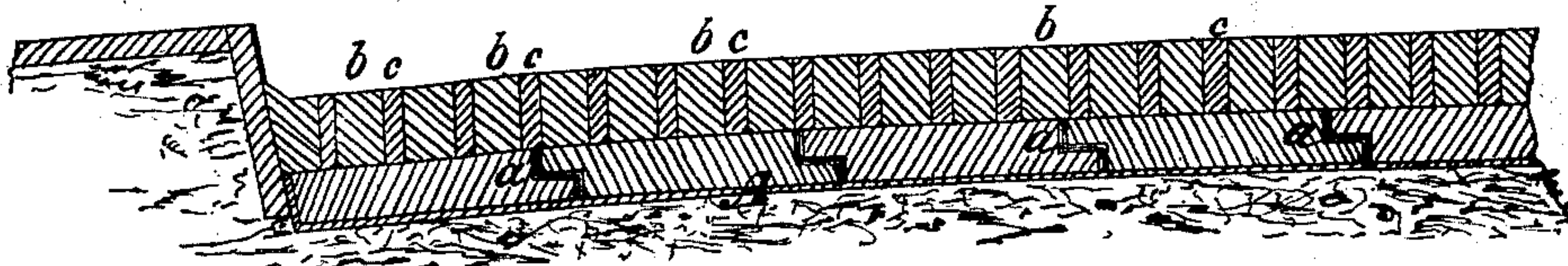


No. 82,102.

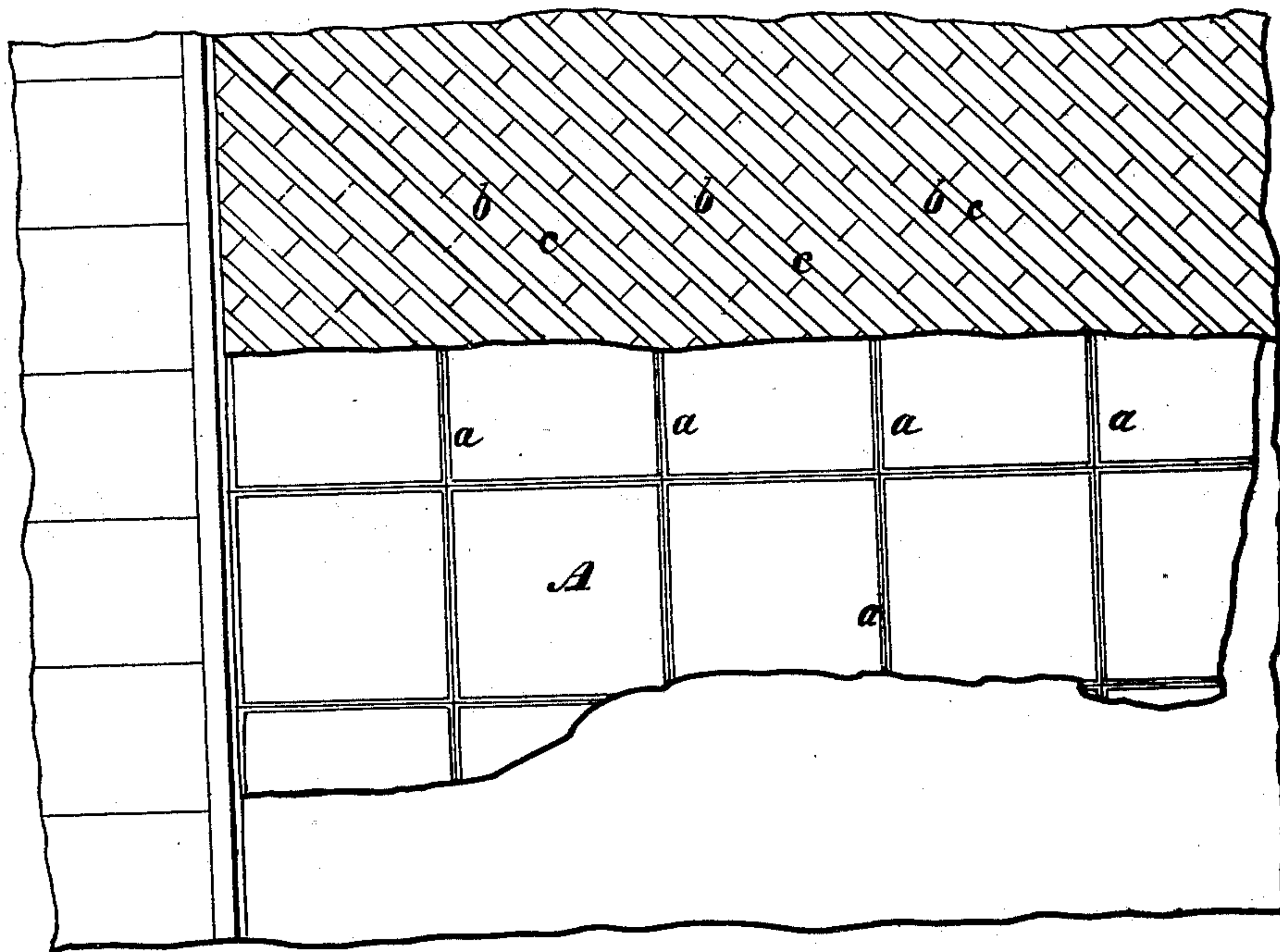
PATENTED SEPT. 15, 1868.

R. FOLEY.  
PAVEMENT.

*Fig 1.*



*Fig 2.*



**WITNESSES:**

E. F. Kastenhuber  
Chas. Wablers.

**INVENTOR:**

Richard Foley,

For Improved & Heavy  
Atts

# United States Patent Office.

RICHARD FOLEY, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND EDWIN FERGUSON, OF THE SAME PLACE.

*Letters Patent No. 82,102, dated September 15, 1868.*

## IMPROVED 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, RICHARD FOLEY, of the city, county, and State of New York, have invented a new and improved Pavement; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a transverse section of this invention.

Figure 2 is a sectional plan or top view thereof.

Similar letters indicate corresponding parts.

This invention relates to a pavement composed of large blocks of wood or stone alternating with thin strips of flag or other stone, which are attached to the large blocks by pitch or other suitable cement, and the top edges of which are flush with the surface of the large blocks, in such a manner that a smooth and level pavement is obtained, which at the same time offers a good foot-hold to the draught-animals, and which is durable, and not liable to wear smooth.

This pavement is placed on a foundation formed of a series of boxes, of any desired dimensions, filled with concrete composed of gravel and lime, or other cement, and lapped over each other, or otherwise fitted together in such a manner that a firm and durable foundation is obtained, which can be removed and replaced without difficulty, whenever it may become necessary or desirable.

A represents my foundation, which is formed of a series of boxes, *a*, made of metal or any other suitable material, and formed in such a manner that they form lap-joints, as shown in fig. 1 of the drawing, or that they can be fitted together in any other firm and durable manner. These boxes are filled with concrete, formed of gravel or broken stone and lime, or any other suitable cement, said concrete being confined in the boxes, and forming the foundation for the pavement. If it becomes necessary or desirable to take up a portion of the pavement in order to get at the gas-pipes, water-pipes, or sewers, or for any other purpose, my foundation being composed of a series of distinct boxes, can be readily removed and replaced without requiring much time or labor.

My pavement is composed of a series of large blocks, *b*, of wood or stone, which alternate with thin strips *c* of flag or other stone.

These thin strips of stone are secured to the large blocks by pitch or any other suitable cement, and their top edges are flush with the surface of the large blocks, as clearly shown in the drawing.

If large blocks of wood are used in combination with thin strips of stone, the wood wears off a little the quickest, and the thin strips of stone offer a good foot-hold to the draught-animals, and at the same time the sand or small particles wearing off from the strips of stone, prevent the surface of the wooden blocks from becoming smooth. If large blocks of stone are made to alternate with thin strips of stone, the thin strips wear off the quickest, and the surface of the pavement becomes such, that it offers a good foot-hold to the draught-animals.

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

The combination, in a pavement, of the foundation-boxes *a*, filled with concrete, with the surface-blocks *b*, and the thin strips of stone *c*, the said blocks *b* and strips *c* being laid in alternation, substantially as and for the purpose described.

RICHARD FOLEY.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.