(No Model.)

I. L. LANDIS.

PAVEMENT CURB.

No. 389,391. Patented Sept. 11, 1888.

Fig. 1.

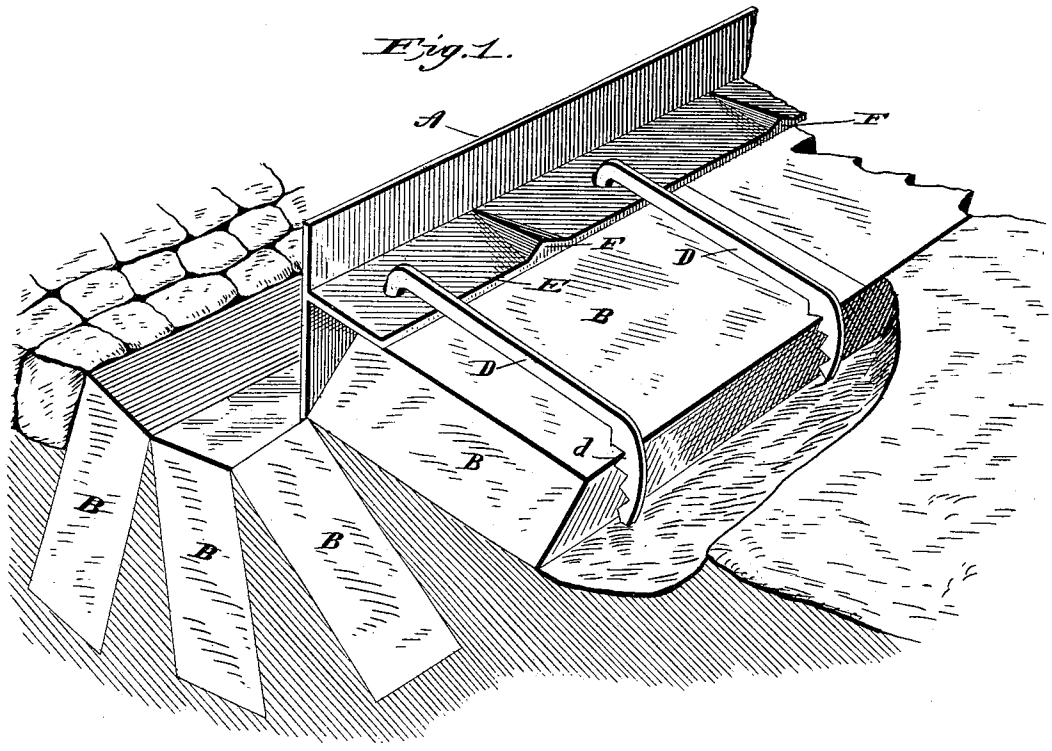


Fig. 2.

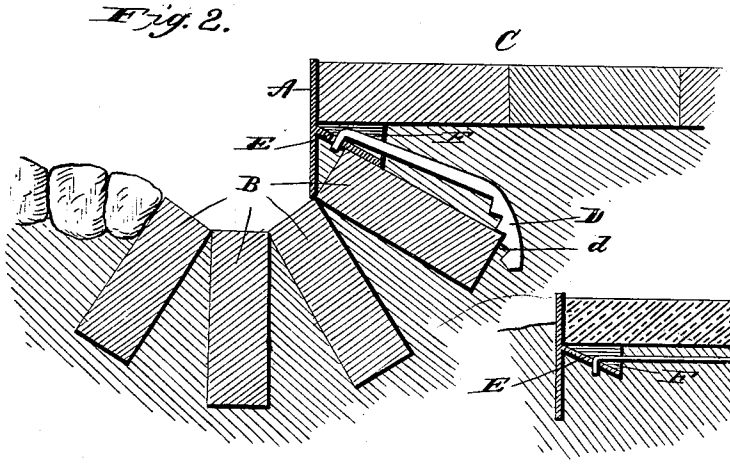
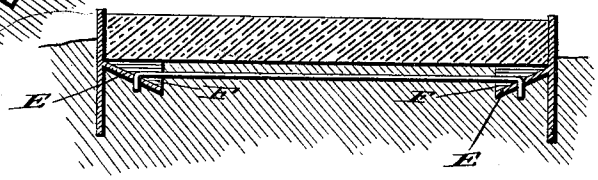


Fig. 3.



WITNESSES

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PAVEMENT-CURB.

SPECIFICATION forming part of Letters Patent No. 389,391, dated September 11, 1888.

Application filed July 16, 1888. Serial No. 280,038. (No model.)

To all whom it may concern:

Be it known that I, ISRAEL L. LANDIS, a citizen of the United States, residing at Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Pavement-Curbs, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has for its objects to provide a cheap and durable curb for street-pavements, which can be readily applied at the joint of the pavement and gutter, so as to make a neat facing for the same, and which will lock the bricks of the pavement and gutter securely together.

The invention further has for its object to form, in connection with the improved curb, a seat for the outer row of the bricks of the pavement, so that the same may be readily laid flush with the upper edge of the curb-plate, as more fully hereinafter specified.

These objects I obtain by the means illustrated in the accompanying drawings, in which—

Figure 1 represents a perspective view of a portion of a street, showing my improved curb applied thereto. Fig. 2 represents a transverse vertical sectional view of the same; and Fig. 3 represents a sectional view of a street and pavement, showing a modification of my invention.

Referring to the drawings, the letter A indicates a flat metal plate which forms the outer face of the curb.

B represents the bricks forming the gutter, and C the bricks of the pavement.

The letter D indicates a series of hooked bolts, which are connected with the said plate and extend backward to the rear of the upper row of bricks constituting the inner edge of the gutter. The said hooks at their rearward bent ends are serrated, as indicated by the letter *d*, so as to engage the upper rear edge of the bricks at whatever angle they may be set, so as to neatly secure and lock the plate thereto.

The letter E indicates an inclined plate, which may be cast with the plate A or conveniently secured thereto, and F a series of triangular lugs or rearward extensions on the upper face of the inclined plate, which form a seat for the outer row of the bricks of the pavement and keep the same flush with the upper edge of the curb-plate and in a truly level position. The hooked bolts are preferably secured to the inclined plates, which are provided with apertures at suitable distances apart to receive the forward hooked ends of said bolts; but the bolts may be headed and secured directly to the curb-plate A, the said plate in such case being provided with suitably-spaced apertures for the purpose.

In the modification shown in Fig. 3 of the drawings my invention is illustrated as applied to opposite sides of a pavement. In this instance the plates are each provided with the inclined plates or flanges E, and the hooked bolts extend entirely across the bed of the pavement and their hooked ends are locked in the apertures in the inclined plates, before mentioned.

When the bolts are secured directly to the curb-plate A, the inclined plate may be formed separately from the same and laid in position adjacent the same in the construction of the pavement.

It will be apparent that the curb as above constructed and applied will securely lock the bricks of the pavement and curb in position, and owing to the simplicity of its construction can be readily and cheaply supplied and set without skilled labor, so as to form a neat facing at the junction of the pavement and gutter.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination, with the upper row of bricks, which form the inner edge of the gutter, and the outer row of pavement-bricks, of the flat curb-plate and the hooked bolts engaging the rear edges of the bricks forming the inner edge of the gutter, substantially as specified.

2. The combination, with the upper inner row of the bricks of the gutter and the outer row of the pavement-bricks, of the curb-plate and hooked bolts provided with serrations to engage the edges of the bricks of the gutter, substantially as and for the purposes specified.

3. The combination, with the curb-plate, of the inclined plate and the engaging-hooks se-

cured in apertures in the same and locking over the rear edges of the upper row of gutter-bricks, substantially as specified.

4. The combination, with the curb-plate and the inclined plate, of the triangular lugs or rearward extensions forming seats for the outer row of pavement-bricks, substantially as specified.

5. The combination, with the gutter-bricks and the pavement-bricks, of the curb-plates arranged at opposite sides of the pavement, the inclined plates forming part of the curb-plates, and the hooked bolts secured in apertures in the inclined plates, whereby the curb-plates are held in place, substantially as specified.

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

ISRAEL L. LANDIS.

Witnesses:
SCHUYLER DURYEE,
CHAS. D. JOST.