

L. A. Cauwet,

Wood Pavement,

No. 103,979.

Patented June 7, 1870.

Fig. 1.

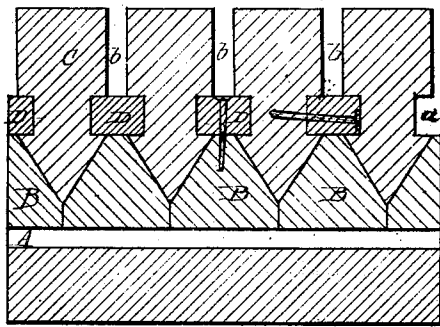
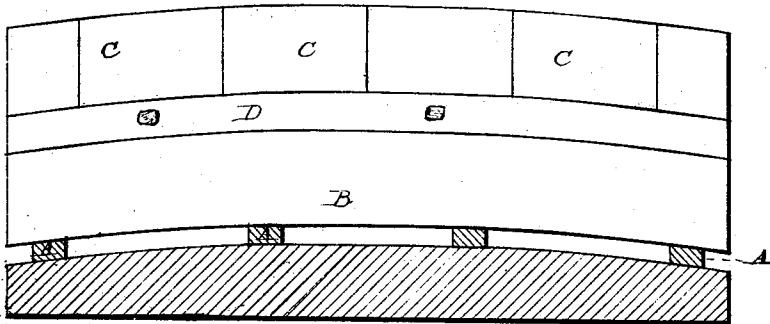


Fig. 2.



Witnesses:

Phil. T. Dodge  
Thomas Taylor, Jr.

Inventor:

L. A. Cauwet  
by Dodge & Mason  
his atty.

# United States Patent Office.

LOUIS A. CAUVET, OF NEW YORK, N. Y.

Letters Patent No. 103,979, dated June 7, 1870.

## IMPROVEMENT IN WOOD PAVEMENT.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, LOUIS A. CAUVET, of New York city, in the county of New York and State of New York, have invented certain Improvements in Wooden Pavements, of which the following is a specification, reference being had to the accompanying drawing.

My invention relates to wooden-block pavements; and

It consists in constructing a pavement by arranging triangular stringers or foundation-pieces upon boards or planks, and mounting on these stringers rows of blocks, connected by keys or joggle-pieces, a space or recess being left between the rows of blocks and filled with gravel, as hereinafter described.

Figure 1 is a longitudinal section of my pavement, and

Figure 2, a vertical cross-section of the same on the line *xx* of fig. 1.

In constructing my pavement, I first place, upon a sand or other foundation, boards or planks *A*, at a distance of about three feet apart, and so as to extend lengthwise of the street or roadway, and fill the sand up even with the top of said boards. I then provide long stringers or foundation-pieces *B*, of a triangular cross-section, having their angles or edges slightly cut

away, and place them closely together upon and across the boards *A*, as shown.

I next provide wooden blocks *C*, of the form shown, having their lower ends of a *V*-shape, and having a groove, *a*, in each side, and arrange them in rows in the depressions between the stringers, as shown in fig. 1, a small space, *b*, being left between the rows.

Between the rows of blocks, so as to rest upon the stringers, I place keys or joggles *D*, which enter the grooves *a* in the faces of the adjoining rows of blocks, as shown in fig. 1, and each of these keys I nail fast to one of the rows of blocks and to the stringer, as shown. The recesses *b* I then fill with gravel, and my pavement is complete and ready for use.

A pavement of this construction is cheap, strong, and simple, easily laid in place, and not liable to sink at one point more than another.

Having thus described my invention,

What I claim is—

A pavement consisting of the triangular stringers or bed-pieces *B* and the blocks *C*, with the keys or strips *D*, all constructed and arranged substantially as described.

Witnesses:

LOUIS A. CAUVET.

JAMES E. WHITE,  
RICHARD MORRIS.