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

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(45) **Date of Patent:** **** Aug. 23, 2022**

(54) **BATTERY MODULE CASE**

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(73) Assignee: **DENSO CORPORATION**, Kariya (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/119**

(58) **Field of Classification Search**

USPC D13/102, 103, 110, 118–121, 184, 199;
D3/274, 302; D14/250

CPC H01M 50/10; H01M 50/107; H01M 50/20;
H01M 50/557; H01M 50/209; H01M
50/213; H01M 50/502; H01M 50/103;
H01M 50/204

See application file for complete search history.

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(Continued)

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(74) *Attorney, Agent, or Firm* — Oliff PLC

(57) **CLAIM**

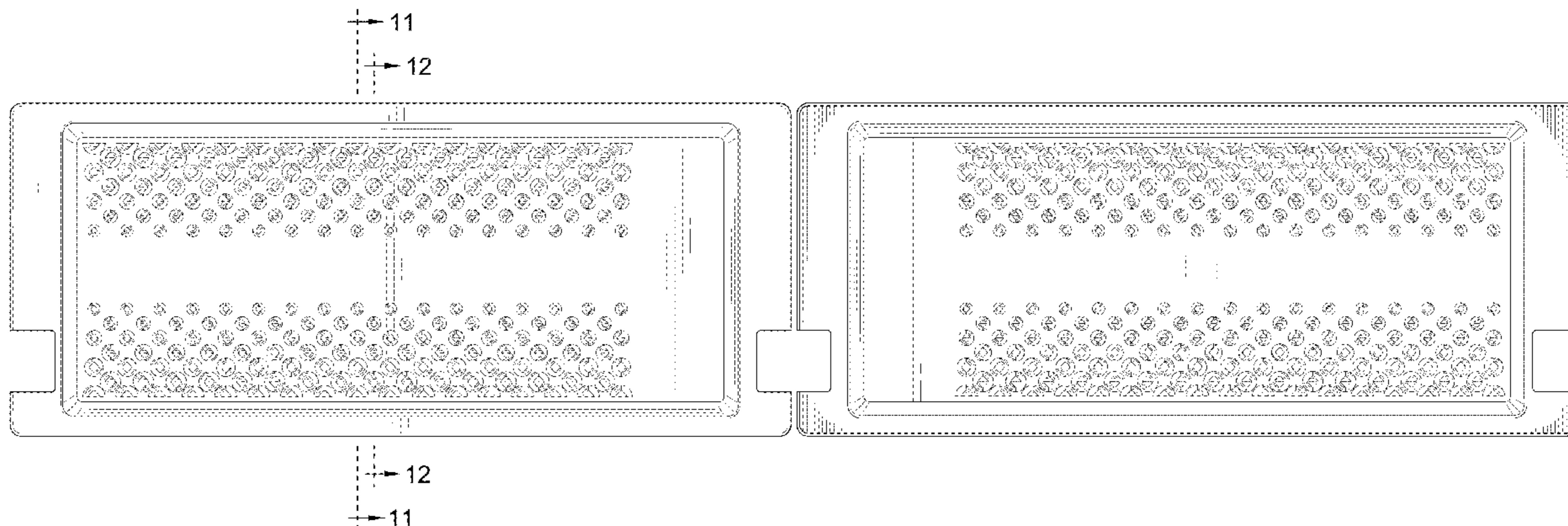
The ornamental design for a battery module case, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of the battery module case; FIG. 2 is a rear elevational view thereof; FIG. 3 is a left-side elevational view thereof; FIG. 4 is a right-side elevational view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a top, front perspective view thereof; FIG. 8 is a top, rear perspective view thereof; FIG. 9 is a top, left perspective view thereof; FIG. 10 is a top, right perspective view thereof; FIG. 11 is a cross-sectional view along line 11-11 in FIG. 1; FIG. 12 is a cross-sectional view along line 12-12 in FIG. 1; FIG. 13 is a detail view of the area demarcated by line 13 in FIG. 11; FIG. 14 is a detail view of the area demarcated by line 14 in FIG. 11; FIG. 15 is a detail view of the area demarcated by line 15 in FIG. 12; FIG. 16 is a detail view of the area demarcated by line 16 in FIG. 12; FIG. 17 is a detail view of the area demarcated by line 17 in FIG. 9; FIG. 18 is a detail view of the area demarcated by line 18 in FIG. 9; FIG. 19 is a detail view of the area demarcated by line 19 in FIG. 10; and, FIG. 20 is a detail view of the area demarcated by line 20 in FIG. 10.

The evenly spaced broken lines indicate the cross-sectional lines and the detail view lines, and form no part of the claimed design.

1 Claim, 13 Drawing Sheets



(56)

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2022/0140425	A1	*	5/2022	Lee	H01M 50/186 429/185

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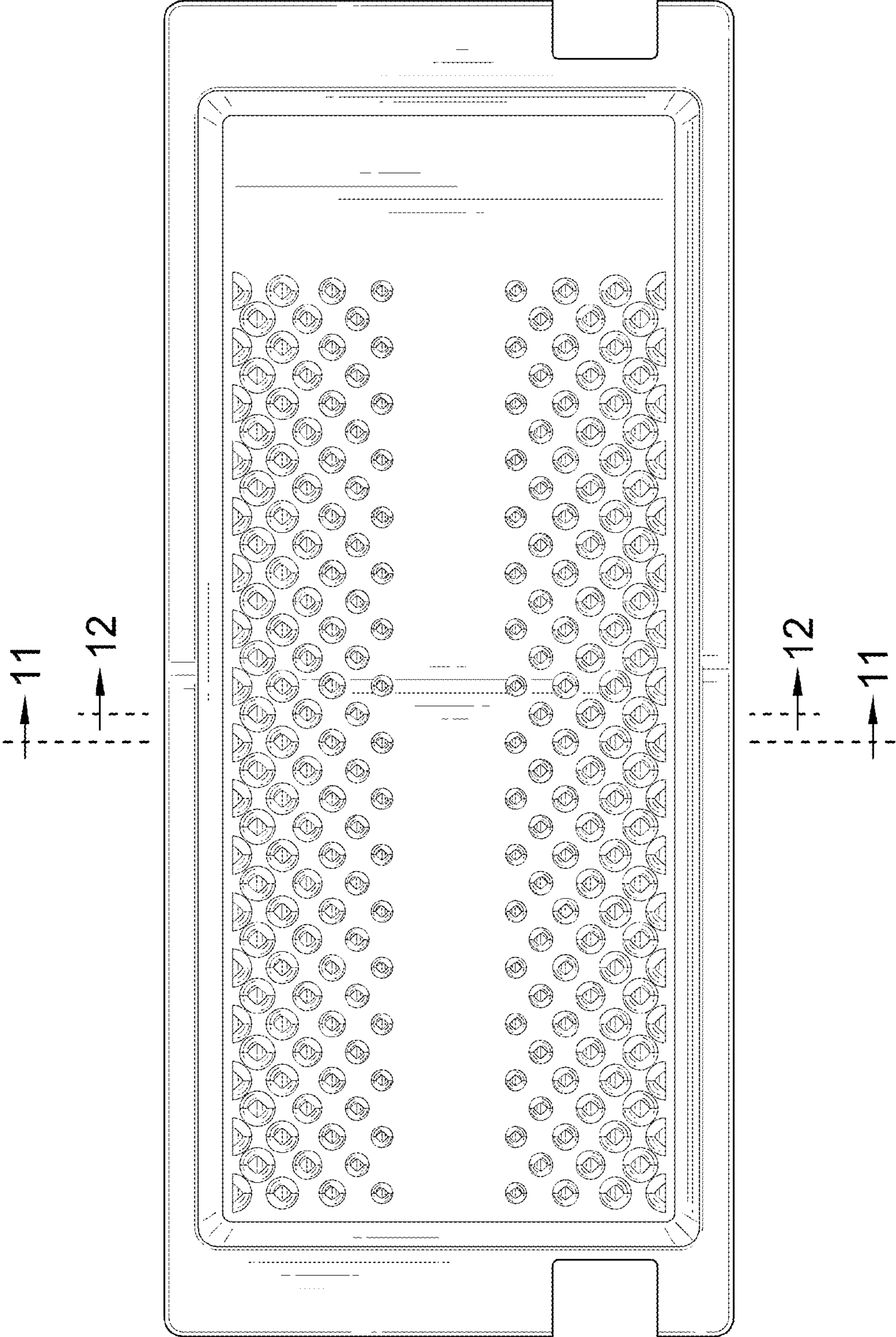


FIG. 1

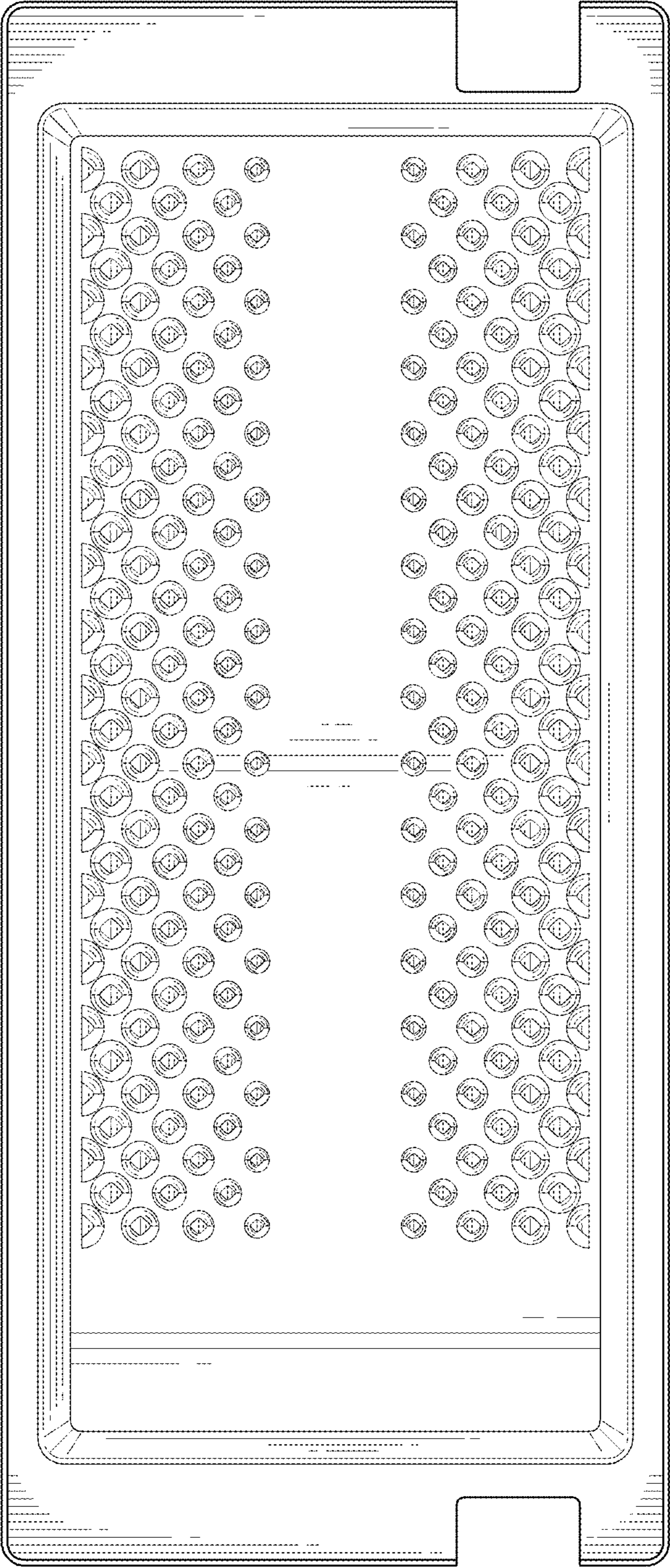


FIG. 2

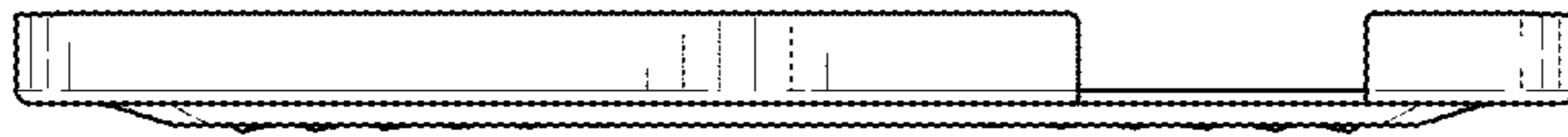


FIG. 4

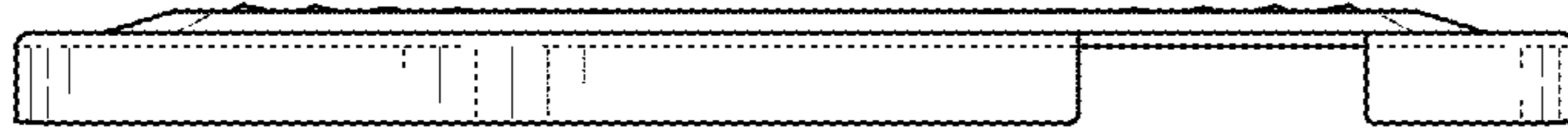


FIG. 3

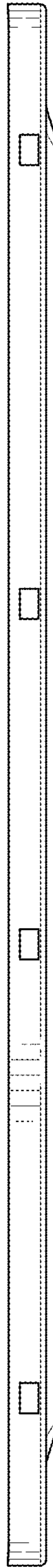


FIG. 5



FIG. 6

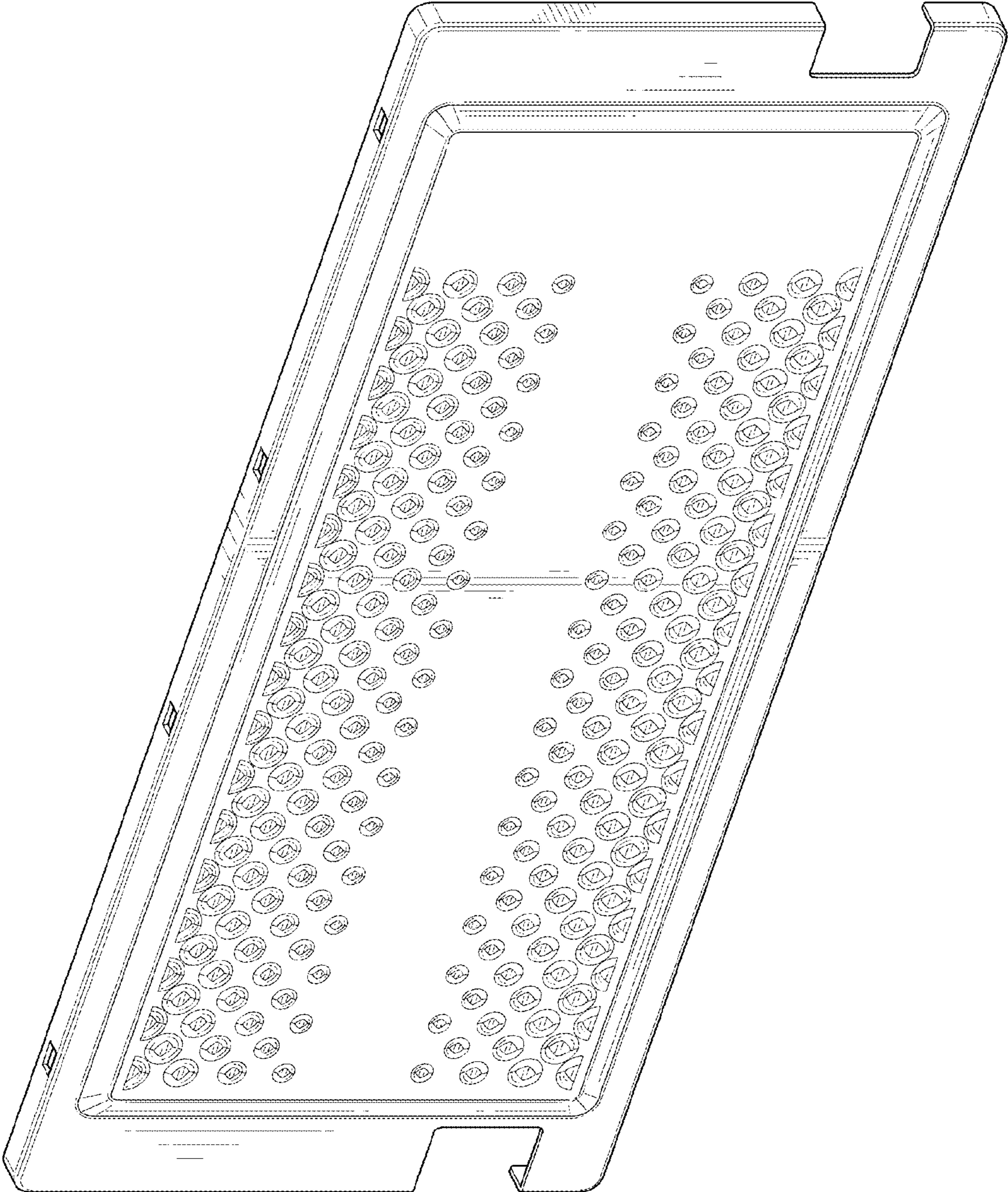


FIG. 7

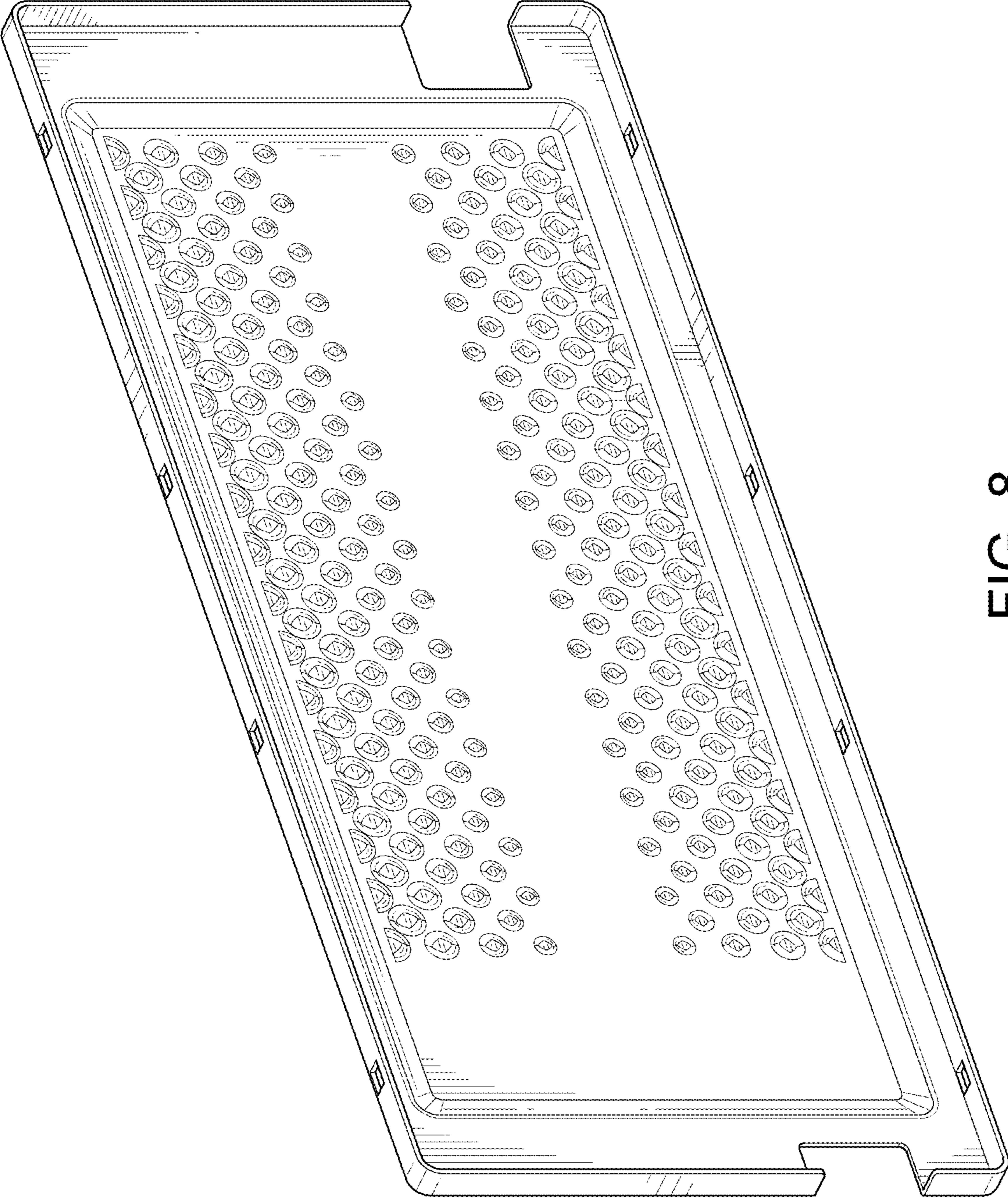


FIG. 8

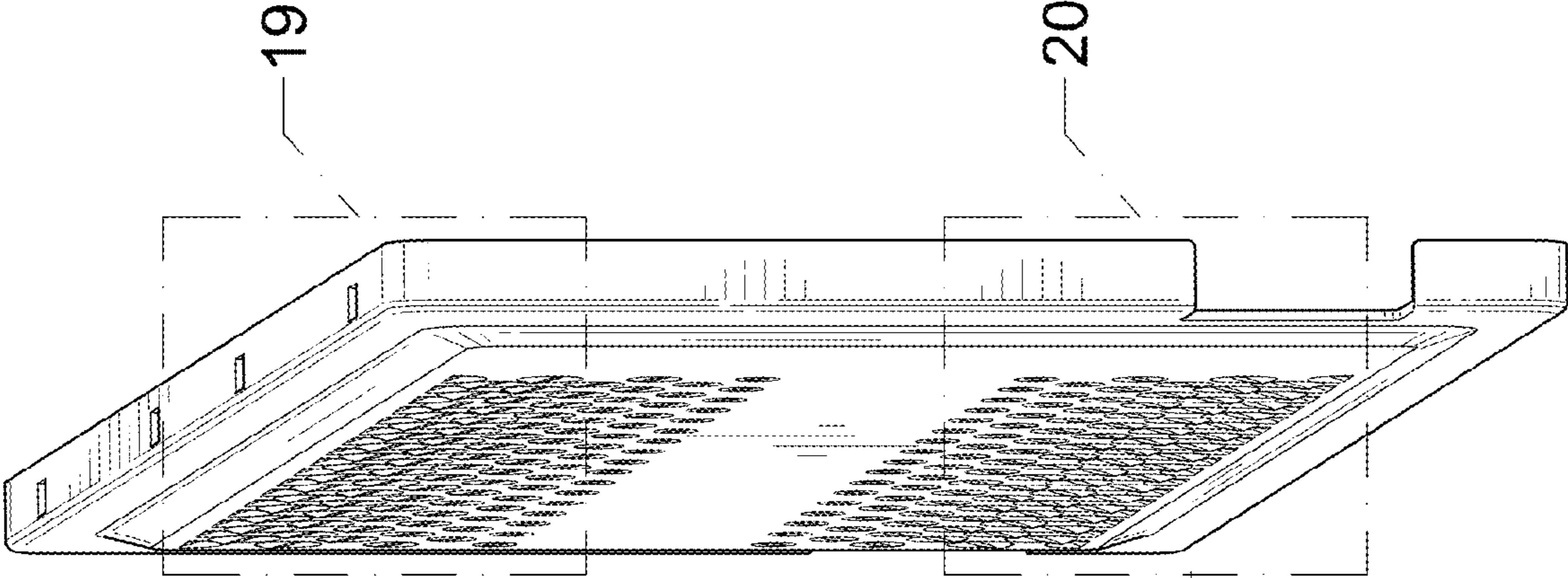


FIG. 10

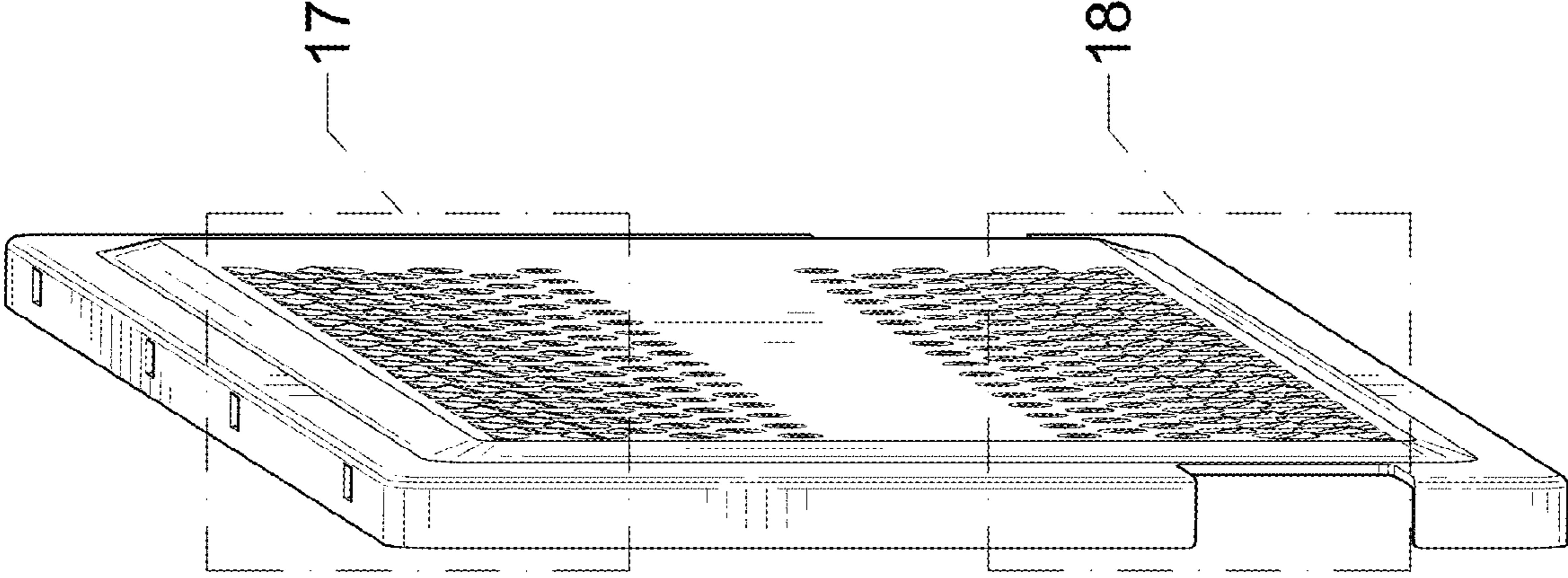


FIG. 9

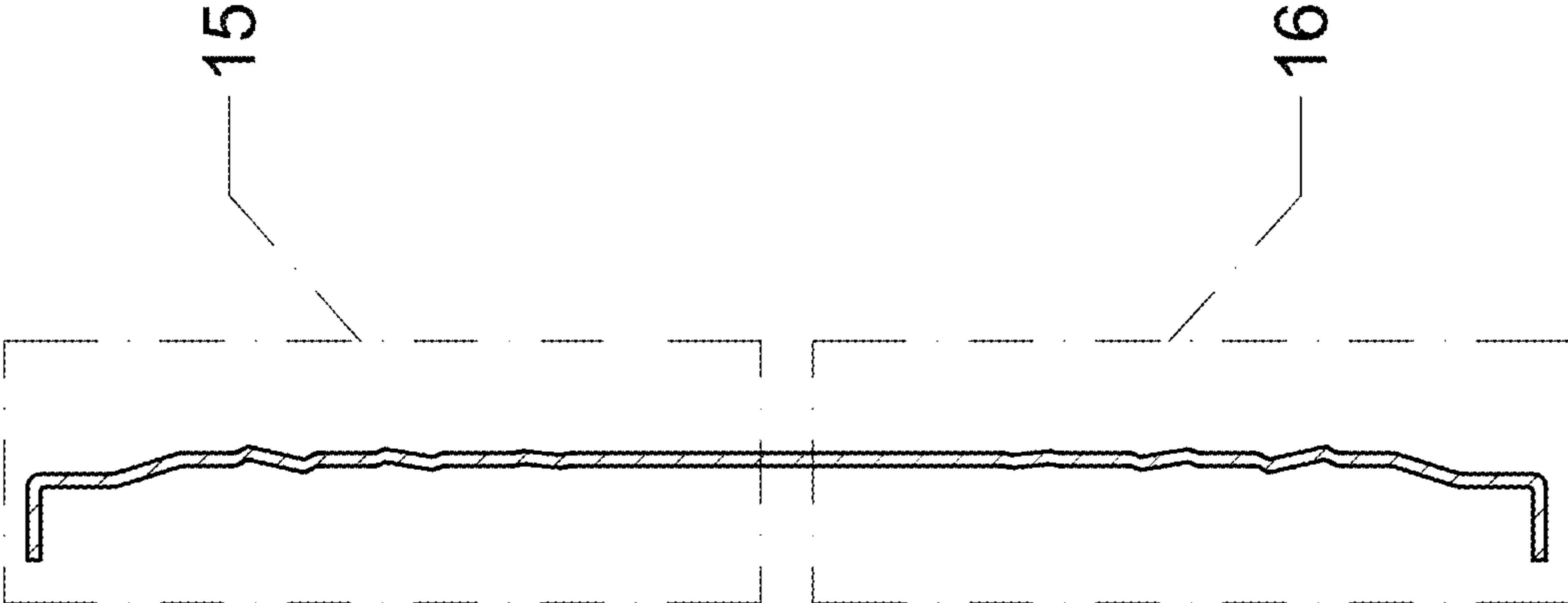


FIG. 11

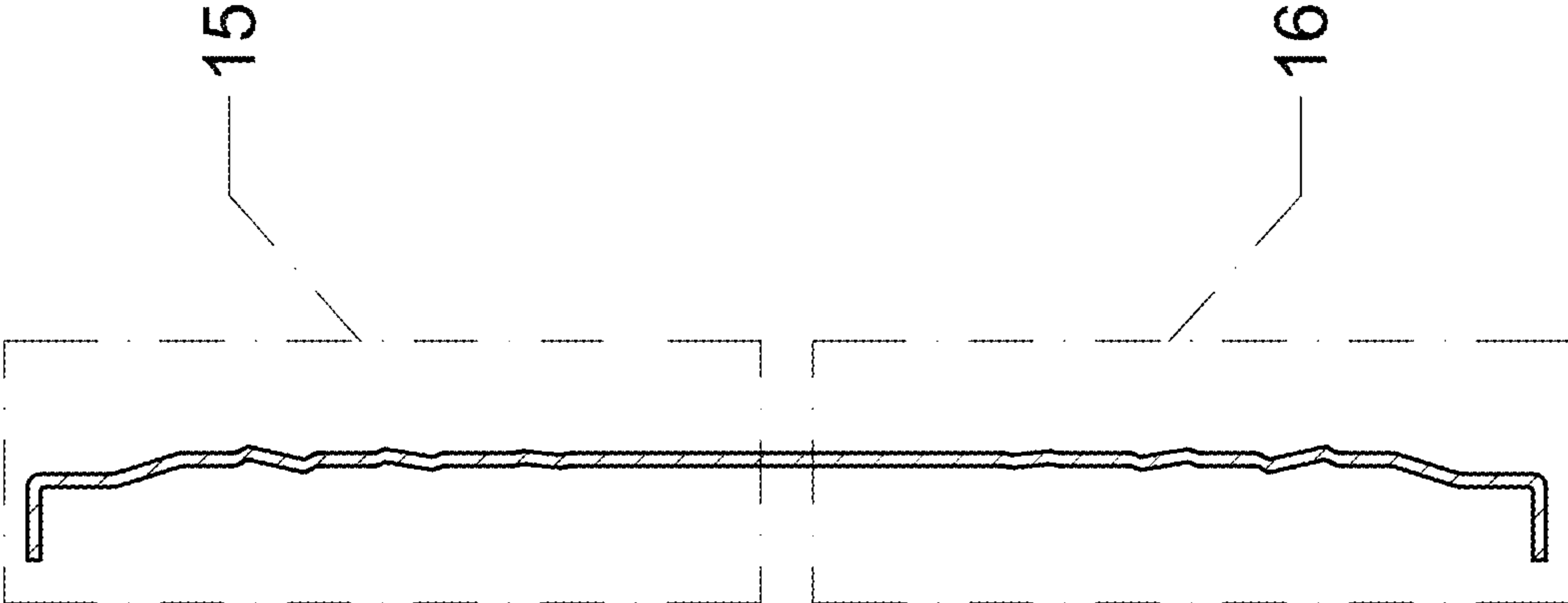


FIG. 12

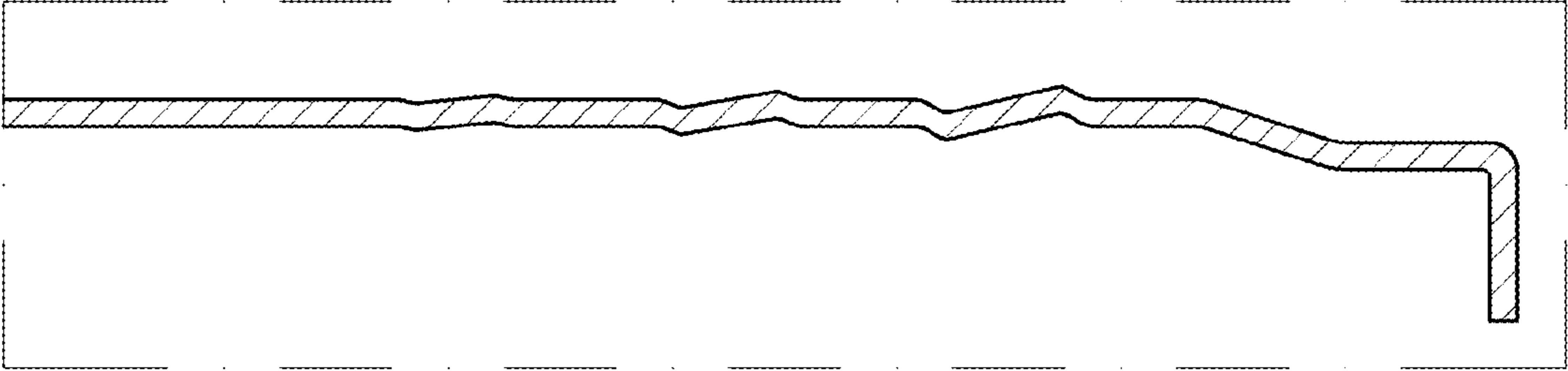


FIG. 13

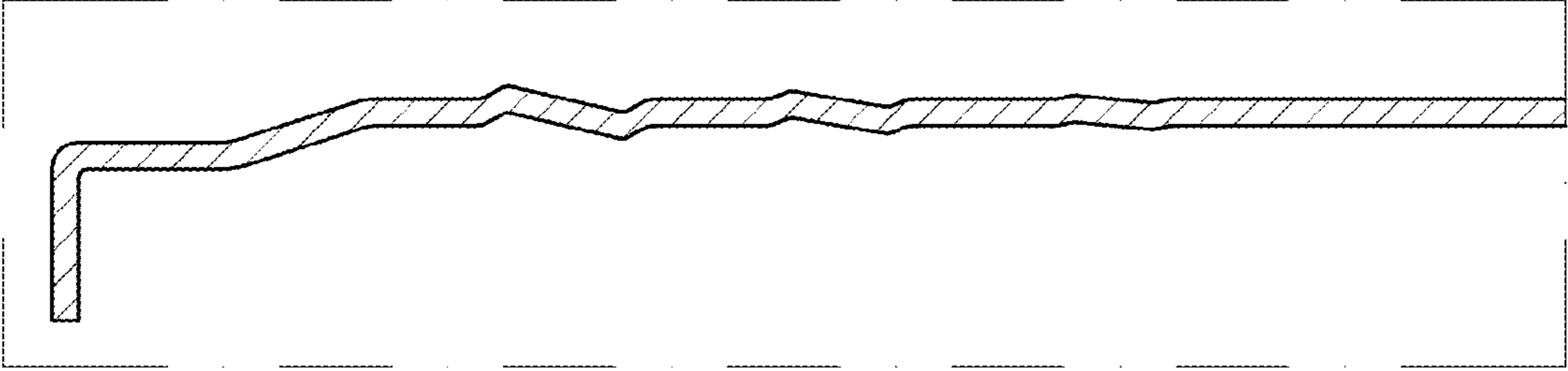


FIG. 14

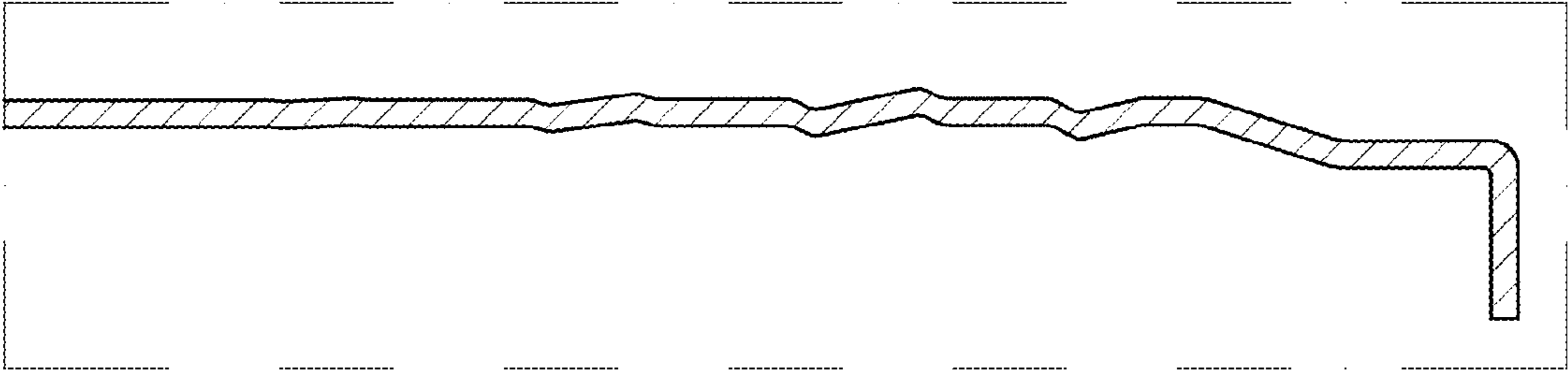


FIG. 15

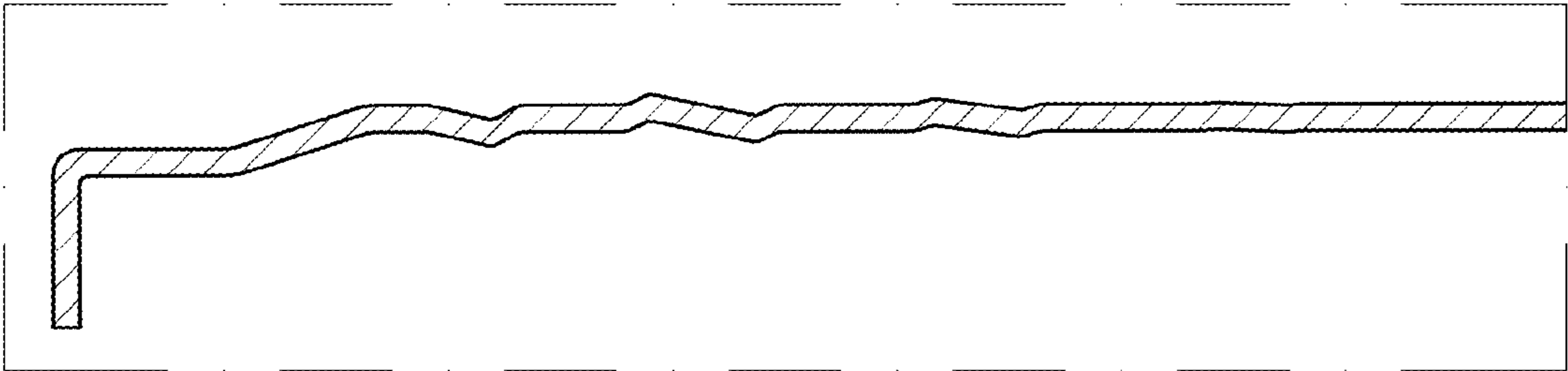


FIG. 16

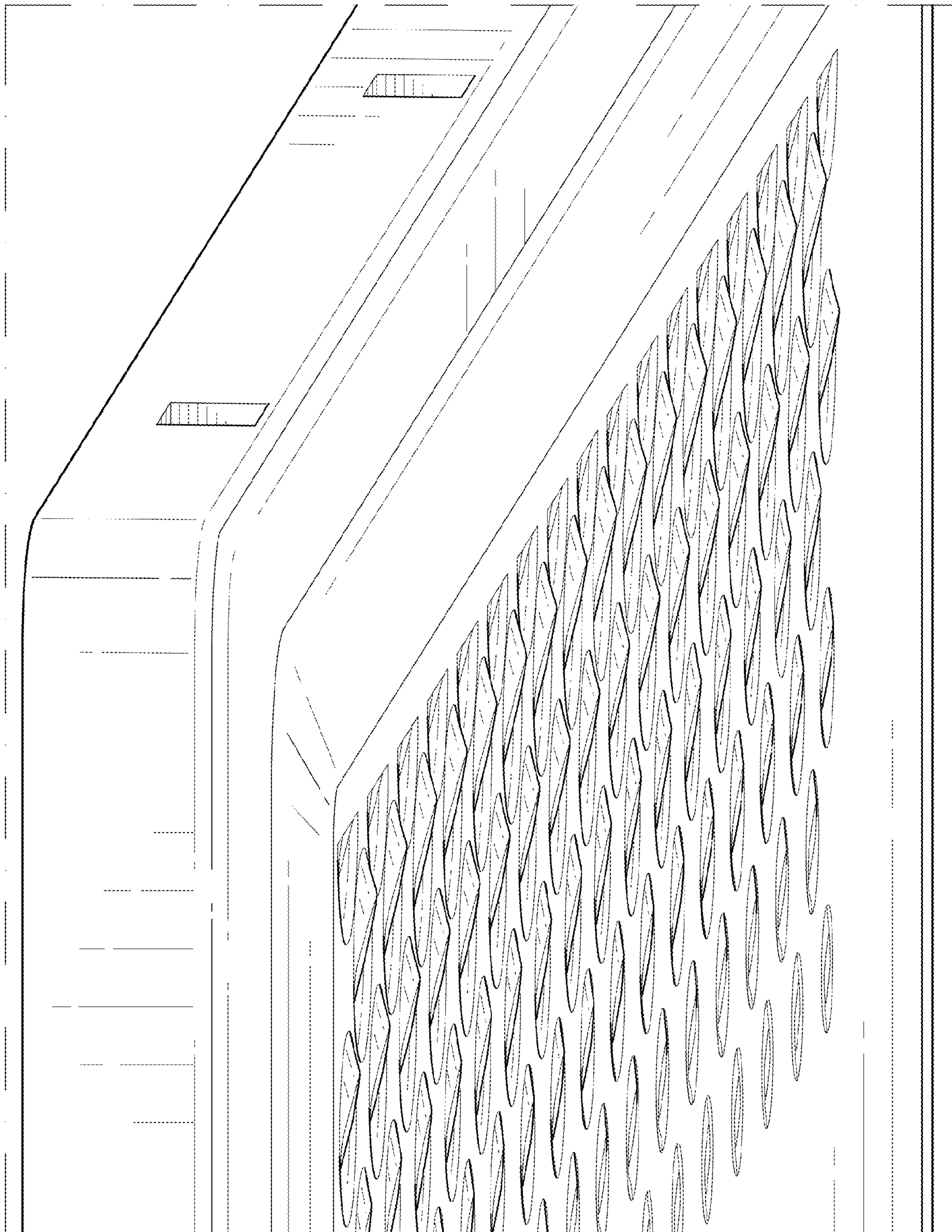


FIG. 17

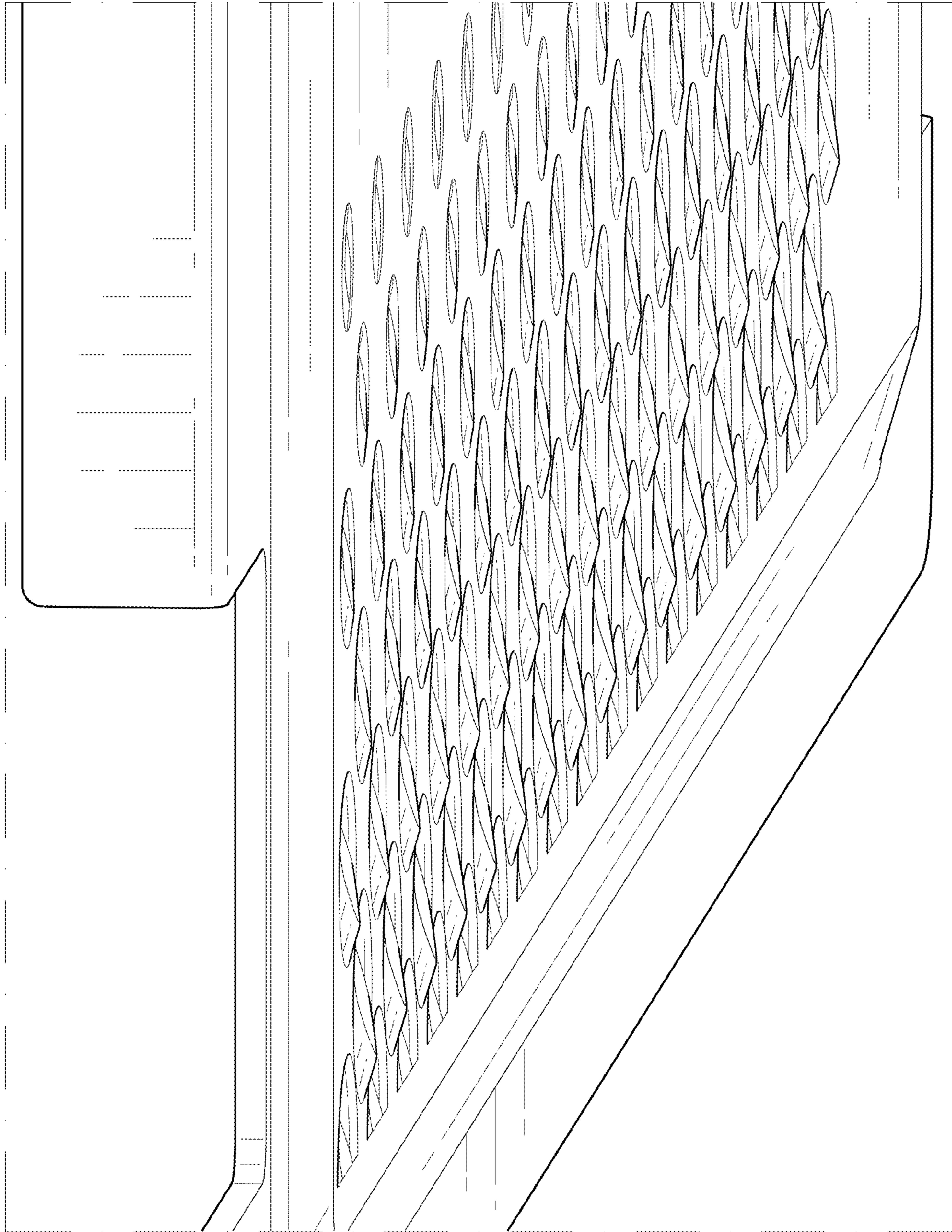


FIG. 18

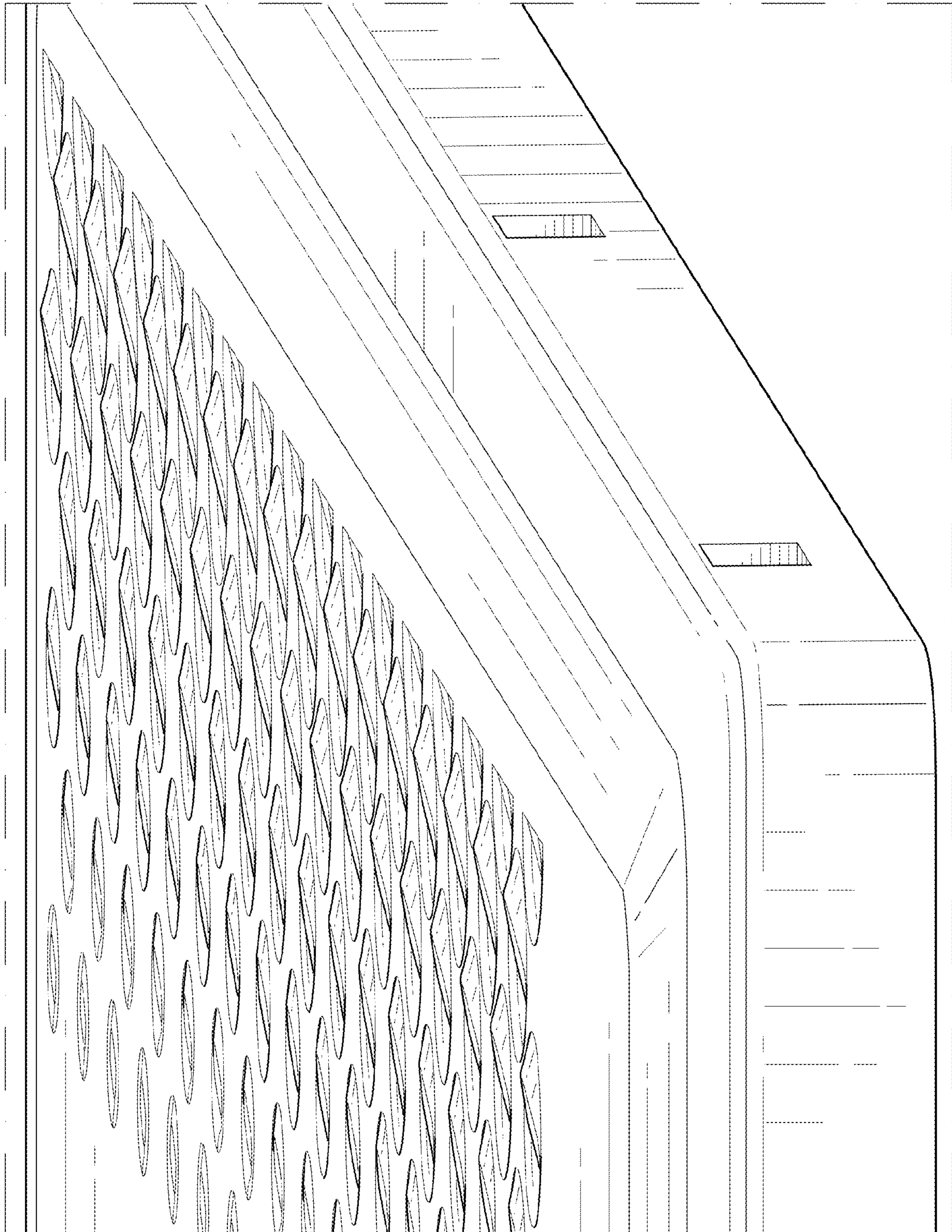


FIG. 19

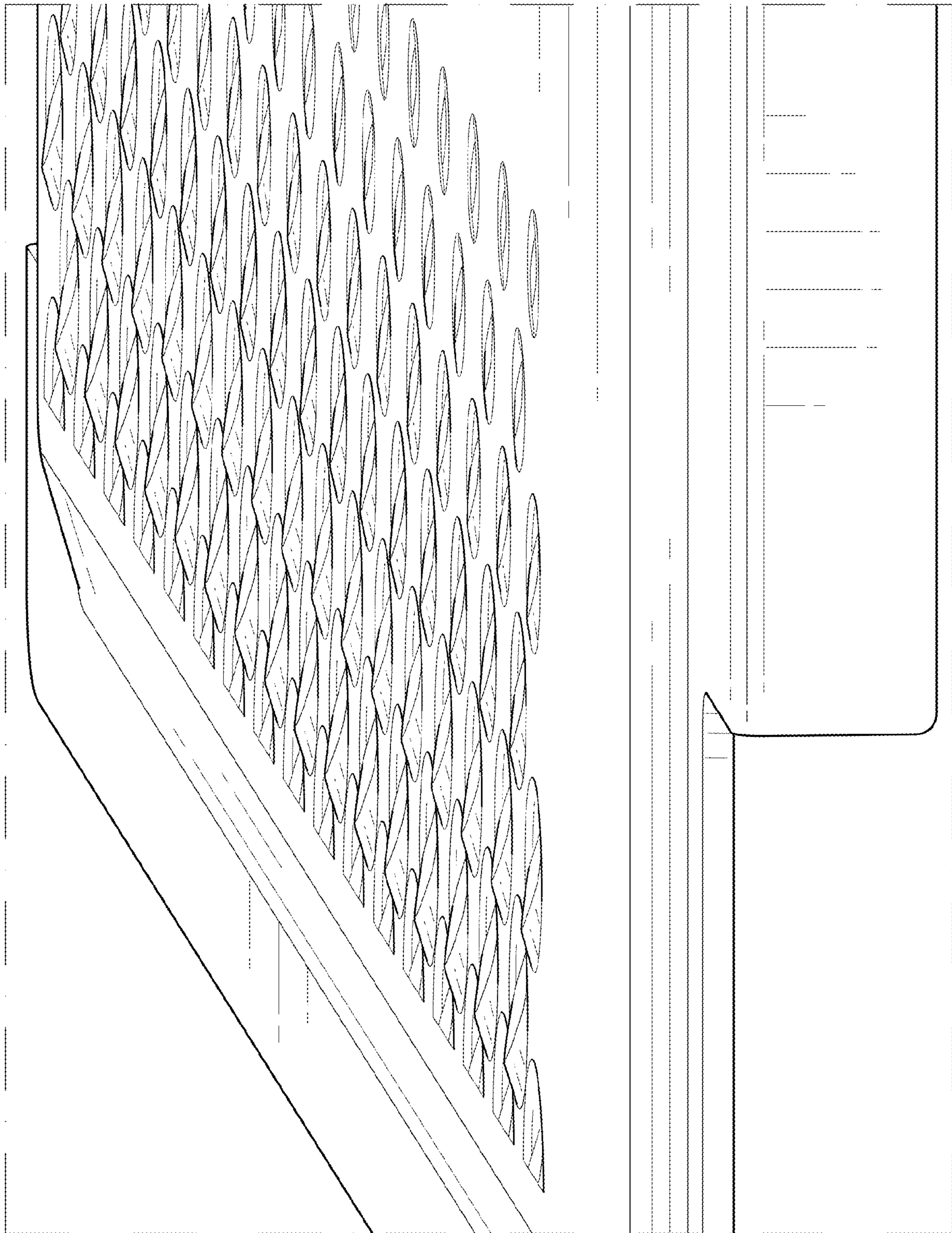


FIG. 20