

(No Model.)

I. L. FRANKEM.

TILE HEARTH OR VESTIBULE FLOOR.

No. 287,373.

Patented Oct. 23, 1883.

Fig. 1.

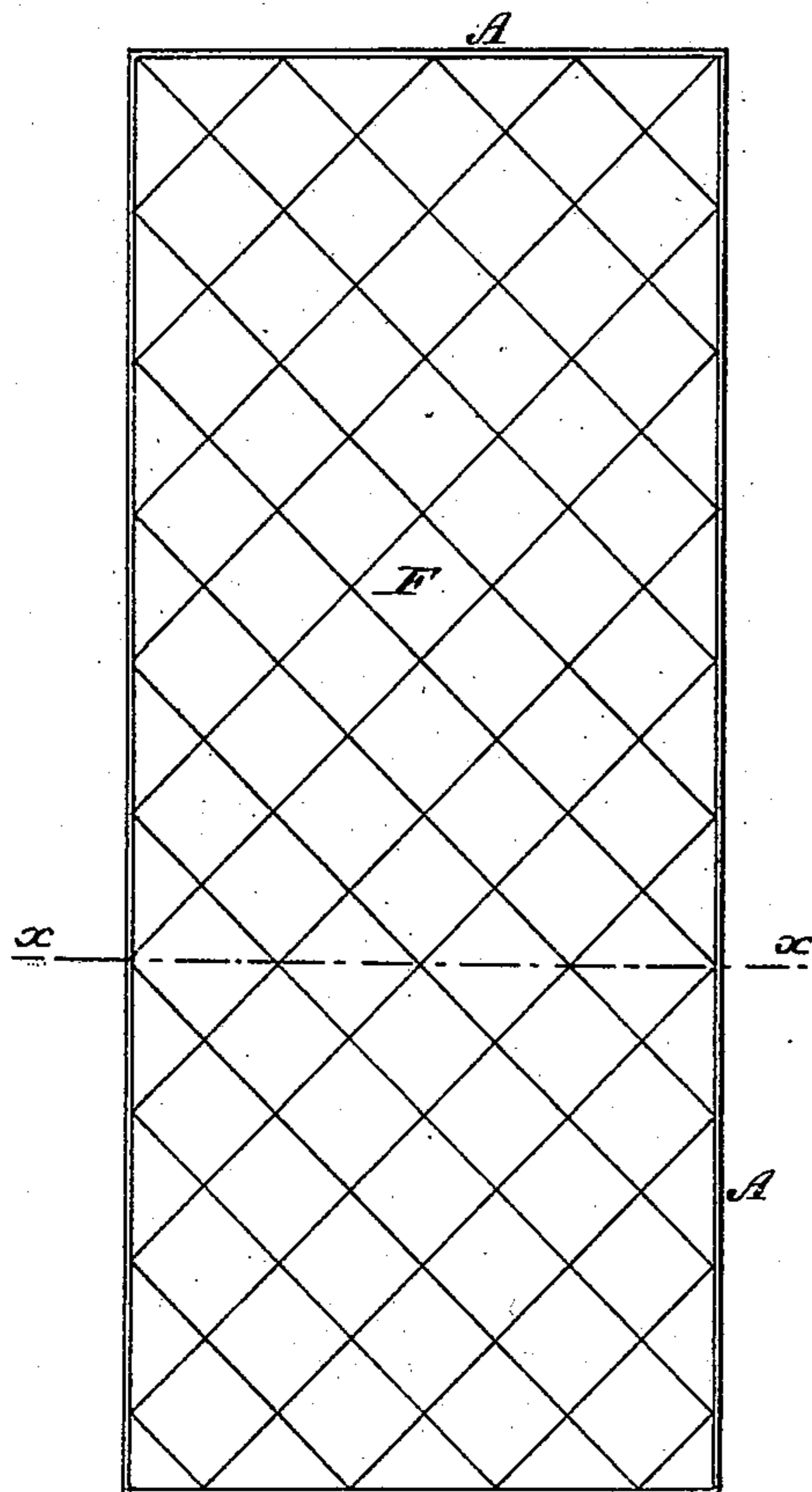


Fig. 2.

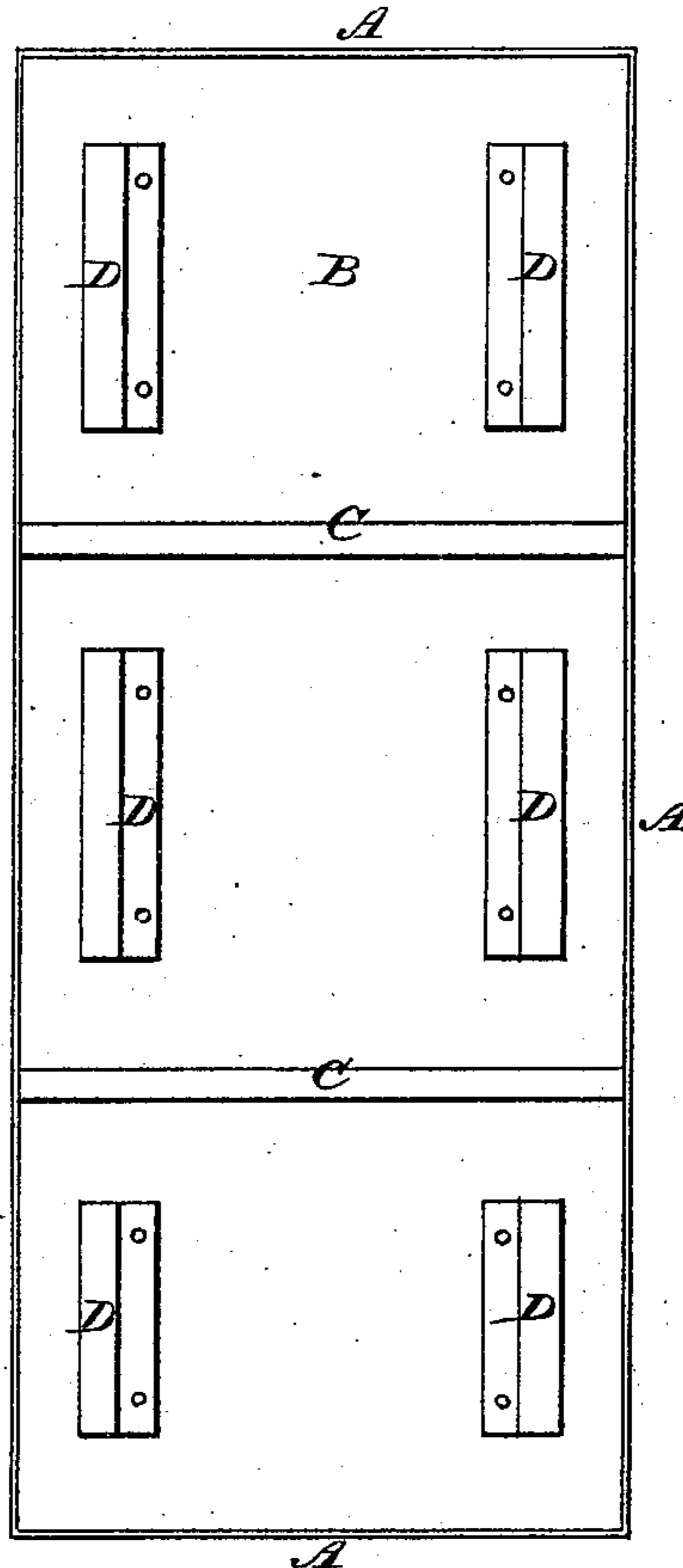


Fig. 3.

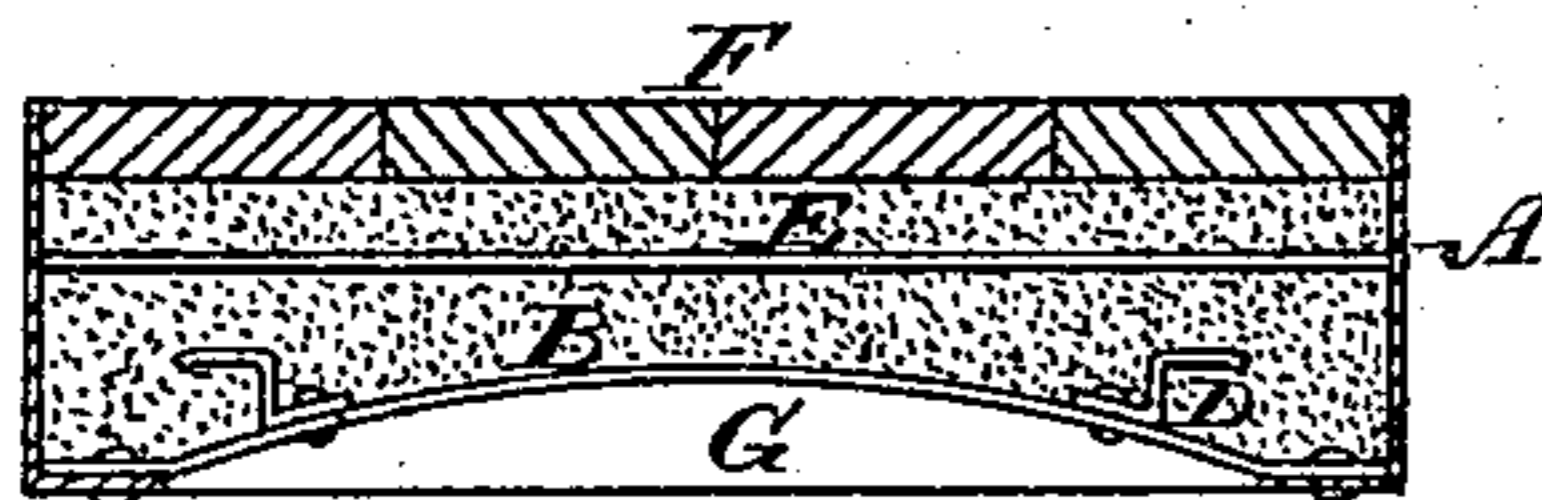
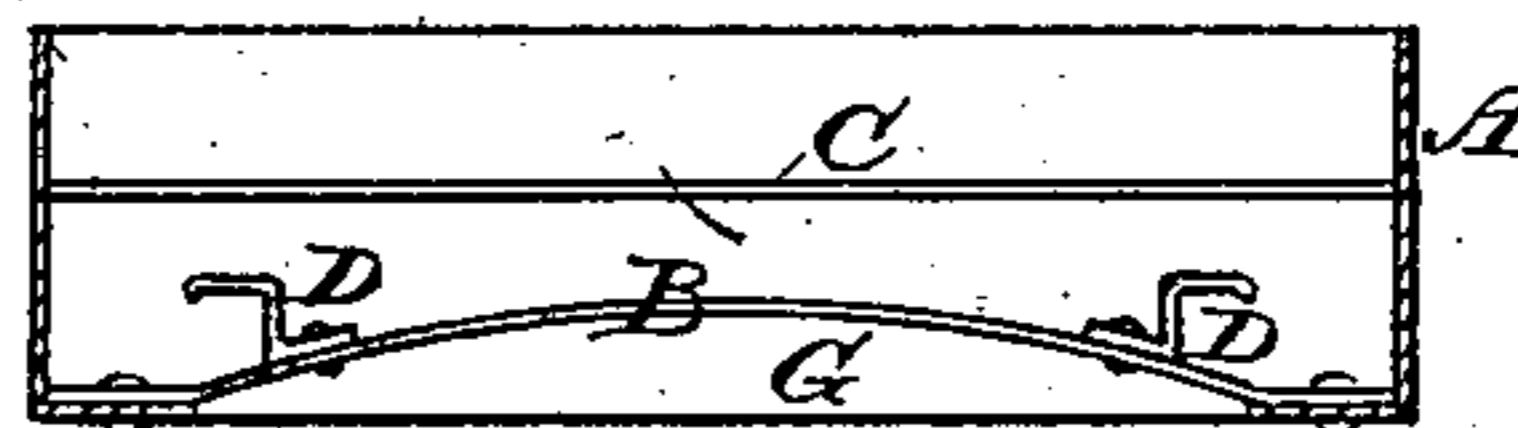


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

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TILE HEARTH OR VESTIBULE-FLOOR.

SPECIFICATION forming part of Letters Patent No. 287,373, dated October 23, 1883.

Application filed April 4, 1883. (No model.)

To all whom it may concern:

Be it known that I, ISAAC L. FRANKEM, a citizen of the United States, residing at Indianapolis, county of Marion and State of Indiana, have invented a new and useful Portable Tile Hearth or Vestibule-Floor, of which the following is a specification.

My invention relates to tile hearths, vestibule-floors, and other similar spaces laid with tiles; and has for its object to provide them in portable form, such as may be manufactured of the required dimensions to fit into the place of permanent location, suitable to be transported thereto, and so that they may be set in a neat and substantial manner by any one skilled in ordinary housebuilding, without the aid of an artificer in tile-setting, thereby enabling persons at a distance from them to have such hearths, vestibule-floors, &c., without the extra cost that would otherwise attach to the personal attendance of a tile-setter. I attain this object by means of a case or frame-work made preferably of sheet or cast metal, in which to bed the tiles, as illustrated in the accompanying drawings, in which—

Figure 1 is a top or face view of a portable tile hearth embodying my invention. Fig. 2 is a top or plan view of the case to receive the bedding and tile. Fig. 3 is a vertical transverse section on line *x x*, Fig. 1; and Fig. 4 is a vertical transverse section of Fig. 2.

Similar letters refer to like parts throughout the several figures.

The case or frame in which the tiles are bedded is made of sheet or cast metal having the sides and ends A and convex or arched bottom B. The case may be strengthened, if nec-

essary, by means of transverse ribs C, and these ribs may be flanged at the top, to form a hold for the cement on which the tiles are bedded. There are also flanged cleats D, attached to the bottom, which serve to secure the cement. E is the cement, and F the tiles. There may also be strengthening-ribs G attached under the bottom of the case. The tiles are bedded in cement in the usual manner.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, in a portable or merchantable form of tile hearths, of the case or frame A B, with flanged cleats D, and either with or without ribs C G, with the bedding E and tiles F, substantially as and for the purpose set forth.

2. As an improvement in the art of manufacturing tile hearths, vestibule-floors, and other like structures of encaustic or other tiles, the case or pan herein described, having strengthening-bars, and lugs for holding a layer of cement within the case or pan, a layer of cement, and a surface course of tiles embedded therein, and by which they are held in place, as set forth.

3. As a new article of manufacture, a hearth or vestibule-floor composed of tiles held in place by a layer of cement, the tiles and cement being held together by a suitable box or pan, as set forth.

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Witnesses:

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