

(No Model.)

M. LEVI.
PAVING BLOCK.

No. 466,351.

Patented Jan. 5, 1892.

Fig. 1.

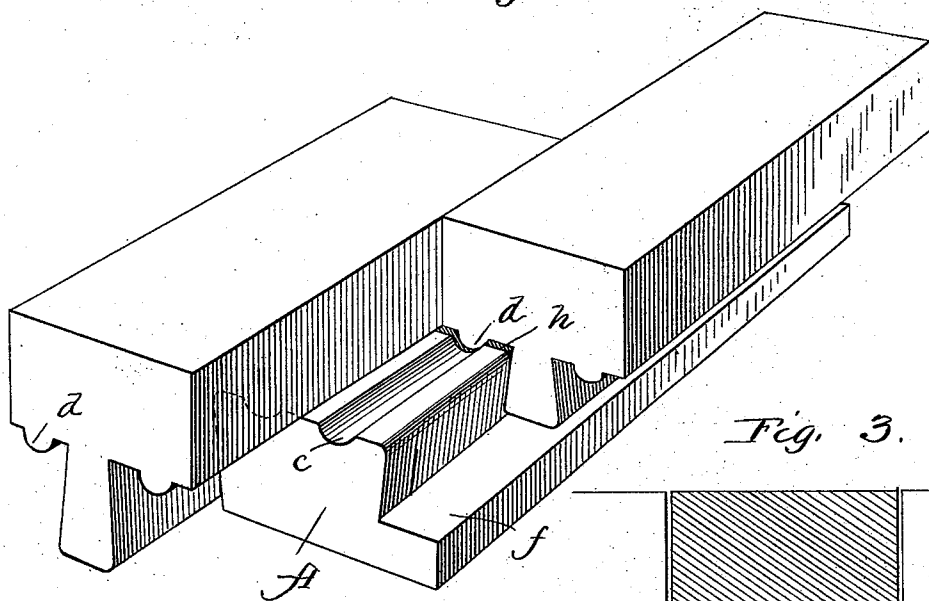


Fig. 3.

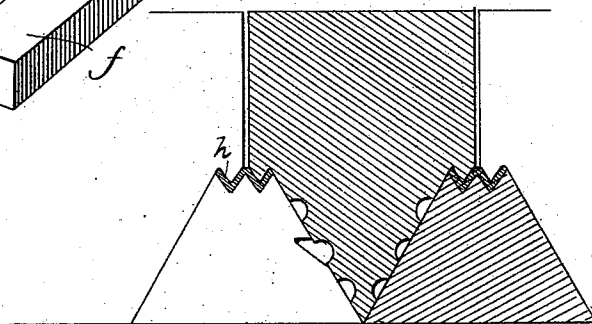
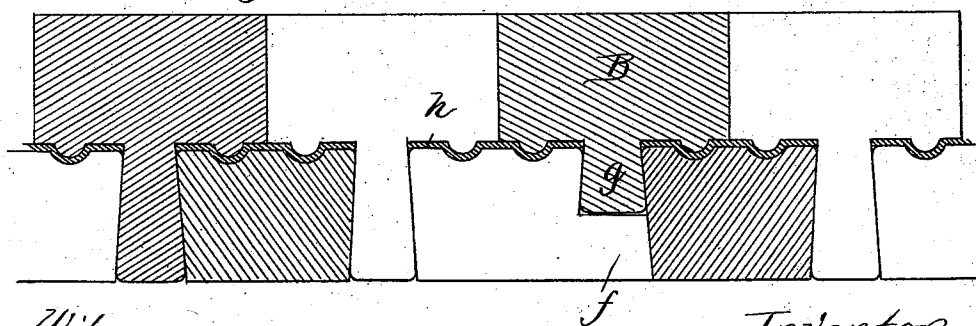


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

MORDICAI LEVI, OF CHARLESTON, WEST VIRGINIA.

PAVING-BLOCK.

SPECIFICATION forming part of Letters Patent No. 466,351, dated January 5, 1892.

Application filed February 12, 1891. Serial No. 381,197. (No specimens.)

To all whom it may concern:

Be it known that I, MORDICAI LEVI, a citizen of the United States of America, residing at Charleston, in the county of Kanawha and State of West Virginia, have invented certain new and useful Improvements in Pavement-Blocks, of which the following is a specification.

My invention relates to paving-blocks of that class in which a base is laid composed of blocks upon a suitable foundation and surface-blocks laid upon the base-blocks.

I have aimed to secure the greatest possible amount of stability to a pavement composed of my blocks by providing a large bearing-surface for each surface-block, which rests upon four base-blocks. I have also endeavored to prevent the displacement of the surface-blocks by locking or anchoring them in place both against vertical and lateral displacement. I have further aimed to render a pavement composed of my improved blocks noiseless by the interposition of a cushion between the base and surface blocks.

I have shown in the accompanying drawings, in Figure 1, the preferred form of base and surface blocks with the interposed cushion between them. Fig. 2 shows the blocks in section and end elevation. Fig. 3 is a modified form of the bricks with the cushion.

In the drawings I have indicated the foundation or base blocks at A. The form shown in Fig. 2 has a broad base with inclined side walls. The upper surfaces of the blocks are formed on each side of the center with either a groove *c* or a rib *d*, as in Fig. 2. A ledge *f* extends beyond the wall of the block on a lower plane, as in Fig. 1, and when four of these base-blocks are placed together in square form the ledge or projection *f* on two of the blocks abut against the edges of the adjacent blocks, and thus form a recess adapted to receive the dovetail projection *g* on the base-block B. To conform to the shape of the projection I make the walls of the base-blocks forming the recesses slightly inclined, and thus a lock is formed when the blocks are laid which prevents the surface-block from being lifted out

of place without separating the base-blocks which hold it. The ledge *f* also forms a substantial support for the lower end of the projection *g*. The ledge, however, is not absolutely essential, as the projection on the surface-block may be made longer and extend to the bottom of the base-block, as in Fig. 2. The surface-blocks on either side of the central projection are provided with a bead or groove corresponding to like formations in the surface of the base-blocks. These register and thus prevent lateral displacement of the blocks.

In order to deaden the noise usual to pavements made of blocks of this general character, where a pavement is to be laid in the vicinity of a dwelling or around the same, I interpose between the blocks, as shown at *h*, a cushion which is preferably of pulp, but may be of any suitable material. This lessens the noise very materially, cushioning the action of one block upon the other.

In the modified form of block in Fig. 3 I have shown the same cushion interposed between the base and surface blocks.

Having thus described my invention, what I claim is—

1. Base-blocks provided with beads or grooves on their upper faces, combined with a surface-block having a central projection adapted to pass between the walls of the base-blocks, and grooves or beads in the surface-block adapted to the formations on the base-blocks, substantially as described.

2. Base-blocks provided with beads or grooves in their upper faces, combined with surface-blocks having a central projection adapted to pass between the walls of the base-blocks, grooves or beads in the surface-block adapted to the formation of the base-blocks, and an interposed cushion between the two, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

MORDICAI LEVI.

Witnesses:

HENRY E. COOPER,
MARGARET V. COOPER.