

J. W. SNYDER.
Laying Concrete Pavements.

No. 139,272.

Patented May 27, 1873.

Fig 1.

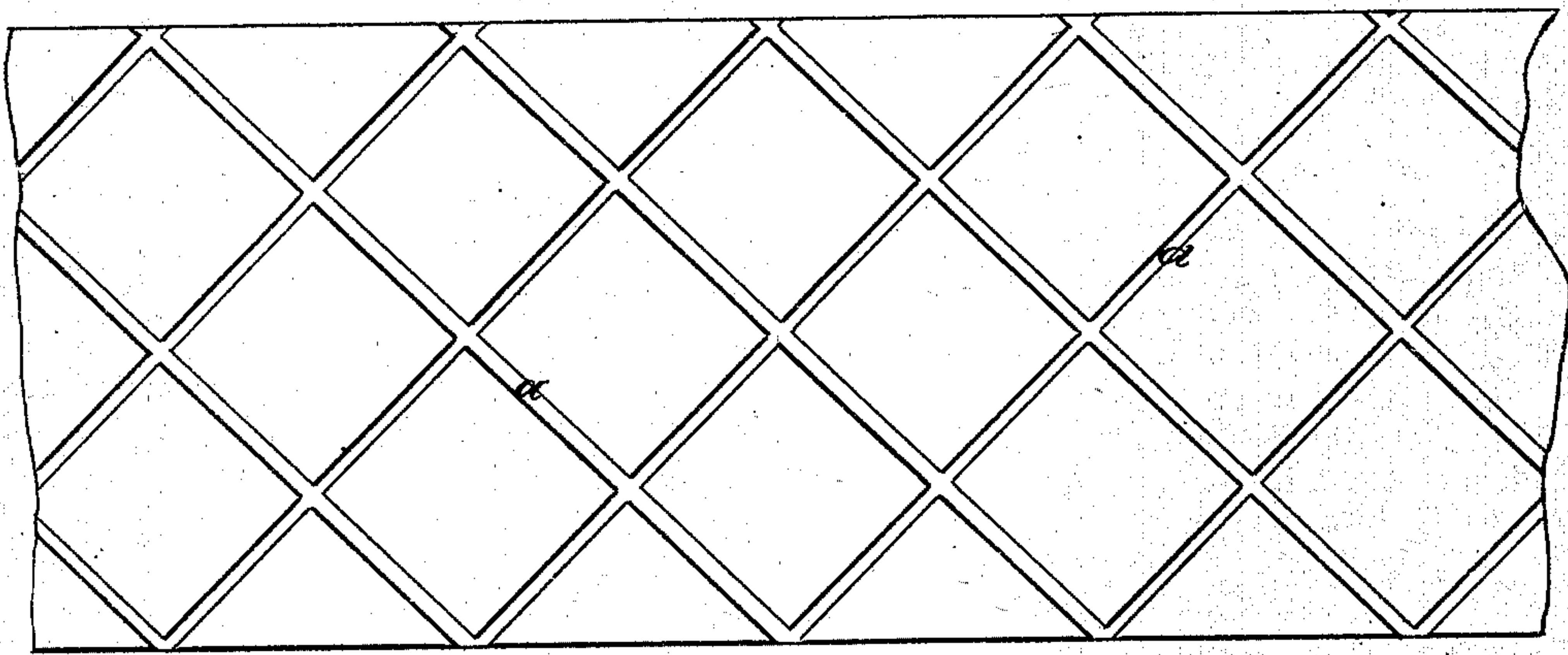


Fig 2.

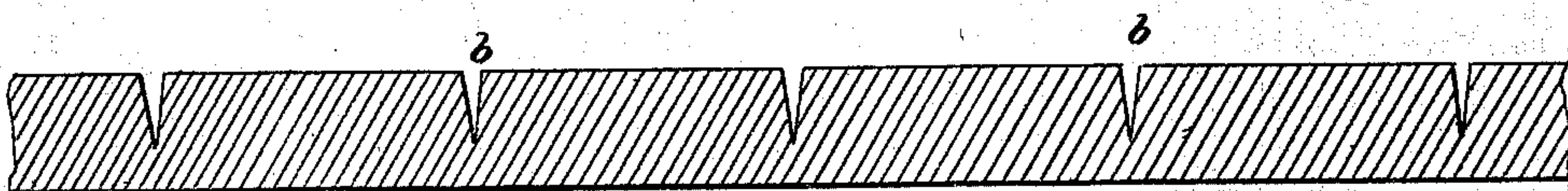


Fig 3.

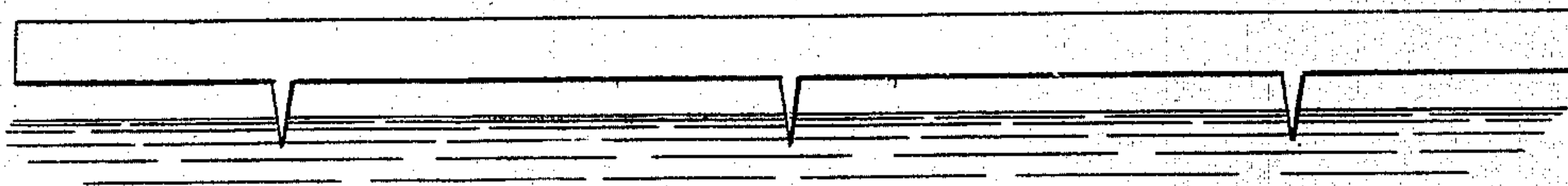
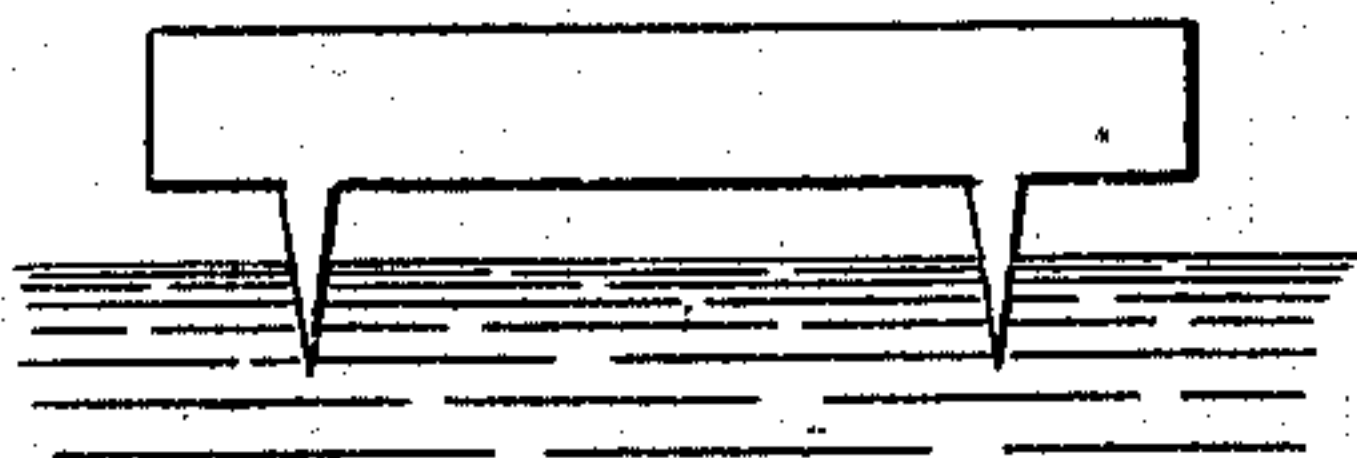


Fig 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

JESSE W. SNYDER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN LAYING CONCRETE PAVEMENTS.

Specification forming part of Letters Patent No. **139,272**, dated May 27, 1873; application filed March 15, 1873.

To all whom it may concern:

Be it known that I, JESSE W. SNYDER, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Concrete Pavements; and I do declare that the following is a true and accurate description thereof:

Figure 1 shows a plan view of my invention. Fig. 2, a vertical section thereof. Fig. 3 shows a longitudinal section of beveled-iron frame. Fig. 4 shows a cross-section of beveled-iron frame.

a, in Fig. 1, represents space after frame-work has been withdrawn. *b*, in Fig. 2, represents the same in section.

Description of Iron Frame-Work.

The frame-work consists of iron, three-sixteenths of an inch in thickness, more or less, by two inches broad, and beveled nearly sharp on the under edge, beyond which, at intervals, extend sharp beveled points, which are stuck part way in the ground for the purpose of holding the frame in position, and also leaving a space intervening between the ground and frame, so that the division of the concrete may only extend half-way through. I then fill in with concrete until the frame-work is full, when it

is troweled off and the frame withdrawn, thus giving to the pavement the appearance of being laid in blocks, leaving the spaces, which run half-way through the pavement, to be filled with sand or other suitable material.

My object in running the frame-work half-way through the concrete is to lessen its liability to crack (from frost coming out of the ground) in any place other than its weakest part, which is along the lines *a*, in Fig. 1, where the frame-work has been withdrawn.

Claim.

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

The method of laying concrete pavements, by molding the concrete, in connection with an iron frame having cross-bars with beveled projections on their under sides, which extend half way through the concrete, so that when the frame is withdrawn V-shaped grooves will be left in the concrete, to be filled with sand or other analogous material, in the manner and for the purpose specified.

JESSE W. SNYDER.

Witnesses:

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