

(No Model.)

R. SCHROEDER.
FLOOR COVERING.

No. 318,661.

Patented May 26, 1885.

fig. 1.

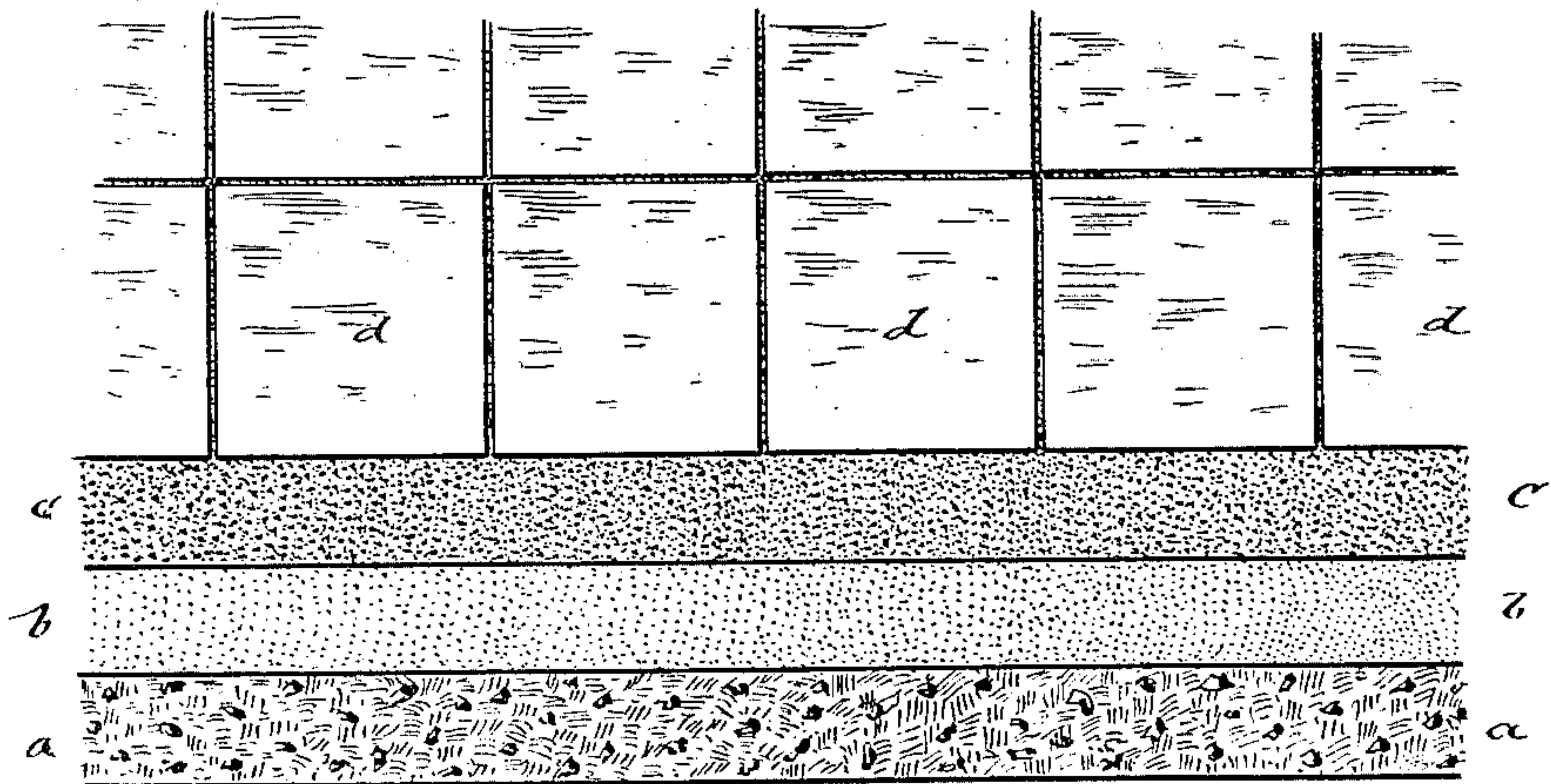
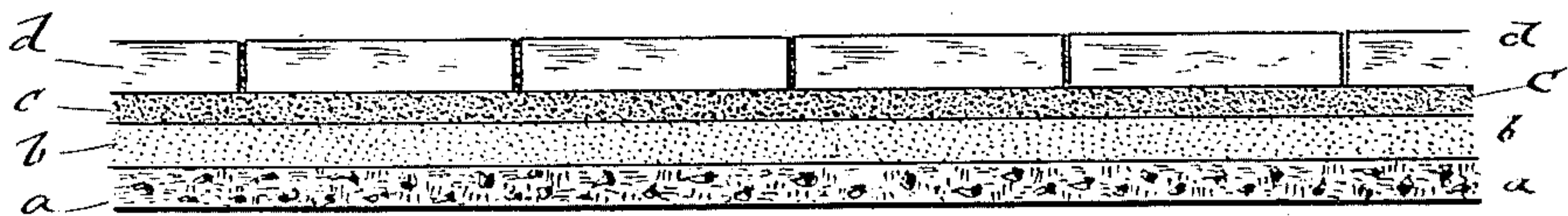


fig. 2.



WITNESSES

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RUDOLPH SCHROEDER, OF NEW YORK, N. Y.

FLOOR-COVERING.

SPECIFICATION forming part of Letters Patent No. 318,661, dated May 26, 1885.

Application filed April 24, 1885. (No model.)

To all whom it may concern:

Be it known that I, RUDOLPH SCHROEDER, of the city, county, and State of New York, have invented certain new and useful Improvements in Floor-Coverings, of which the following is a specification.

This invention has reference to an improved tile floor-covering which retains its elasticity throughout all the seasons; and the invention consists of a floor-covering formed of superposed layers of concrete, sand, and cement, in which latter the tiles are placed.

In the accompanying drawings, Figure 1 represents a plan, and Fig. 2 a vertical transverse section, of my improved floor-covering.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, *a*, *b*, and *c* represent three superposed layers of concrete, sand, and cement, which together form the support for the tiles *d*, that are set into the cement before the same has hardened. The intermediate layer, *b*, of sand, between the foundation-layer *a* of concrete and the top layer, *c*, of cement, imparts to the floor-covering a certain degree of elasticity in all seasons, and

prevents the tiles from being upset in the winter season by the upward pressure of the ground.

I am aware that tiles have been laid heretofore on a foundation of concrete and cement, which, however, renders the tile flooring rigid and the tile pavements liable to break and become uneven. This is entirely avoided by my interposed layer of sand, as it neutralizes the influence of changes of temperature, and the tiles set into the cement.

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

A floor-covering composed of a foundation-layer of concrete, an intermediate layer of sand, a superposed layer of cement, and floor-tiles set into the cement, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

RUDOLPH SCHROEDER.

Witnesses:

PAUL GOEPEL,
CARL KARP.