

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

Wood-Pavement.

No. 163,758.

Patented May 25, 1875.

Fig 1

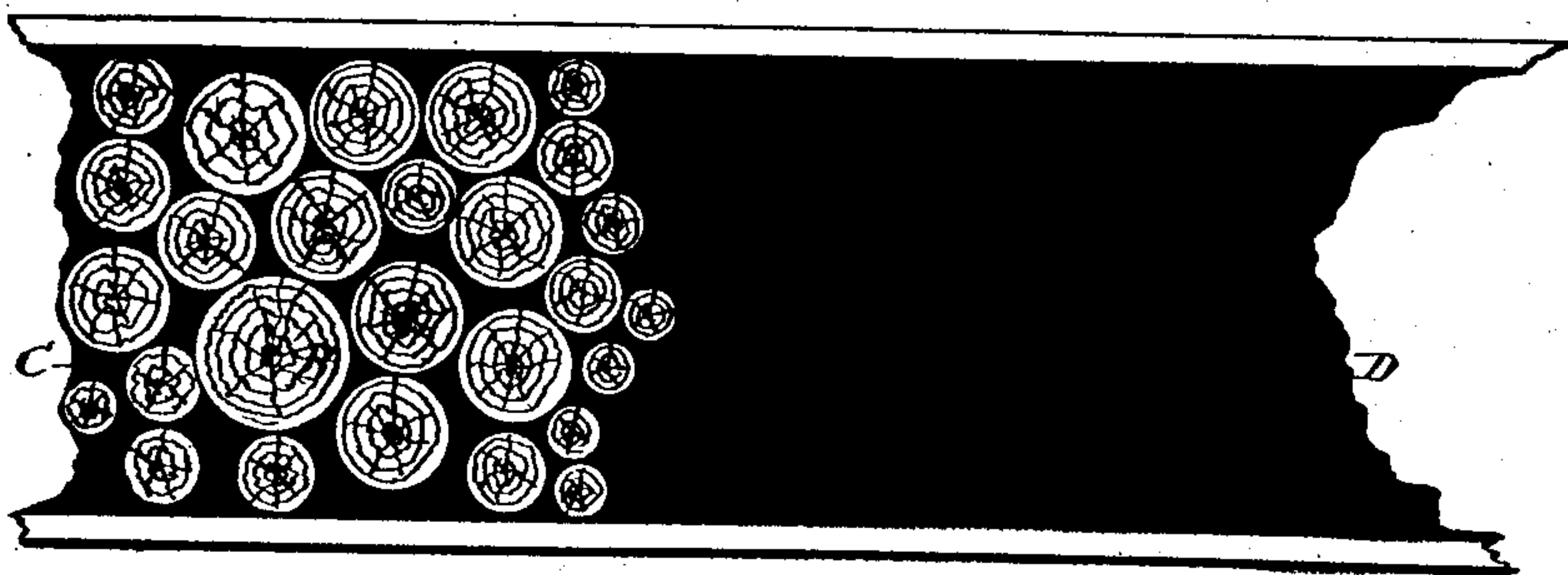
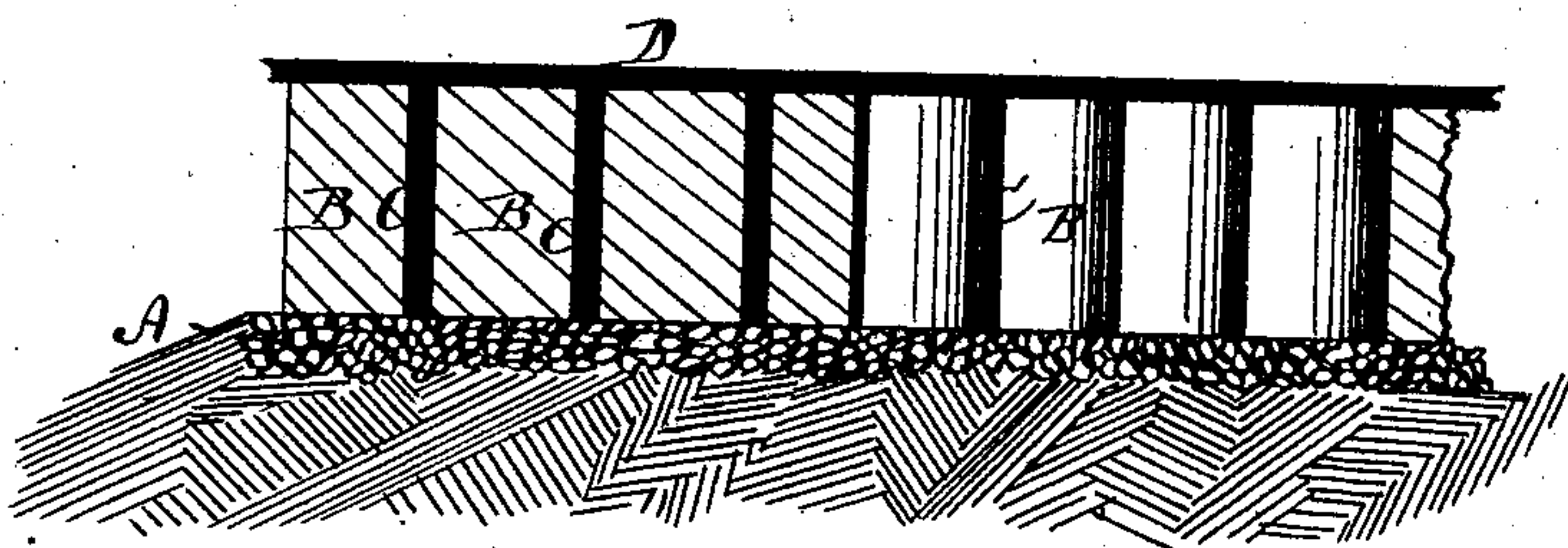


Fig 2



WITNESSES

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UNITED STATES PATENT O

LEWIS S. FILBERT, OF PHILADELPHIA, PENNSYLVANIA, AND
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IMPROVEMENT IN WOOD-PAVEMENTS.

Specification forming part of Letters Patent No. **163,758**, dated May 25, 1875; app
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 covered with the same, so as to fill the joints or stices, and make a perfectly uniform surface, said top-dressing being as shown in the drawing.

In the round-block pavement herein shown, the blocks will work loose and let water in, thereby causing the displacement of the blocks, and the consequent upheaval of the pavement in a short time.

This difficulty is entirely overcome by the mode of laying the pavement herein shown, the plastic filling C, in hardening, coming so closely and firmly together, and uniting with the top-dressing D also uniting with the blocks and filling, forming one solid mass, so that the water from passing through the joints of 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 composed of round wooden blocks laid on a foundation of broken stone, sand, or vulcanite, and covered with plastic vulcanite filling and covering, substantially as herein set forth.

In testimony that we claim the foregoing as our invention, we have hereunto set our hands and seals, at Washington, April, 1875.

L. S. FILBERT,
L. M. HOFFMAN.

Witnesses:

S. T. LUCKETT,
T. NAYLOR.