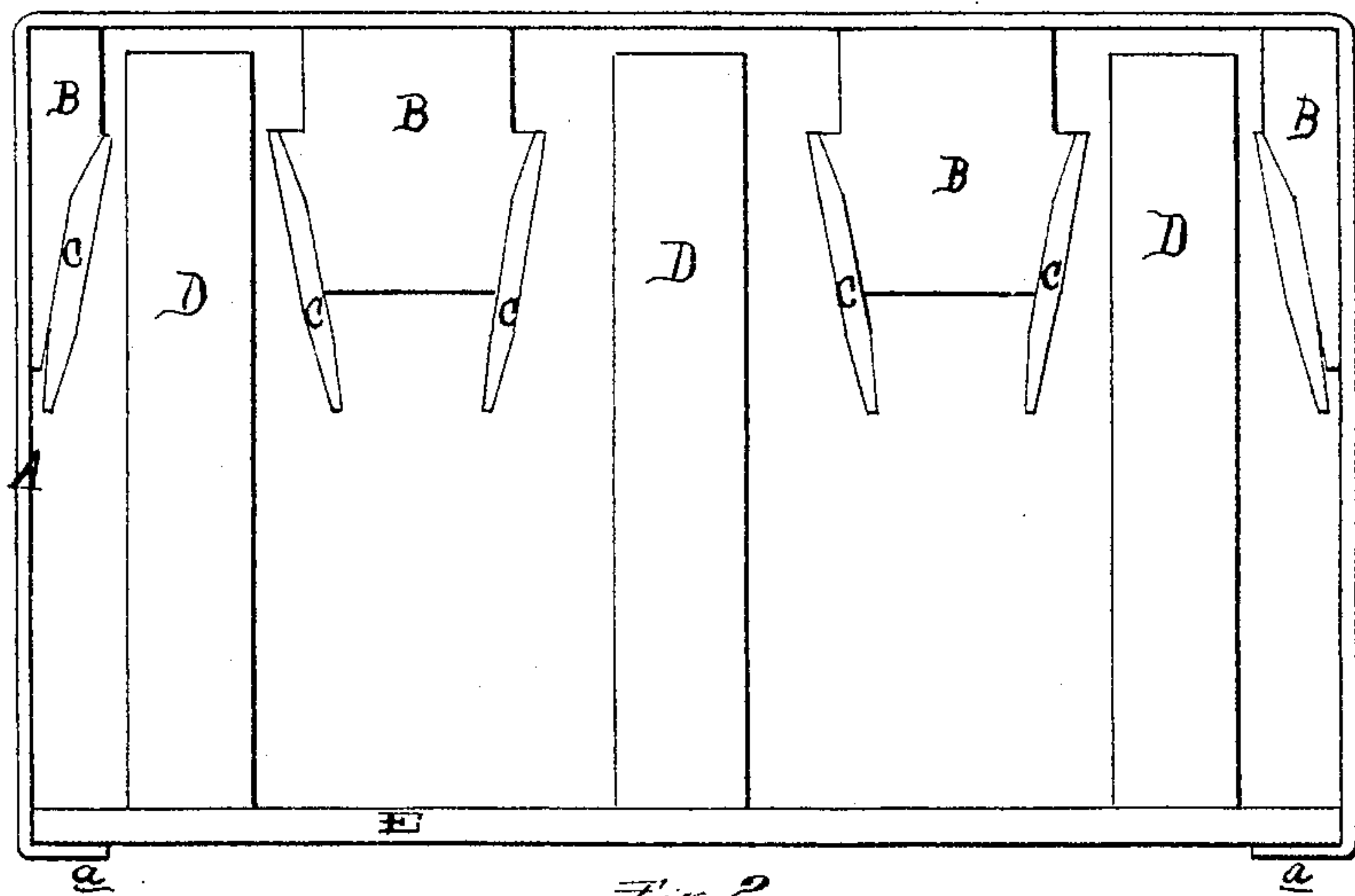
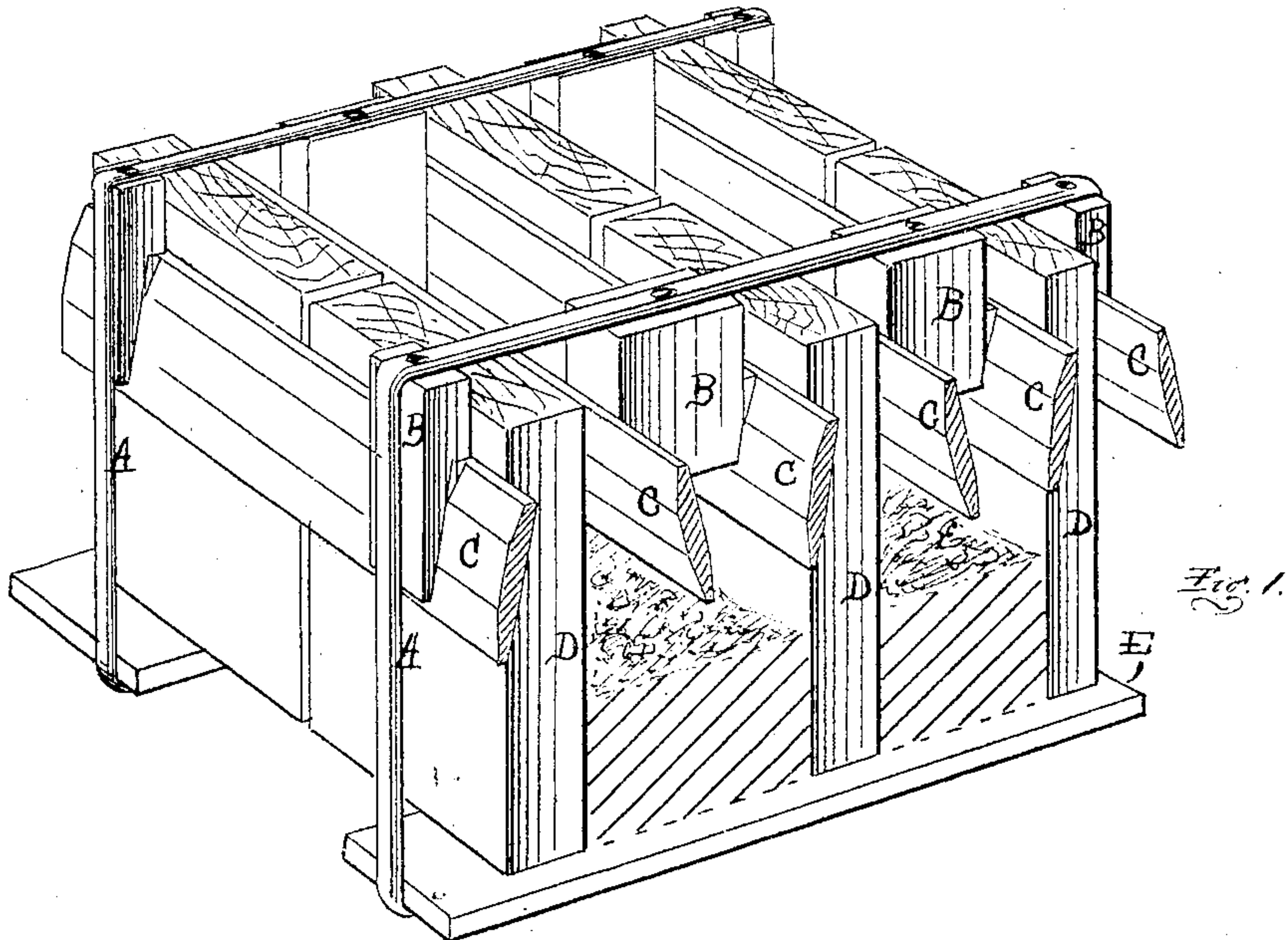


W. GILBERT.

Frames for Setting Paving-Blocks.

No. 134,427.

Patented Dec. 31, 1872.



ATTEST:
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H. F. Eberk.

INVENTOR:
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UNITED STATES PATENT OFFICE.

WILLIAM GILBERT, OF DETROIT, MICHIGAN.

IMPROVEMENT IN FRAMES FOR SETTING PAVING-BLOCKS.

Specification forming part of Letters Patent No. 134,427, dated December 31, 1872.

To all whom it may concern:

Be it known that I, WILLIAM GILBERT, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in a Frame for Setting Paving-Blocks; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective view, showing the operation of my frame; and Fig. 2 is an end elevation.

Like letters refer to like parts in each figure.

The nature of my invention relates to a frame in which wooden blocks used for road-paving may be kept in position, while the spaces between the rows may be partially filled with gravel, so that when the said frame is withdrawn the blocks will be supported in their proper positions by the gravel previously filled in, when the filling process may be completed. The invention consists in the peculiar construction of the frame, as more fully hereinafter set forth.

In the drawing, A A represent two light bars of iron bent to the form shown, which includes one long and the two short sides of a parallelogram, with turned ends *a*, which support them in a vertical position. To the under sides of the long or horizontal parts of the frames are secured, at each end and at intervals, pendent blocks B, to the sides of which are secured the slats C, extending from the blocks of one frame to those of the other, and thus connecting them together. As seen in

the drawing, these slats are arranged in pairs, between which the wooden blocks D are placed, standing on end, on the ground, with their upper ends so supported and held in place by the slats that they are prevented from being thrown down while the gravel is shoveled in, which gravel partially fills the spaces between the rows of blocks, as shown, so that when the frame is lifted out the blocks are supported by the gravel, when the filling process may be completed.

In order to prevent the gravel from wedging between the slat of one row and the adjacent one of the next row, I place all the slats in an inclined position flaring outwardly from the gravel-spaces.

In practice it is found convenient to employ a board, E, to rest on the ends *a* of the frame-bars and form a floor on which to stand the blocks, and I then place the frame on the ground at the required spot; then the floor-board may be withdrawn, endwise, after the gravel has been shoveled in.

This frame is especially adapted for setting the light and thin blocks which, by many, are deemed preferable to those of two and three inches in thickness, heretofore generally used in wooden pavements.

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

The frame-bars A, blocks B, and slats C, in pairs, and with or without the floor E, substantially as and for the purpose set forth.

WILLIAM GILBERT.

Witnesses:

H. F. EBERTS,
H. S. SPRAGUE.