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(12) **United States Design Patent**
Sakaguchi et al.

(10) **Patent No.:** **US D812,113 S**
(45) **Date of Patent:** **** Mar. 6, 2018**

(54) **SQUEEZE PLATE WITH MOLDING SAND INLET PART FOR FLASK-LESS MOLDING MACHINE**

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(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **05-03**

(52) **U.S. Cl.**
USPC **D15/135**

(58) **Field of Classification Search**
USPC D15/122, 135, 136, 137, 138, 141, 142, D15/199; D12/1, 2, 8; D8/313;
(Continued)

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(57) **CLAIM**

The ornamental design for a squeeze plate with molding sand inlet part for flask-less molding machine, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a squeeze plate with molding sand inlet part for flask-less molding machine of the present invention.

FIG. 2 is a rear perspective view of a squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 1.

FIG. 3 is a front view of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 1.

FIG. 4 is a rear view of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 1.

FIG. 5 is a top plan view of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 1.

FIG. 6 is a bottom view of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 1.

FIG. 7 is a right side view of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 1.

FIG. 8 is a left side view of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 1.

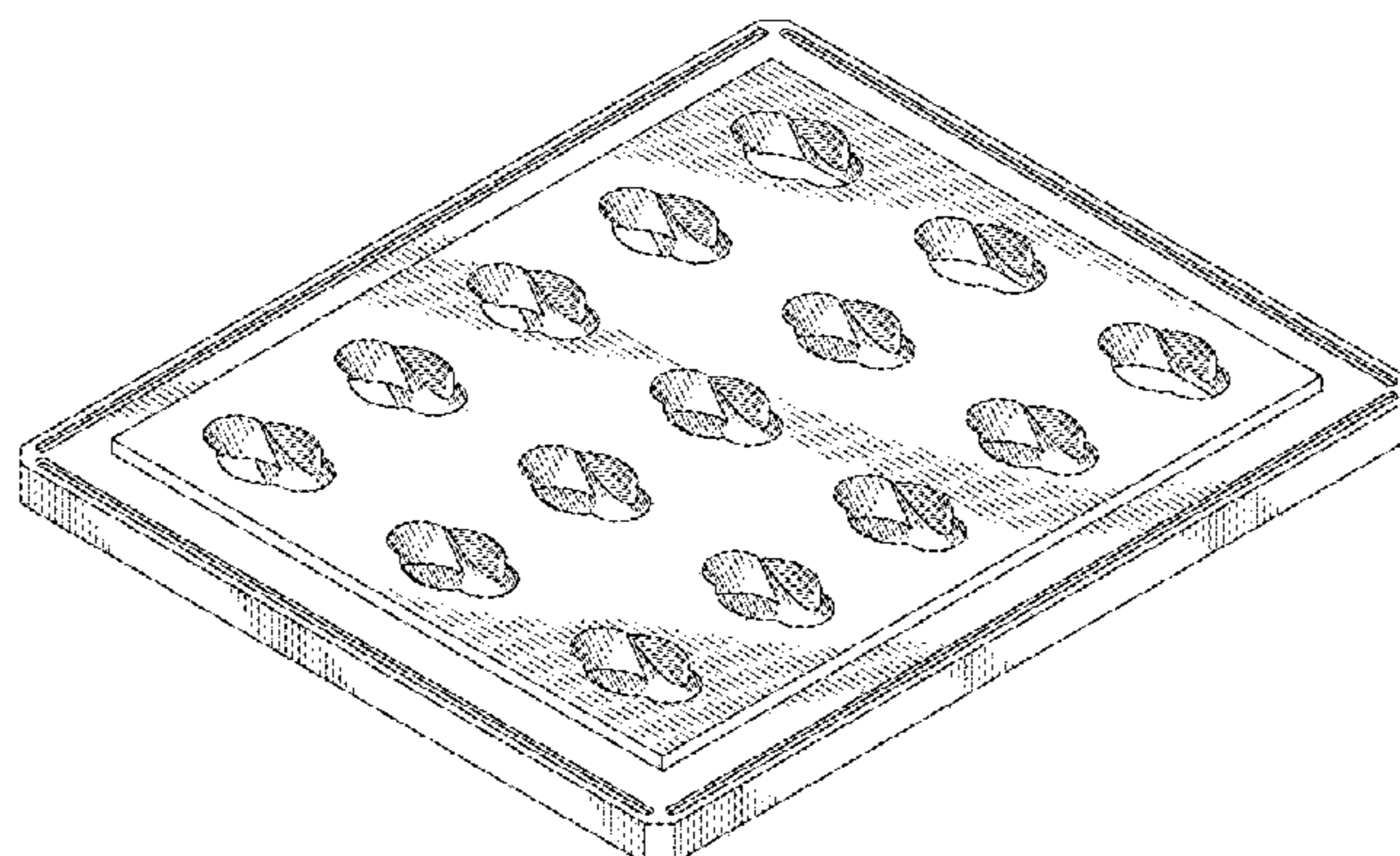
FIG. 9 is a sectional view taken along the line 9-9 of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 3.

FIG. 10 is a sectional view taken along the line 10-10 of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 3; and,

FIG. 11 is a reference perspective view of the squeeze plate with molding sand inlet part for flask-less molding machine of FIG. 1 in use, wherein molding sand introducing nozzles and closure plates are attached to the squeeze plate, which is for illustrative purpose only and form no part of the claimed design.

The features shown in broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 11 Drawing Sheets



(58) **Field of Classification Search**

USPC D7/339-341, 348-349, 402-404;
 D9/456, 434, 499; D24/227, 229, 230
 CPC B29C 45/0001; B29C 2043/3427; B29C
 2043/3494; B29C 2045/0006; B29C
 2045/0043; B29C 2045/0049; B29C
 2045/14803; B29C 2945/76444; B29C
 43/24; B29C 45/0005; B29C 45/0025;
 B29C 45/006; B29C 45/14311; B29C
 45/14778; B29C 45/14811; B29C
 45/14819; B29C 45/1657; B29C 45/1671;
 B29C 45/1761; B29C 45/2708; B29C
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See application file for complete search history.

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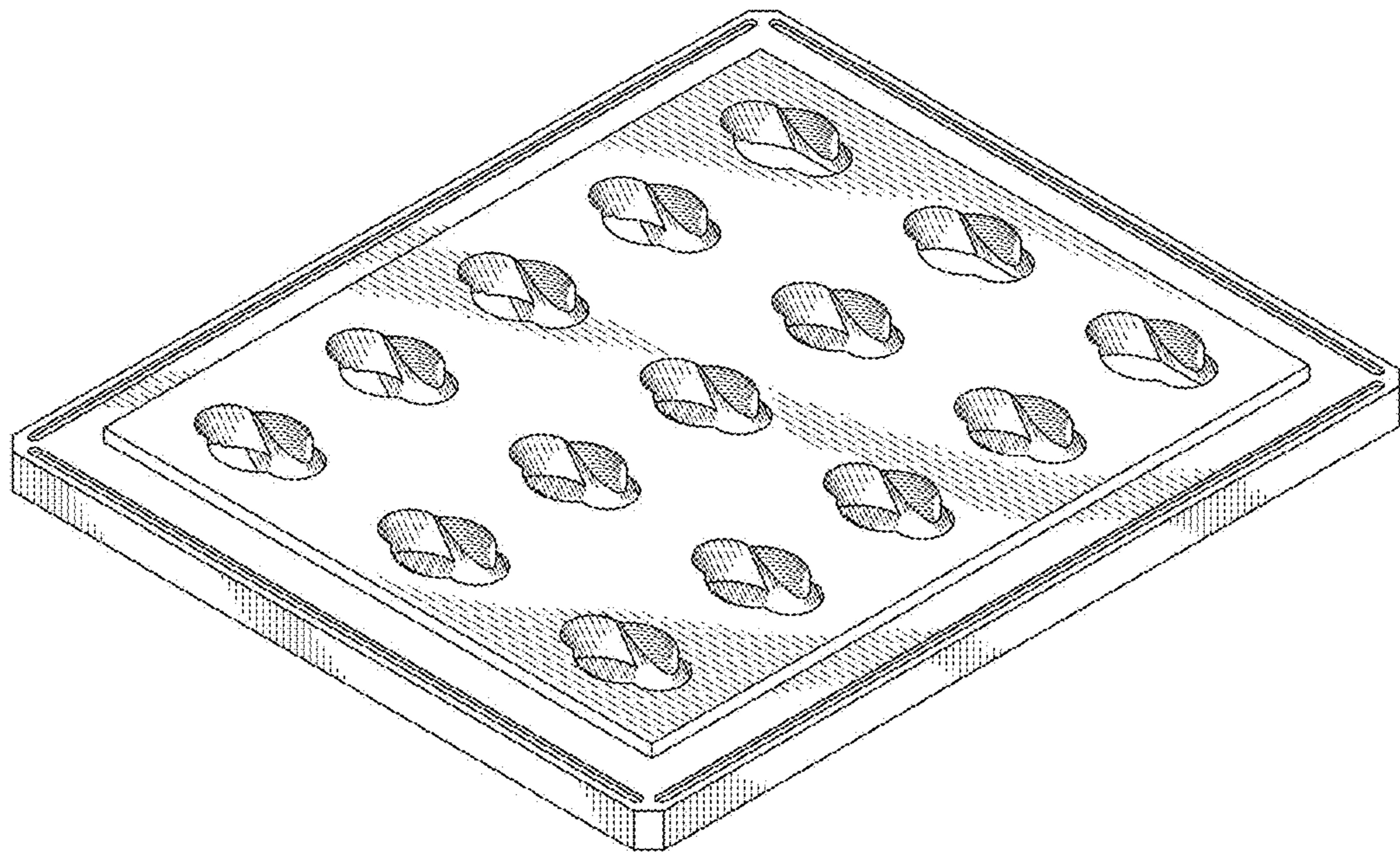


FIG. 1

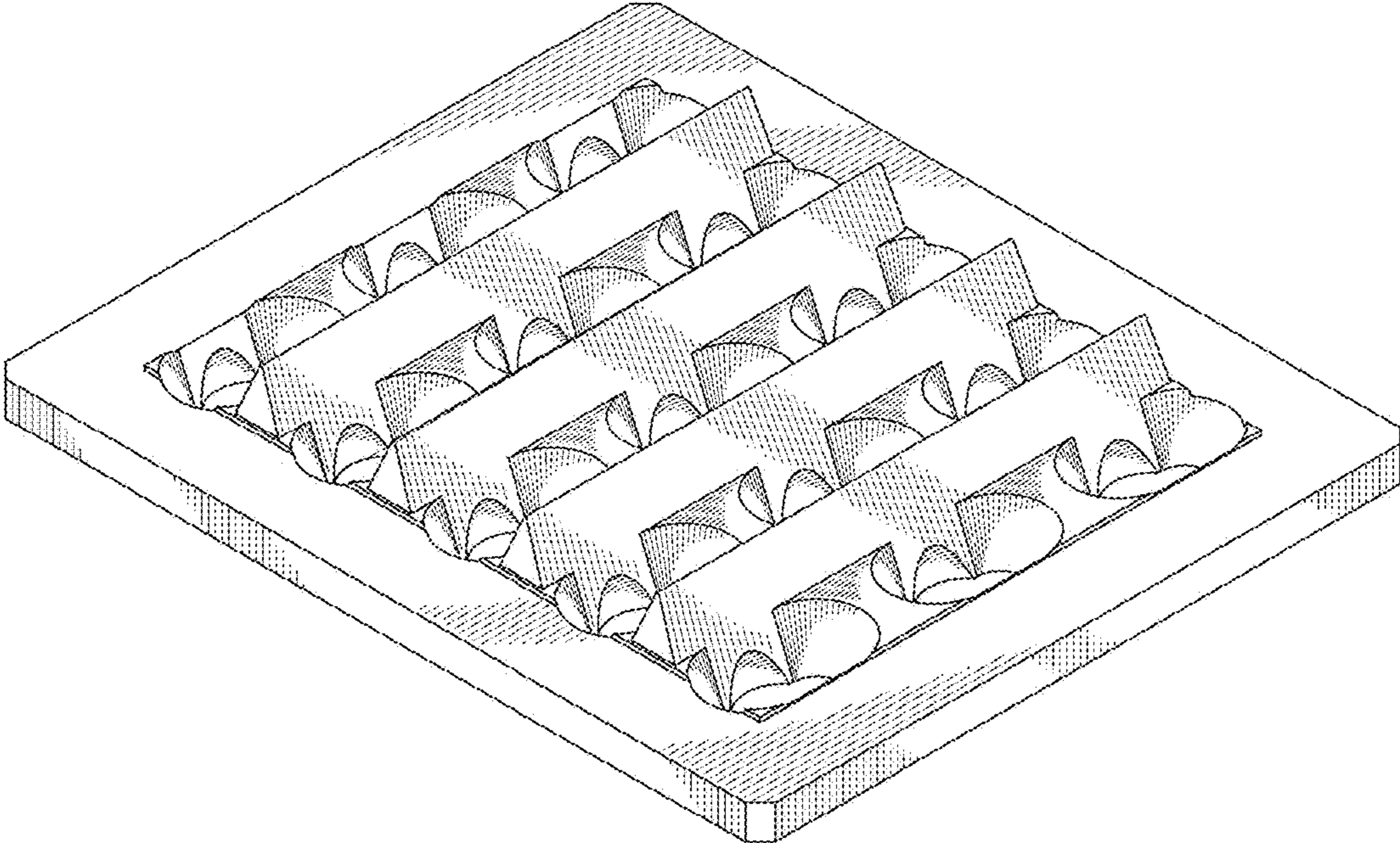


FIG. 2

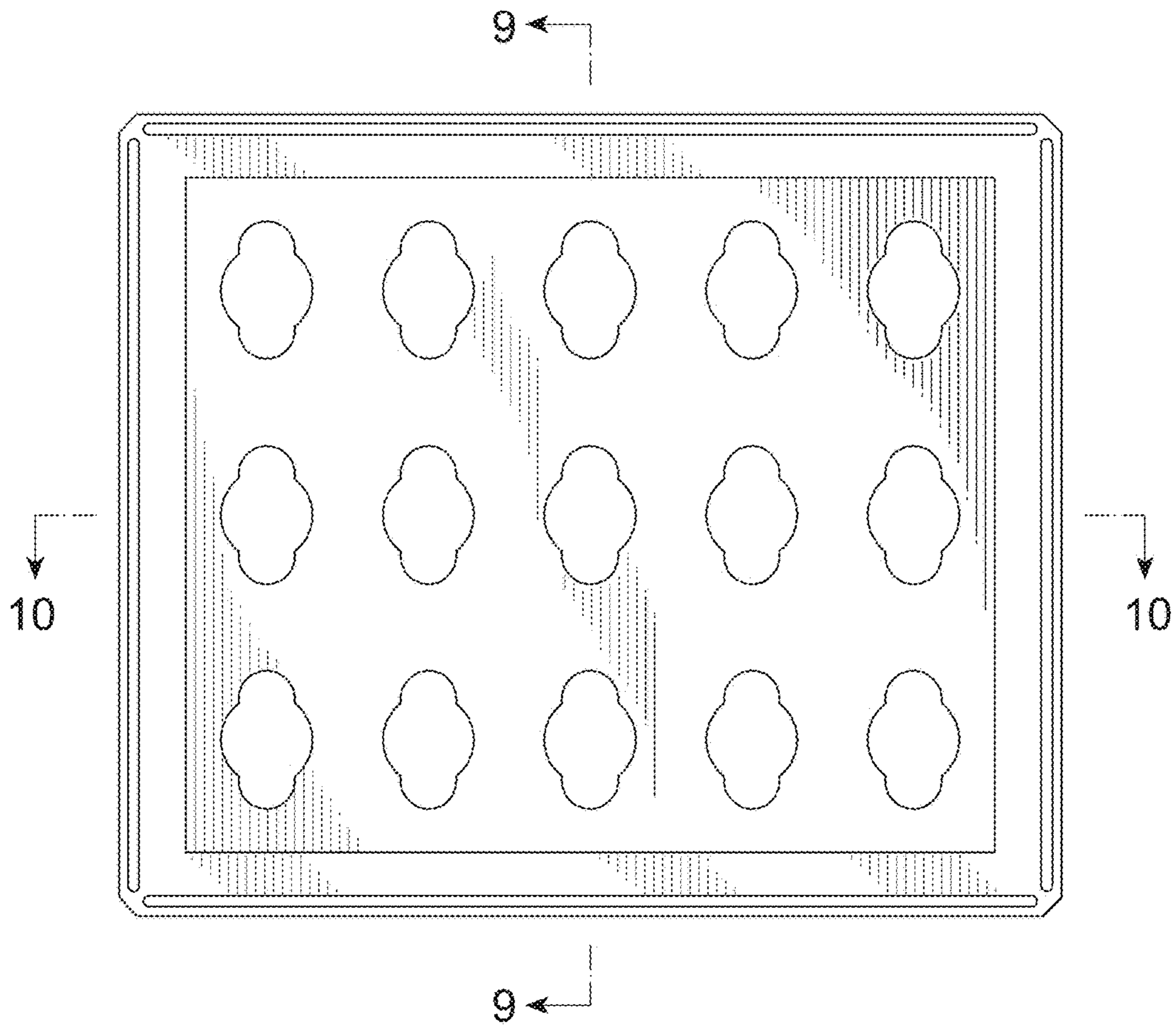


FIG. 3

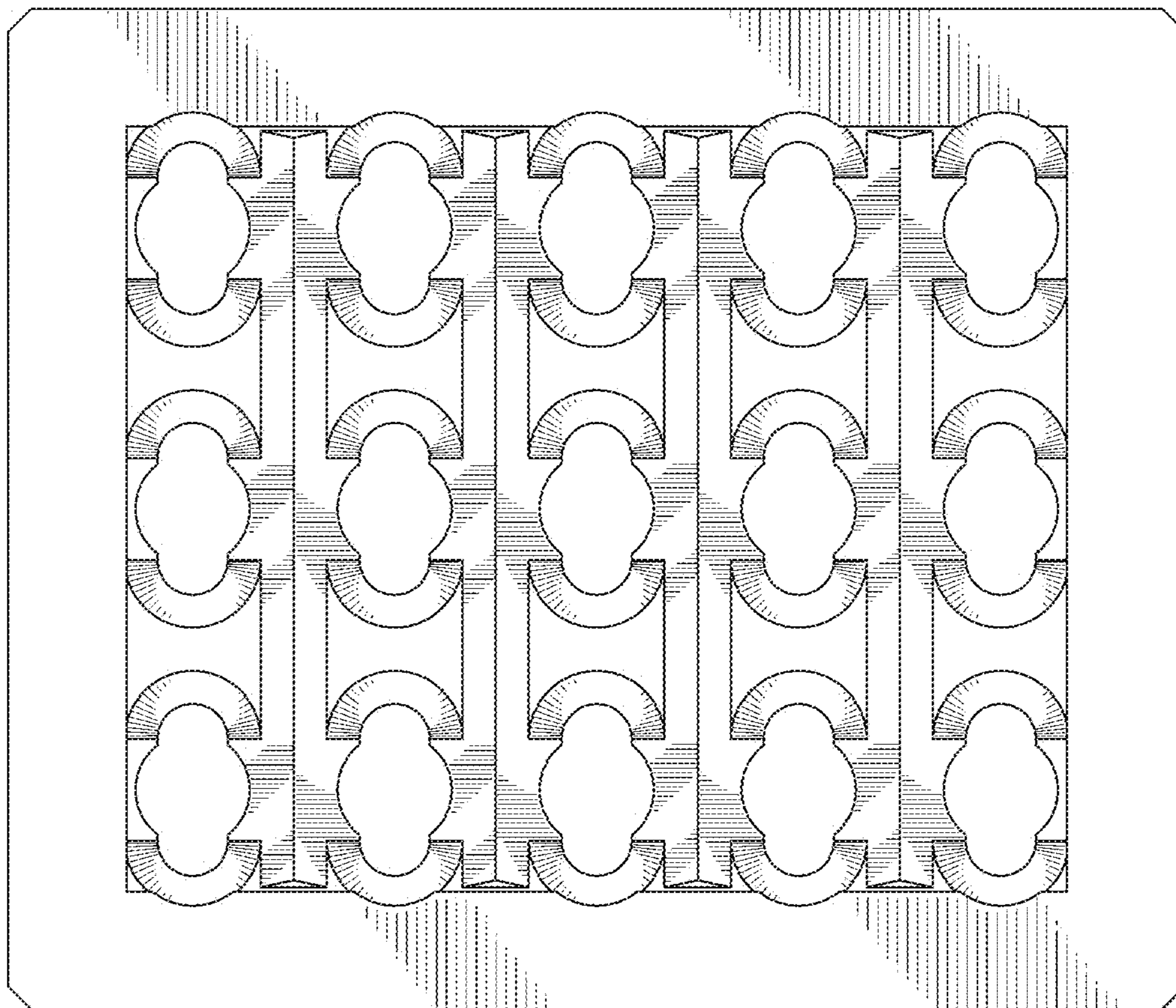


FIG. 4

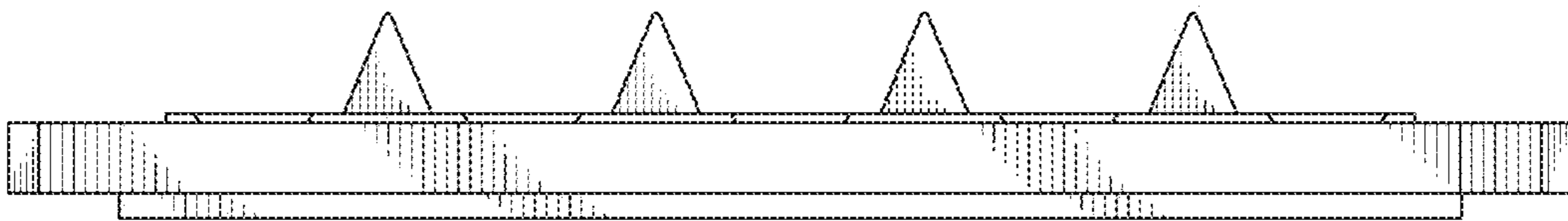


FIG. 5

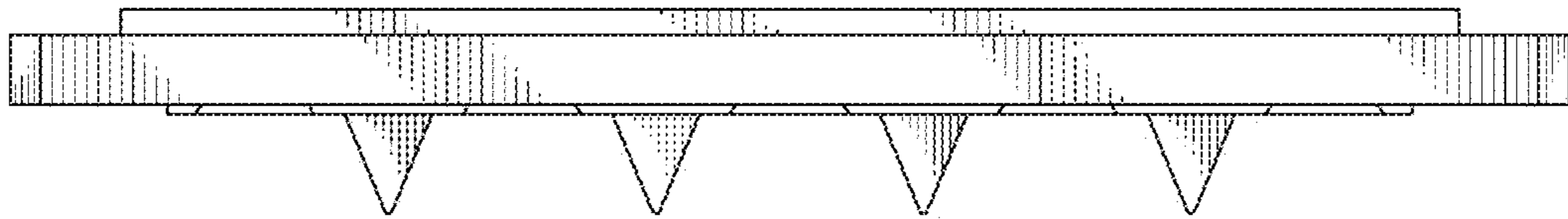


FIG. 6

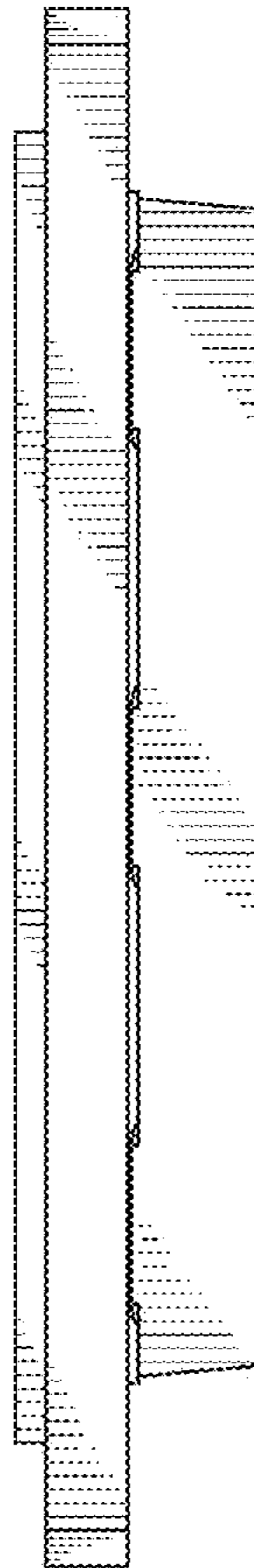


FIG. 7



FIG. 8

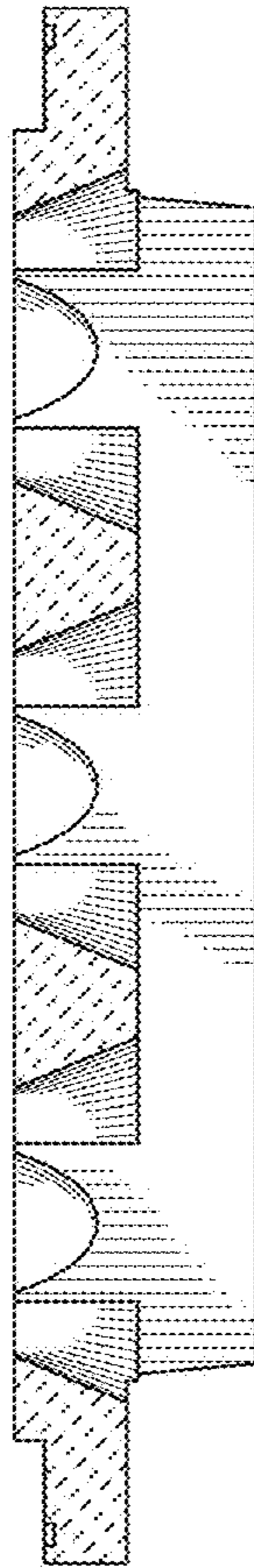


FIG. 9

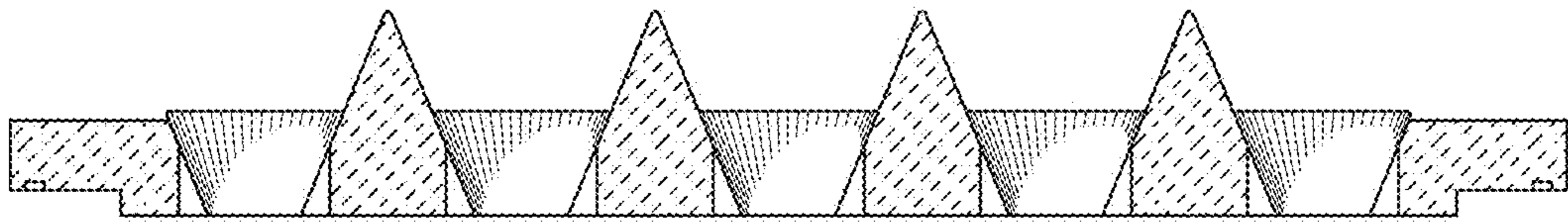


FIG. 10

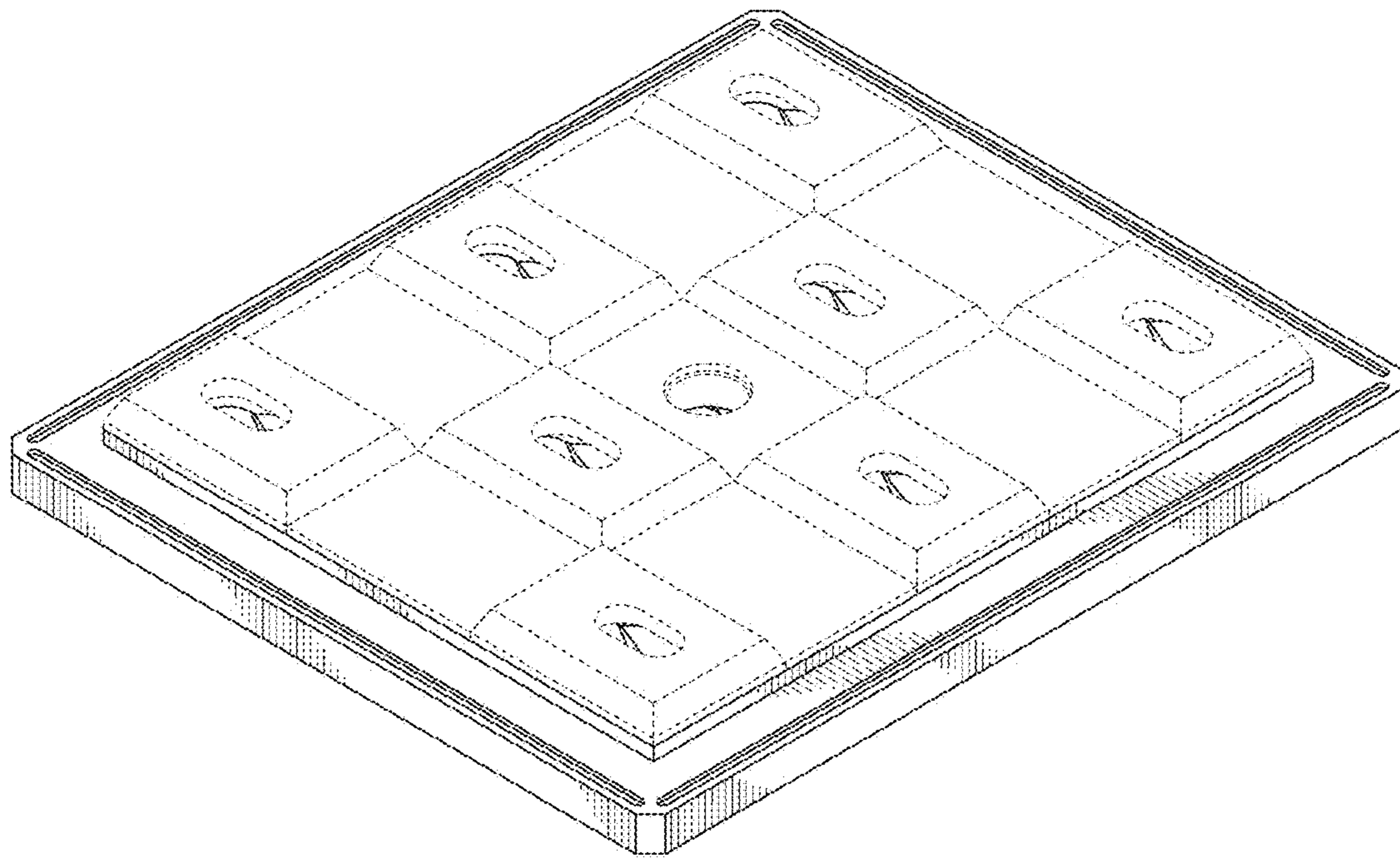


FIG. 11