnesses:

P. C. Gueterich
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Inventor:

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UNITED STATES PATENT OFFICE.

SAMUEL C. BREWER, OF WATER VALLEY, MISSISSIPPI.

IMPROVEMENT IN FORMS FOR LAYING BRICK PAVEMENTS.

Specification forming part of Letters Patent No. 132,560, dated October 29, 1872.

To all whom it may concern:

Be it known that I, SAMUEL C. BREWER, of Water Valley, in the county of Yallabusha and State of Mississippi, have invented a new and useful Improvement in Laying Brick Pavements, of which the following is a specification:

My invention is embodied in a device for gaging the bricks for laying "herring-bone" pavement, calculated to insure regularity in the work, so that unskilled labor may be employed, and as good work secured thereby as can be had by the present mode with skilled labor.

Figure 1 is a plan view of a section of pavement, and the apparatus, such as I use for laying it; and Fig. 2 is a cross-section on the line *xx* of Fig. 1.

Similar letters of reference indicate corresponding parts.

A represents the section of pavement laid; B, the curb-stone; C, the wall or fence; D, a scantling, which I lay along the base of the wall to fix the grade, which is shown by pegs G, and to support the gage E, with which I scrape off and arrange the surface of sand whereon the bricks are to be laid. F represents the gage, which I use for adjusting the bricks by as they are laid; it consists of a plank as long as the width of the pavement, with right-angled notches in one edge as deep as the longest brick, the side of which notches are on angles of forty-five degrees with the long axis of the plank, which I use by placing the notches against the bricks after a row has been laid, and then adjusting the short bricks toward it, so that the ends of

the short ones are brought forward against the walls of the notches, and to leave the spaces behind as indicated at H, thus always keeping the front line of the bricks laid regular, which cannot be done in the ordinary way of laying except by the most expert workman. The notches in the said gage being as deep as the longest bricks will cause the gage to be properly adjusted, no matter how much the bricks may vary in length, by the points and the side walls near the points coming against the sides of the bricks. I also adjust the gage F by the gage E, from time to time, or by marks on D and B, to be sure of having the line of points of bricks range exactly perpendicular to them, but this is not very essential. In the ordinary way of laying this kind of pavement, the uniformity of the lines is lost by pressing the bricks backward after being laid on account of pressing back the long and short ones alike, which, it will readily be seen, is entirely avoided by my improvement. The scantling D is afterward taken up and the space left filled in with brick.

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

A brick paving-gage, F, having right-angled notches in one edge as deep as the longest bricks, and whose sides are arranged on angles of forty-five degrees with the long axis, substantially as specified.

SAMUEL C. BREWER.

Witnesses:

W. A. HERRING,
L. E. TURNER.