

H. M. STOW.
Wood-Pavements.

No. 134,404.

Patented Dec. 31, 1872.

Fig. 1.

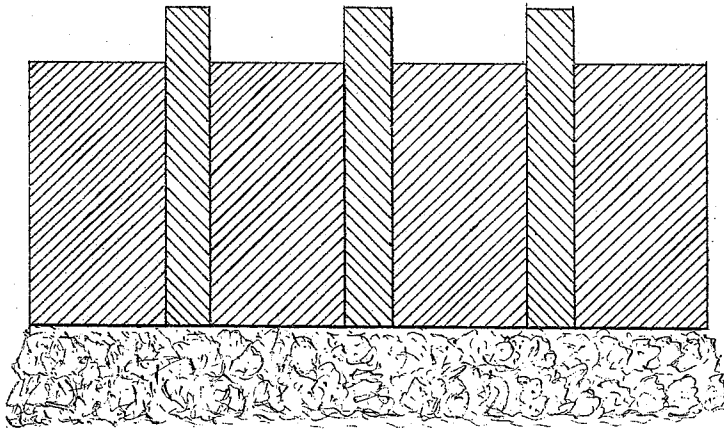
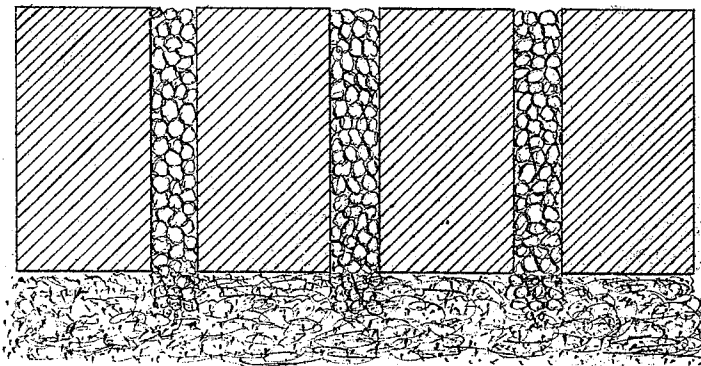


Fig. 2.



Witnesses

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Inventor

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UNITED STATES PATENT OFFICE.

HENRY M. STOW, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN WOOD PAVEMENTS.

Specification forming part of Letters Patent No. 134,404, dated December 31, 1872.

CASE 1.

To all whom it may concern:

Be it known that I, HENRY M. STOW, of San Francisco, in the county of San Francisco and State of California, have invented a new and useful Improvement in Wooden Pavements; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

The nature of my invention relates to that class of wooden pavements in which the blocks are laid directly upon the sand foundation; and it consists in laying the blocks in rows with spaces between the rows, and in filling or partially filling said spaces with sand or gravel and driving or swaging the same into the sand foundation below in order to pack or compress the sand under the blocks, for the purpose of sustaining the weight of heavy vehicles passing over the pavement.

In the drawing, Figure 1 represents a sectional view of the pavement in course of construction, and Fig. 2 a sectional view of the finished pavement constructed according to my invention.

In constructing my pavement I first grade the street and cover it to a depth of not less than three inches with sand or loam, which I wet and pack with a maul or rammer until

the whole is of sufficient compactness. I then strike the surface to a proper grade and lay the blocks A in rows transversely across the street, placing between the rows a removable strip of wood, B, of sufficient thickness to form the necessary spaces between the blocks, as shown in Fig. 1. After a sufficient number of rows have been laid in this manner, I remove the strips B and partially fill the spaces with sand or gravel. I then drive the gravel or sand in said spaces into the sand foundation below by means of a swage, maul, or other suitable instrument until the foundation under the blocks is sufficiently compressed. I then fill the spaces with gravel or sand and coal-tar or other cement, or with gravel or sand alone, and go over the whole with a smoothing-iron or other suitable instrument to finish the surface.

What I claim is—

A pavement composed of blocks laid in rows directly upon the sand foundation with spaces between the rows filled with sand or gravel, which is swaged or driven into said foundation, substantially as and for the purpose specified.

HENRY M. STOW.

Witnesses:

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