

L. S. FILBERT & L. M. HOFFMAN.

Wood-Pavement.

No. 163,758.

Patented May 25, 1875.

Fig 1

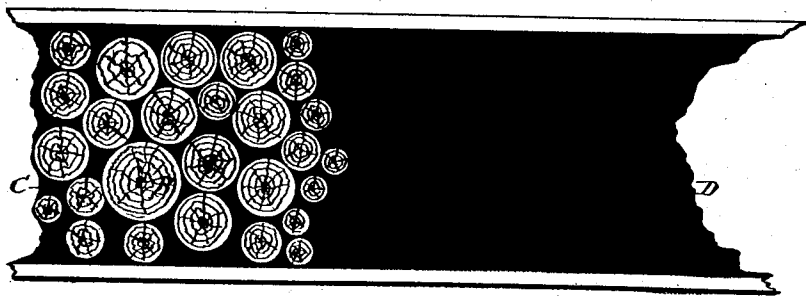
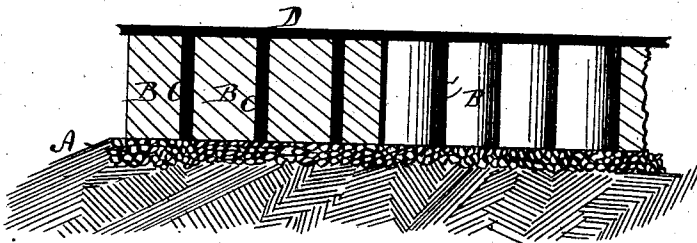


Fig 2



WITNESSES

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UNITED STATES PATENT OFFICE

LEWIS S. FILBERT, OF PHILADELPHIA, PENNSYLVANIA, AND
M. HOFFMAN, OF WASHINGTON, DISTRICT OF COLUMBIA,

IMPROVEMENT IN WOOD-PAVEMENTS.

Specification forming part of Letters Patent No. **163,758**, dated May 25, 1875; application filed April 6, 1875.

To all whom it may concern:

Be it known that we, LEWIS S. FILBERT, of Philadelphia, Pennsylvania, and LINDLEY M. HOFFMAN, of Washington, in the District of Columbia, have invented certain new and useful Improvements in Wood-Pavements; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

Our invention relates to pavements made of round wooden blocks; and it consists in a round-block pavement with a vulcanite plastic filling and covering of the same, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a plan view of our pavement, and Fig. 2 is a side view of the same.

A represents a foundation made of broken stone, sand, or vulcanite, and properly rolled or packed. Upon this foundation are laid round wooden blocks B B, made of either locust, chestnut, cedar, or any other suitable and durable wood. These blocks should be of about the same length, but the size of their diameter is immaterial. They are laid on end upon the foundation A, and the spaces between them filled with plastic vulcanite concrete,

marked C, and the top of the pavement with the same, so as to fill the spaces, and make a perfectly uniform surface, said top-dressing being shown in the drawing.

In the round-block pavement laid, the blocks will work loose in water in, thereby causing the displacement of the blocks, and the upheaval of the pavement in time.

This difficulty is entirely overcome by a mode of laying the pavement in which the filling C, in hardening, comes solidly and firmly together, and the top-dressing D also unites with the filling, forming one solid mass, so that the water from passing through the blocks.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A round-block pavement with a vulcanite plastic filling and covering of the same, substantially as herein set forth.

In testimony that we claim the same, we have hereunto set our hands and seals, this 4th day of April, 1875.

L. S.]
L. M.

Witnesses:

S. T. LUCKETT,
T. NAYLOR.