

T. HYATT.
SIDE-WALK.

No. 181,346.

Patented Aug. 22, 1876.

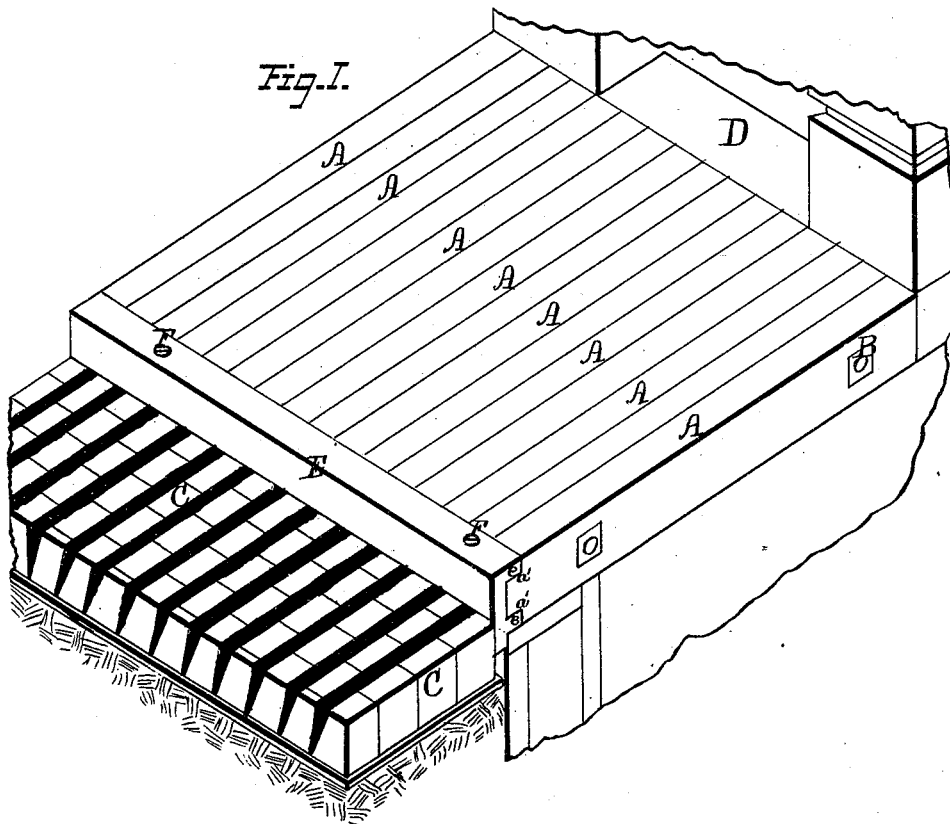


Fig. 1.

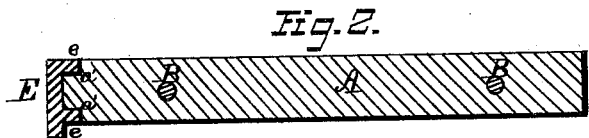


Fig. 2.

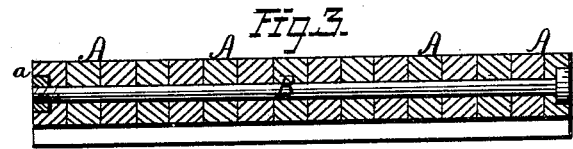


Fig. 3.

WITNESSES:
G. S. Hutchinson
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INVENTOR
Thaddeus Hyatt, by
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UNITED STATES PATENT OFFICE.

THADDEUS HYATT, OF NEW YORK, N. Y.

IMPROVEMENT IN SIDEWALKS.

Specification forming part of Letters Patent No. **181,346**, dated August 22, 1876; application filed February 5, 1874.

To all whom it may concern:

Be it known that I, THADDEUS HYATT, of New York, in the county of New York, and in the State of New York, have invented certain new and useful Improvements in Side-Walks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 is a perspective view of a sidewalk constructed by my improved method. Fig. 2 is a section of the same upon a line at right angle to that of the roadway, and Fig. 3 is a like view of the same upon a line with the course of travel.

Letters of like name and kind refer to like parts in each of the figures.

In the construction of sidewalks for use in business thoroughfares it has heretofore been necessary that they should be supported by continuous and expensive foundations, in order that the weight of articles of merchandise moved across said walks should not cause them to sink in places, and thus form an uneven and unsafe footway.

To obviate this difficulty, to lessen the expense, and to increase the strength and durability of a sidewalk, is the design of my invention, which consists, principally, in a sidewalk constructed from strips of board, combined so as to present their edges to wear, the whole to extend between the street-curb and building, and to be self-sustaining without the use of a supporting-frame, substantially as and for the purpose hereinafter specified.

It consists, further, in the construction of the metal curb, and its combination with the sidewalk, substantially as and for the purpose hereinafter shown.

In the annexed drawing, A and A represent a series of boards, arranged in parallel lines, with their edges outward, and secured together by means of two or more bolts, B and B, which pass transversely through the same, and have their heads and nuts contained within corresponding recesses *a*, formed in the face of each outer board.

In length the boards A and A correspond to the distance between the line of the street-pavement C and the front of the building D, at which points it is designed that suitable supports shall be provided, while in an opposite direction, or in a line with the

travel, it is intended that the pavement shall, if the distance is not too great, be composed of but one section, so as to be continuous.

For unusual lengths of pavement, two or more sections constructed as described may be employed.

The outer edge of the walk is inclosed by means of a metal curb, E, which, as seen in Figs. 1 and 2, is provided upon its inner side with two parallel flanges, *e* and *e*, that extend horizontally inward, and fit into corresponding rabbets *a'* and *a'*, formed in the upper and lower corners of the boards. A number of screws, F, are passed inward through suitable openings in said curb into said walk, and serve to secure said parts firmly together.

The curb thus constructed and combined with the sidewalk not only protects the edge of the latter from abrasion or other like injury, but also prevents the boards composing said walk from checking or splitting, and forms a neat finish for such part.

The sidewalk described possesses great vertical rigidity, and each of its parts is so thoroughly supported from either side as to make the whole walk practically homogeneous, so that a strain thrown upon one portion is distributed over and borne by the remaining portions.

This construction renders unnecessary the usual expensive foundation, as it is only requisite that the sidewalk should be supported at its edges in order that it may be in condition to perform in a satisfactory manner all required offices.

Having thus fully set forth the nature and merits of my invention, what I claim as new is—

1. A sidewalk constructed from strips of board, combined so as to present their edges to wear, substantially as and for the purpose specified.

2. The curb E, *e*, and *e*, constructed as shown, and combined with the sidewalk A, *a'*, and *a'*, in the manner and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 26th day of July, 1873.

THADDEUS HYATT.

Witnesses:

AMBROSE MONELL,
CHARLES SPYR.