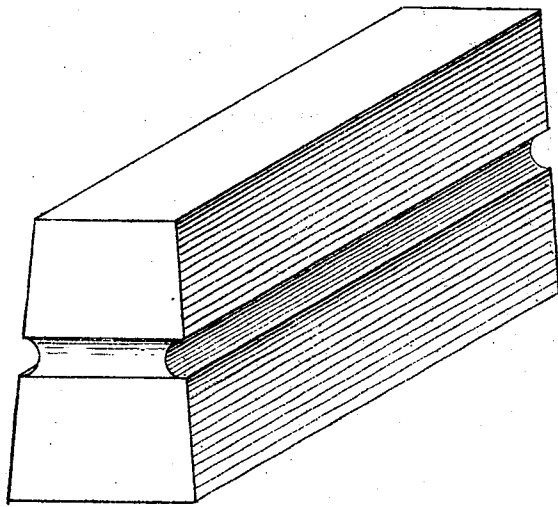
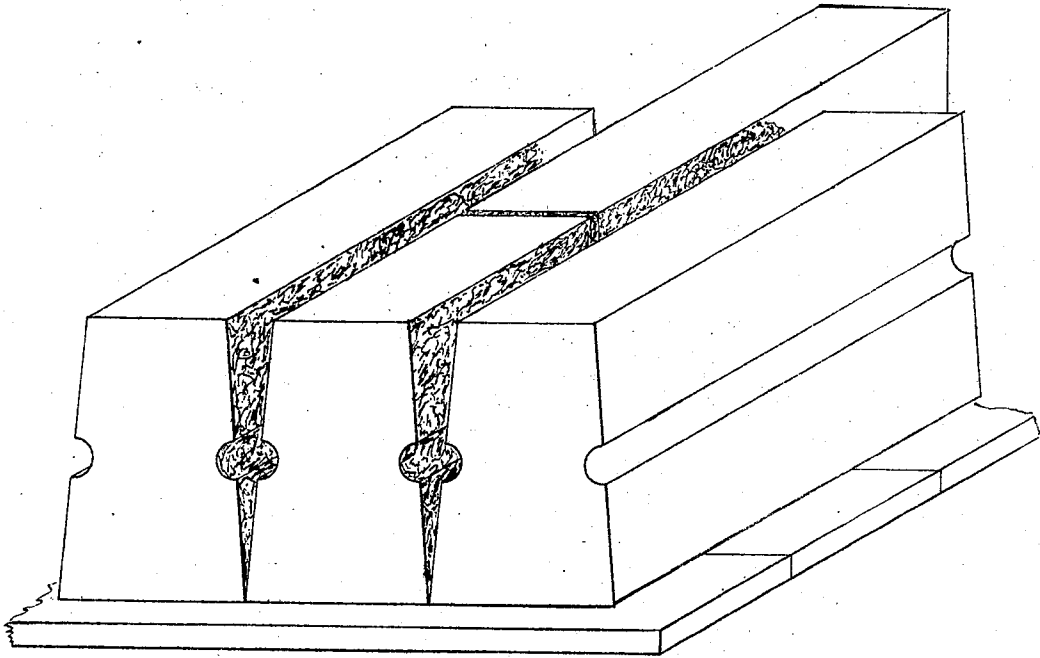


M. FITZGIBBONS.

Pavements.

No. 119,836.

Patented Oct. 10, 1871.



Witnesses:
Charles Wilson
J. M. Bowen.

M. Fitzgibbons

UNITED STATES PATENT OFFICE.

MAURICE FITZGIBBONS, OF NEW YORK, N. Y.

IMPROVEMENT IN WOOD PAVEMENTS.

Specification forming part of Letters Patent No. 119,836, dated October 10, 1871; antedated September 23, 1871.

To all whom it may concern:

Be it known that I, MAURICE FITZGIBBONS, of the city, county, and State of New York, have invented a new and improved mode for retaining the filling between the blocks in wood pavement constructed of truncated wedge-shaped blocks.

To enable others to make and use my invention, and to see the manner in which it is applied to the aforesaid pavements, I proceed to describe the manner in which the said pavements are constructed and the application of my improvement thereto.

This invention consists of a pavement formed of a series of truncated wedge-shaped blocks having grooves upon their sides, the spaces between the sides of the blocks being filled with concrete, as will be fully described hereinafter.

In the drawing are shown a perspective view of the pavement complete, and also a detached view of one of the blocks.

To enable others to make and use my invention, I will now proceed to describe the manner in which it is constructed.

The foundation or roadway is first brought to the proper grade, and a coating of gravel, sand, or other suitable material is put thereon and thoroughly rolled with a heavy roller, thus pro-

ducing a compressed and even surface. Truncated wedge-shaped blocks, cut from plank or timber with grooves on their sides, are then laid thereon in transverse rows, with the fiber vertical to the plane of the street. The blocks may be treated by any known process to prevent decay, if desired.

The blocks when laid, from their shape and position, form wedge-shaped channels, which, with the grooves, are filled with concrete or other suitable material. This being well rammed down serves to bind the structure in one solid mass, the concrete in the grooves acting as a key to tie the adjacent blocks together, and thus prevent a single block from moving independently when under strain.

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

A pavement constructed of truncated wedge-shaped blocks having grooves in their sides, the spaces between the sides of the block being filled with concrete, as described.

MAURICE FITZGIBBONS.

Witnesses:

CHAS. C. WILSON,
J. W. BOWEN.

(110)