

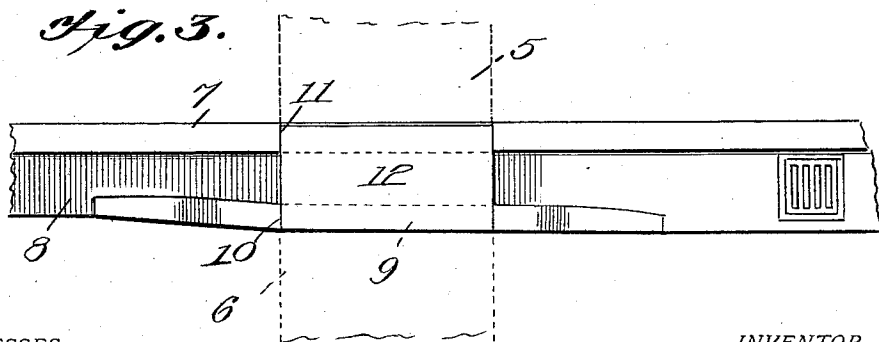
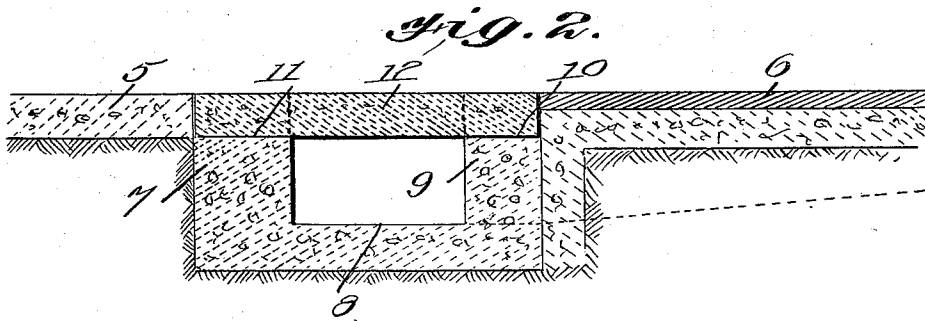
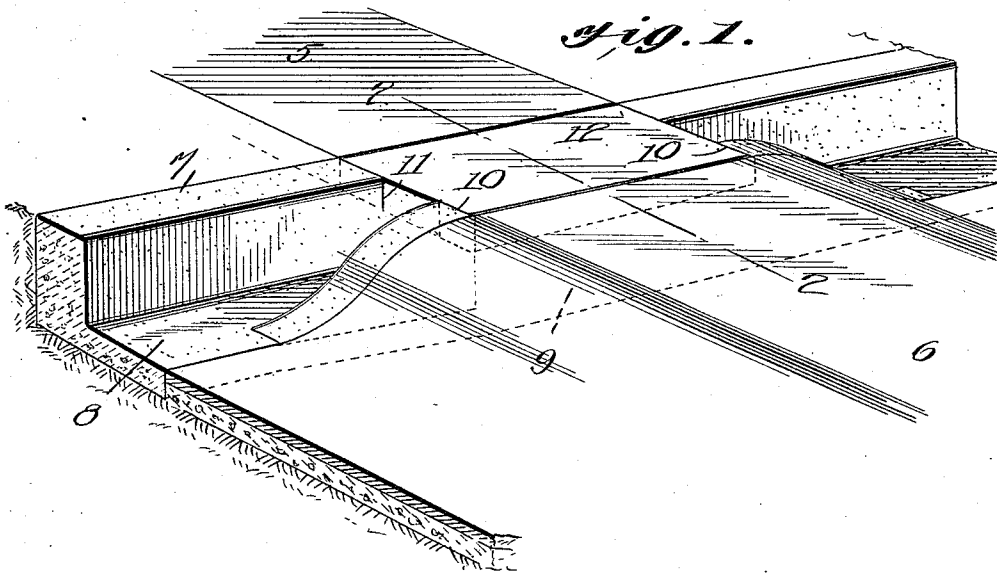
H. J. FIXMER.

CROSS WALK.

APPLICATION FILED MAR. 4, 1912.

1,043,310.

Patented Nov. 5, 1912.



WITNESSES

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HUGH J. FIXMER, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO SIEMERT-CALLSEN COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

CROSS-WALK.

1,043,310.

Specification of Letters Patent.

Patented Nov. 5, 1912.

Application filed March 4, 1912. Serial No. 681,410.

To all whom it may concern:

Be it known that I, HUGH J. FIXMER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cross-Walks, of which the following is a specification.

This invention has for its object to provide an improved cross-walk for street pavements, a structure being produced whereby disruption of the curb because of expansion of the side-walk is prevented.

The invention also has for its object to eliminate a step and dangerous opening at the cross-walk thereby making the structure ideal for pedestrians, especially children and old people, baby-carriages, etc.

A further object of the invention is to provide a structure which enables the gutter to be easily cleaned.

With these and other objects in view as will appear hereinafter, the invention consists in a novel combination and arrangement of parts to be pointed out in the following detailed description, reference being had to the accompanying drawing in which—

Figure 1 is a perspective view of the structure; Fig. 2 is a cross-section on the line 2—2 of Fig. 1, and Fig. 3 is a plan view.

Referring specifically to the drawing, 5 denotes a side-walk and 6 is the street. The side-walk is lined with a curb 7 which may be a concrete block having an angular shape in cross-section. The vertical portion of the block forms the curb and abuts against the edge of the side-walk, and the horizontal portion 8, which latter is at the bottom of the curb, forms a gutter. At the crossing, 40 a wall 9 rises from the gutter, said wall being located at the outer edge of the gutter, against which latter the street 6 abuts. The wall 9 is spaced from the curb 7 and extends a short distance on opposite sides of the 45 crossing, and at the latter, the top of the wall 9 has a recess 10 which is directly opposite, or in alinement, with a recess 11 in the top of the curb 7. A slab 12 bridges the space between the curb 7 and the wall 9, 50 said slab seating in the recesses thereof and

having its top flush with the top edge of the curb 7 and the wall 9. The slab fits loose in the recesses, and is therefore removable and free to yield when the side-walk expands, thereby obviating all danger of the 55 curb being damaged by such expansion.

The structure herein described forms a channel at the crossing, the side-walls of which are the curb 7 and the wall 9. It will be noted that these walls are not parallel, the 60 wall 9 extending divergently with respect to the curb 7, whereby a channel is had which is wider at one end than at the other. The advantage of this arrangement is that the channel is easier to clean, it being in 65 fact practically self-cleaning.

The wall 9 extends at its ends with a double curve down to the top of the gutter 8. The street 6 comes flush with the top of the gutter and at the crossing it is raised 70 to come flush with the top of the wall 9 and the slab 12, the rise being gradual and conforming to the curve of the top edge of the wall 9. This structure eliminates a step at the crossing. 75

The structure herein described is simple and can be cheaply produced, and it effectually serves the purpose for which it is designed. The various parts may be formed 80 of concrete, plain or reinforced.

I claim:

1. A cross-walk for street pavements comprising a curb having a top recess, and an outwardly extending horizontal bottom portion to form a gutter, a wall rising from 85 the extremity of said bottom portion and having a top recess which is opposite the first mentioned recess, and a crossing-slab loosely seating in the recesses.

2. A cross-walk for street pavements comprising a curb having a top recess, and an outwardly extending horizontal bottom portion to form a gutter, a wall rising from 90 the extremity of said bottom portion and having a top recess which is opposite the first mentioned recess, said wall extending divergently with respect to the curb, and a crossing-slab loosely seating in the recesses. 95

3. A cross-walk for street pavements comprising a curb having a top recess, and an 100

outwardly extending horizontal bottom portion to form a gutter, a wall rising from the extremity of said bottom portion and having a top recess which is opposite the first
5 mentioned recess, said wall having its top extending in a curve down to the top of the aforesaid gutter.

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

HUGH J. FIXMER.

Witnesses:

H. G. BATCHELOR,
S. J. LEHRER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

Correction in Letters Patent No. 1,043,310.

It is hereby certified that the name of the assignee in Letters Patent No. 1,043,310, granted November 5, 1912, upon the application of Hugh J. Fixmer, of Chicago, Illinois, for an improvement in "Cross-Walks," was erroneously written and printed "Siemert-Callsen Company," whereas said name should have been written and printed *Siewert-Callsen Company*; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 24th day of December, A. D., 1912.

[SEAL.]

C. C. BILLINGS,

Acting Commissioner of Patents.