

(No Model.)

A. METZNER.
TILE.

No. 414,719.

Patented Nov. 12, 1889.

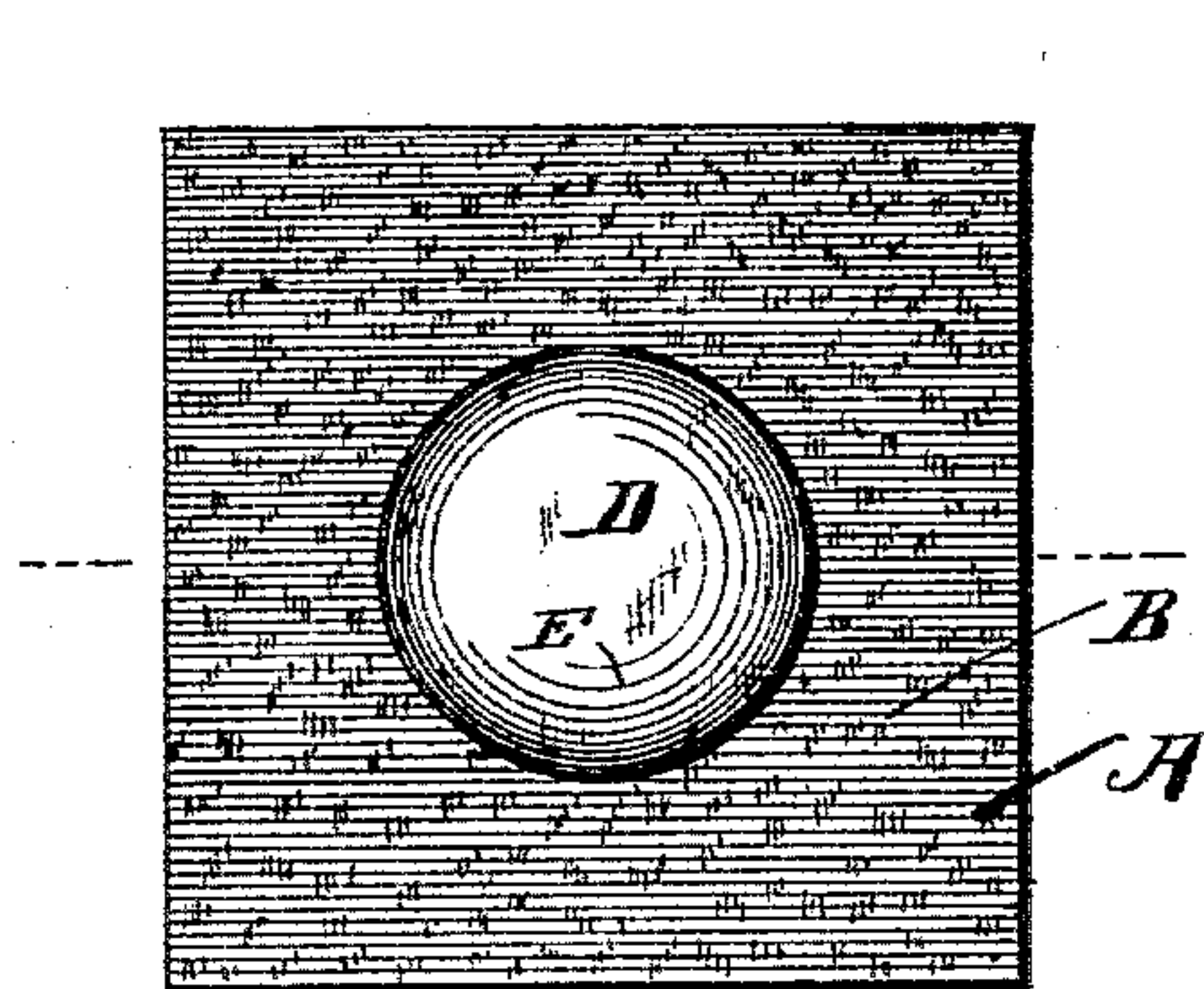


Fig. 1.

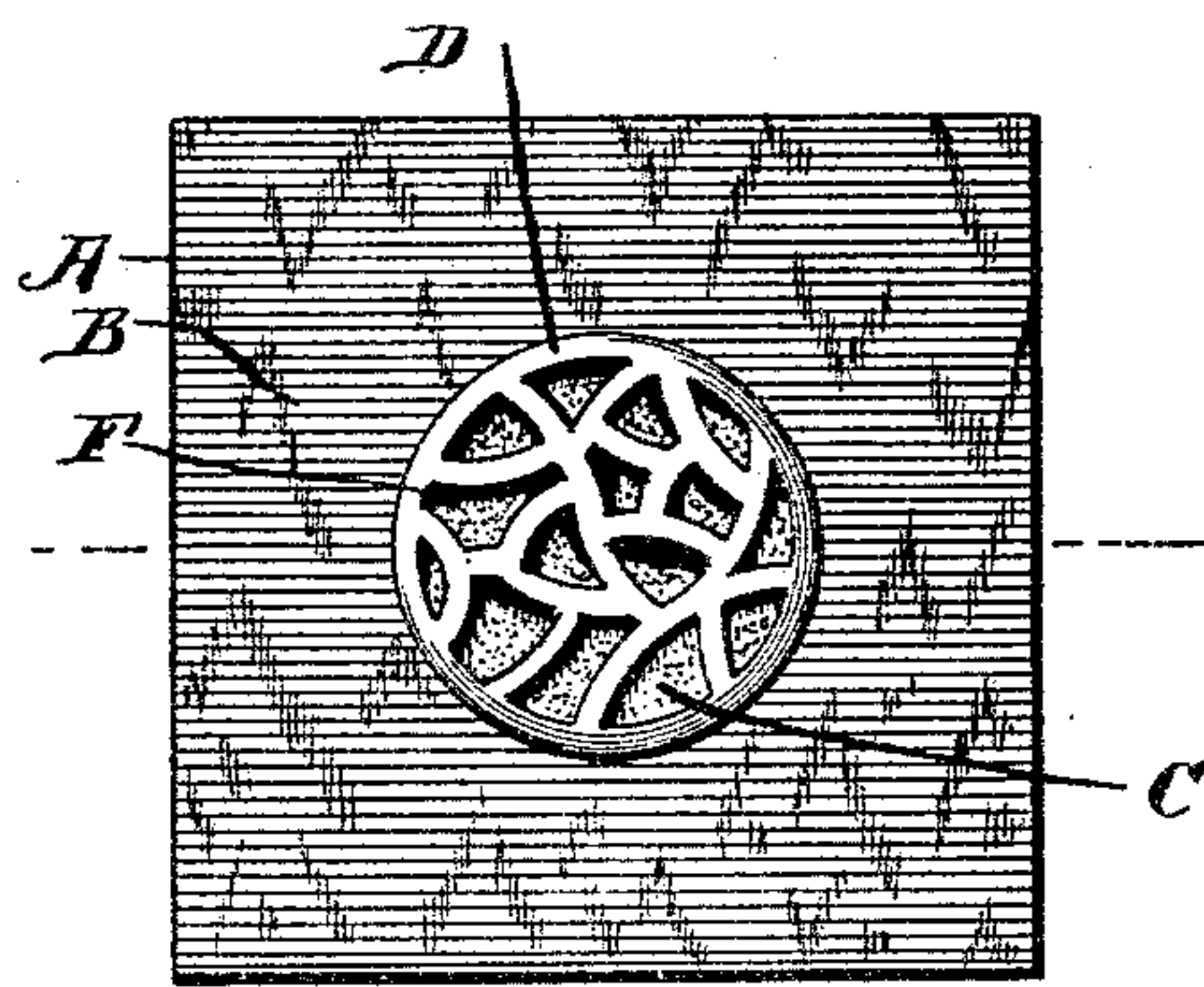


Fig. 2.

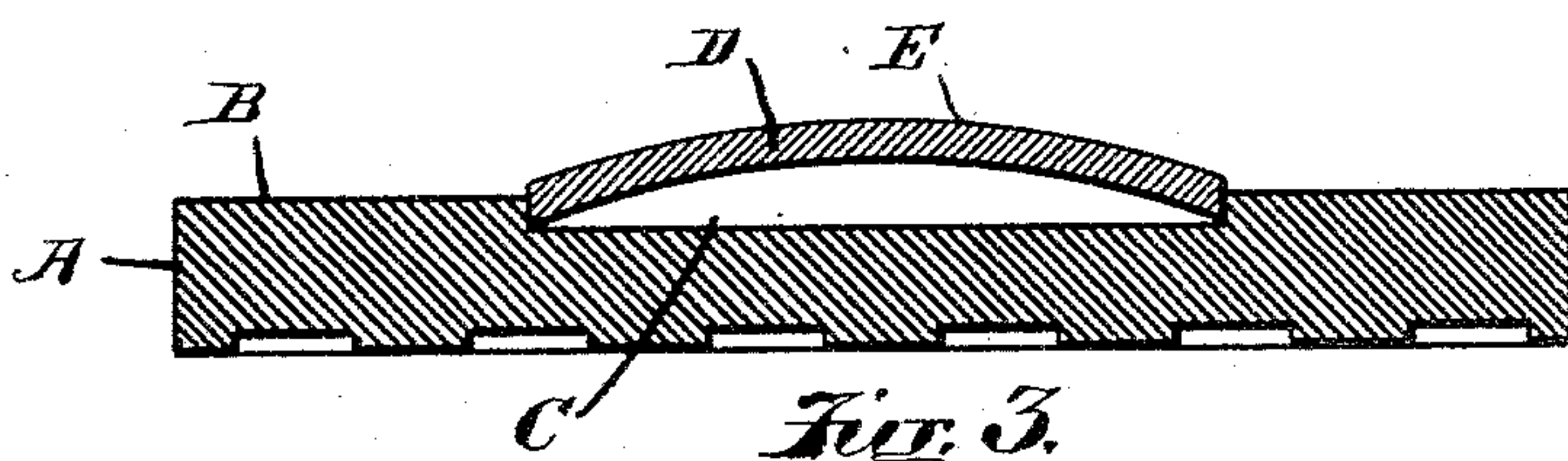


Fig. 3.



Fig. 4.

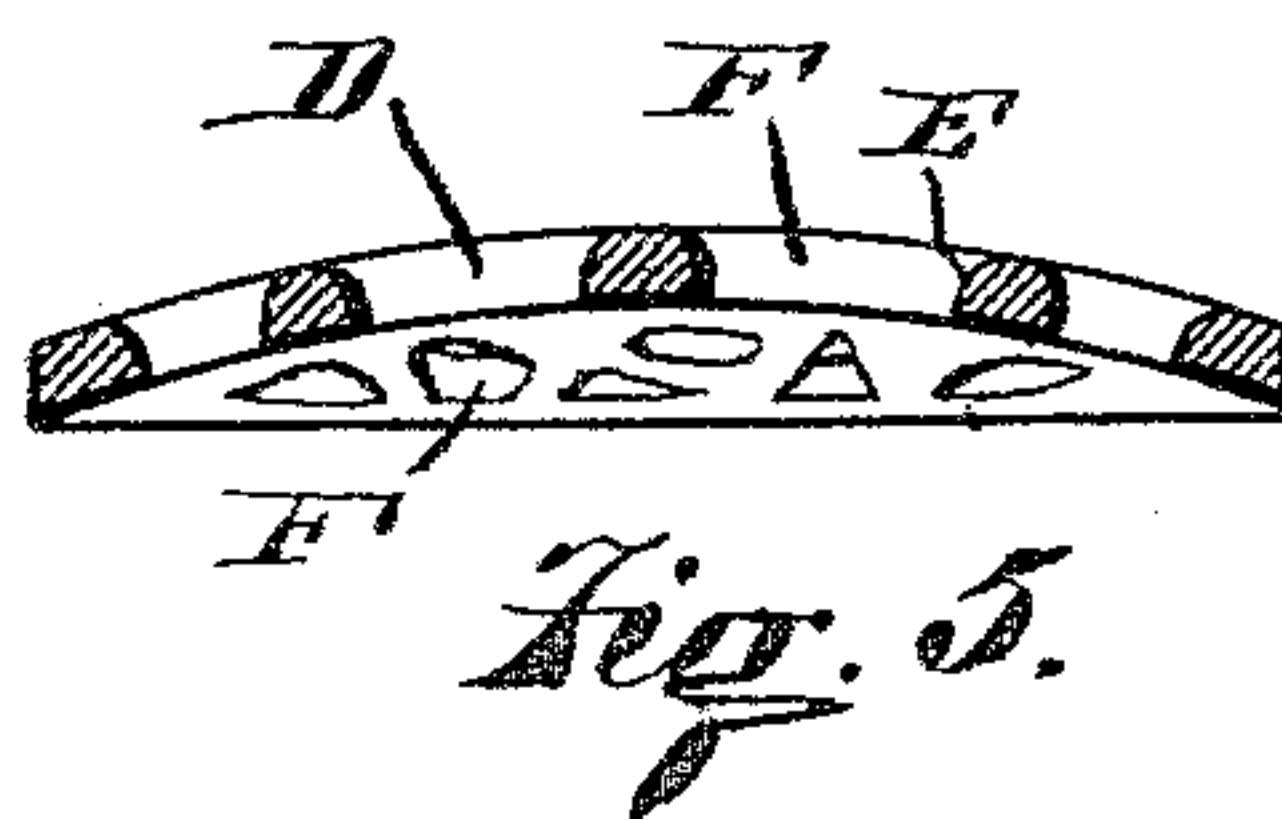


Fig. 5.

Witnesses:
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UNITED STATES PATENT OFFICE.

ADOLPH METZNER, OF HAMILTON, OHIO.

TILE.

SPECIFICATION forming part of Letters Patent No. 414,719, dated November 12, 1889.

Application filed September 2, 1889. Serial No. 322,782. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH METZNER, of Hamilton, Butler county, Ohio, have invented certain new and useful Improvements in
5 Tiles, of which the following is a specification.

This invention pertains to enameled tiles, and relates to a construction of a compound
10 tile.

My improvements will be readily understood from the following description, taken in connection with the accompanying drawings, in which—

Figure 1 is a face view of a compound tile
15 exemplifying my present improvement in one of its simplest forms; Fig. 2, a similar view of a tile differing from that of Fig. 1 only in that the supertile is of filigree construction; Fig. 3, a transverse section of the
20 tile of Fig. 1; Fig. 4, a transverse section of the supertile D of Fig. 1, and Fig. 5 a similar section of the supertile of Fig. 2. Figs. 3, 4, and 5 are to the same scale of dimension, about double that of Figs. 1 and 2.

25 In the drawings, A indicates the body of a tile; B, the enameled face thereof produced by a fired glaze; C, a recess in the face of the tile; D, a supertile imposed upon the face of tile A, and in the exemplification
30 seating within and fitting the recess C; E, the enameled face of the supertile; F, Figs. 2 and 5, openings through the supertile, the supertile thus provided exemplifying an open filigree design.

35 The body of tile A is to be produced by the ordinary tile-making processes, and its face is to be treated with color and glaze to produce the effect desired. The tile may be of any shape and color desired. The supertile is to be produced separately in a similar
40 manner, and it also may have any form or color desired. The main tile and the supertile are treated separately through the stages of biscuit-making, coloring, and glazing. The supertile is then applied to the main tile, and the entire structure is fired for glaze. The glaze serves in unifying the structure. In applying the glaze to the main tile, it may
45 of course be omitted from that portion of the face which will be covered by the supertile, it being only necessary that the glaze should be brought to within the margins of the space which the supertile is to cover. Thus
50 in the case of such a tile, as is illustrated in Figs. 1 and 3, the glazing of the main tile

would need to be carried only to just within the margins of the recess C, and the glazing of the supertile would need to be carried around its periphery, so that when the complete tile is fired for glaze the juncture
60 will become cemented by the glaze.

Peculiar sharply-contrasting effects may be produced by treating the main tile with one color and the supertile with another color. It is to be understood, of course, that
65 the main tile may be provided with one or more supertiles having any form of outline which fancy may suggest. The supertile may, if desired, present an imperforate face, as exemplified in Figs. 1, 3, and 4; or the supertile may be perforated in filigree or other
70 design, so as to produce not only an effect of its own due to the design of its perforations, but an additional effect due to the exposure of groundwork upon the main tile to the rear of
75 the supertile, as exemplified in Fig. 2. In such case the face of the main tile may have one color, that portion of the face which is to the rear of the supertile another color, and the supertile still another color, whereby are pro-
80 duced artistic effects due to three colors, and also intense shadow effects to the rear of the supertile.

I claim as my invention—

1. In a tile, the combination, substantially
85 as set forth, of a main tile having an enameled surface formed of fired glazing, and a supertile secured to the face of and entirely within the margin of the main tile.

2. In a tile, the combination, substantially
90 as set forth, of a main tile having an enameled face formed by fired glazing, and a supertile having an enameled face formed by fired glazing, said supertile being secured to the face of said main tile by said glazing.
95

3. In a tile, the combination, substantially
as set forth, of a main tile having an enameled face formed by a fired glazing and provided with a facial recess, and a supertile secured in such recess by said glazing.
100

4. In a tile, the combination, substantially
as set forth, of a main tile having an enameled face formed by a fired glazing, and a perforated supertile attached to said main tile by said glazing.

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Witnesses:

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