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Motadel et al.

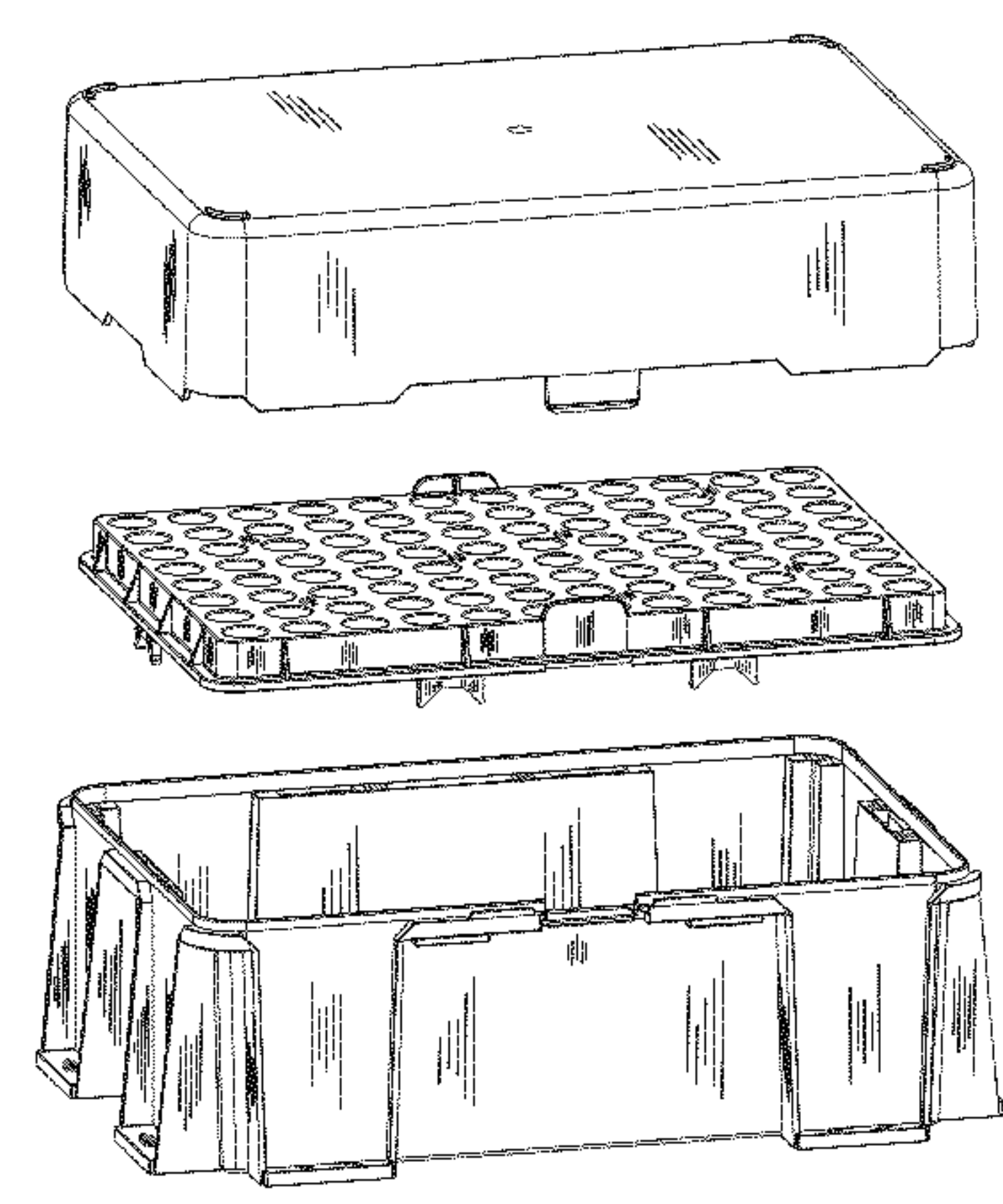
(10) **Patent No.:** **US D724,236 S**
(45) **Date of Patent:** **** Mar. 10, 2015**

- (54) **PIPETTE TIP RACK ASSEMBLY**
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- (72) Inventors: **Arta Motadel**, San Diego, CA (US);
Phillip Chad Hairfield, San Diego, CA (US);
Peter Paul Blaszcak, San Diego, CA (US)
- (73) Assignee: **Biotix, Inc.**, San Diego, CA (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/446,279**
- (22) Filed: **Feb. 21, 2013**
- (51) **LOC (10) Cl.** **24-02**
- (52) **U.S. Cl.**
USPC **D24/227**
- (58) **Field of Classification Search**
USPC D24/108, 127-130, 216, 222, 224-232;
422/63, 65, 99-104, 250, 266, 297,
422/300, 476, 526, 562, 564; 211/69,
211/71-72, 74, 71.01, 85.18; D19/37;
206/562, 508, 723; 414/404; 221/92
See application file for complete search history.

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Assistant Examiner — Mark Cavanna

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(57) CLAIM

The ornamental design for a pipette tip rack assembly, as shown and described.

DESCRIPTION

This application is related to U.S. application Ser. No. 13/773,505 filed on Feb. 21, 2013, entitled Pipette Tip Rack naming Arta Motadel, Philip Hairfield and Peter Blaszcak as inventors. The entire content of the foregoing application is incorporated herein by reference, including all text, tables and drawings.

FIG. 1 is an exploded front perspective view of a pipette tip rack assembly;

FIG. 2 is an exploded rear perspective view thereof;

FIG. 3 is a front perspective view of a pipette tip rack assembly;

FIG. 4 is a front view thereof;

FIG. 5 is a rear view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a left side view thereof;

FIG. 8 is a top view thereof;

FIG. 9 is a cross sectional view thereof taken along lines 9-9 of FIG. 8;

FIG. 10 is a cross sectional view thereof taken along lines 10-10 of FIG. 8;

FIG. 11 is a bottom view thereof;

FIG. 12 is a front perspective view of a base of a pipette tip rack base shown separately for clarity of illustration;

FIG. 13 is an enlarged partial view thereof taken from section 13 of FIG. 12;

FIG. 14 is a top perspective view thereof;

FIG. 15 is an enlarged partial view thereof taken from section 15 of FIG. 14;

FIG. 16 is a bottom perspective view thereof;

FIG. 17 is a front view thereof;

FIG. 18 is a back view thereof;

FIG. 19 is a right side view thereof;

FIG. 20 is a left side view thereof;

FIG. 21 is a top view thereof;

FIG. 22 is a cross sectional view thereof taken along lines 22-22 of FIG. 21;

FIG. 23 is an enlarged partial view thereof taken from section 23 of FIG. 22;

FIG. 24 is a cross sectional view thereof taken along lines 24-24 of FIG. 21;

FIG. 25 is an enlarged partial view thereof taken from section 25 of FIG. 24;

FIG. 26 is a bottom view thereof;

FIG. 27 is a top perspective view of a tray of a pipette tip rack tray shown separately for clarity of illustration;

FIG. 28 is a bottom perspective view thereof;

FIG. 29 is a right long side view thereof;

FIG. 30 is a left long side view thereof;

FIG. 31 is a right short side view thereof;

FIG. 32 is a left short side view thereof;

FIG. 33 is a top view thereof;

FIG. 34 is a cross sectional view thereof taken along lines 34-34 of FIG. 33;

FIG. 35 is a cross sectional view thereof taken along lines 35-35 of FIG. 33;

FIG. 36 is a bottom view thereof;

FIG. 37 is top perspective view of a lid of a pipette tip rack lid shown separately for clarity of illustration;

FIG. 38 is a front view thereof;

FIG. 39 is a rear view thereof;

FIG. 40 is a right side view thereof;

FIG. 41 is a left side view thereof;

FIG. 42 is a top view thereof;

FIG. 43 is a cross sectional view thereof taken along lines 43-43 of FIG. 42;

FIG. 44 is an enlarged partial view thereof taken from section 44 of FIG. 43;

FIG. 45 is an enlarged partial view thereof taken from section 45 of FIG. 43;

FIG. 46 is a cross sectional view thereof taken along lines 46-46 of FIG. 42;

FIG. 47 is a bottom view thereof; and,

FIG. 48 is a bottom perspective view thereof.

The two types of broken lines in the drawings are used to clarify and locate sectional, enlarged or exploded views of the pipette tip rack assembly and form no part of the claimed design.

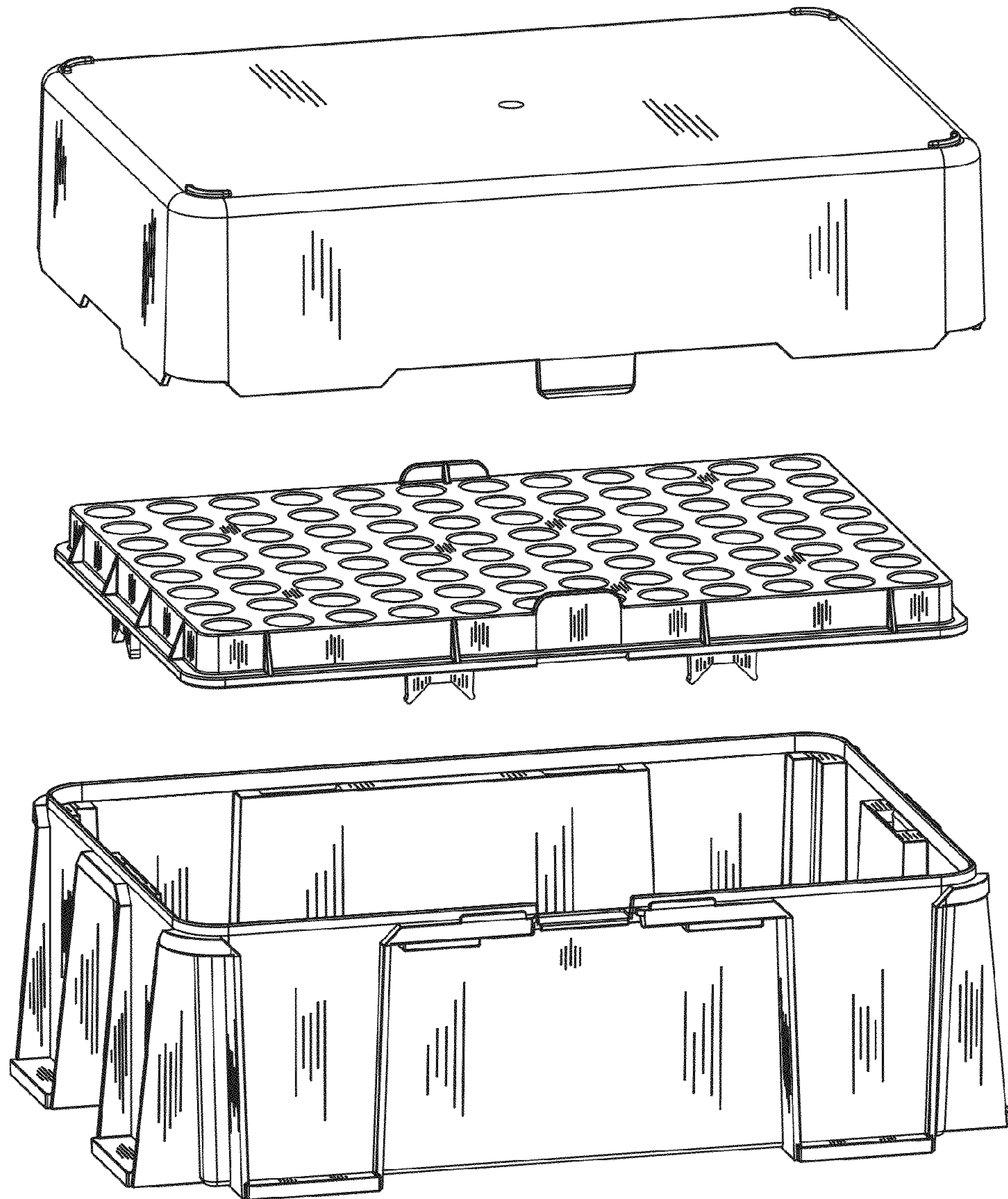


FIG. 1

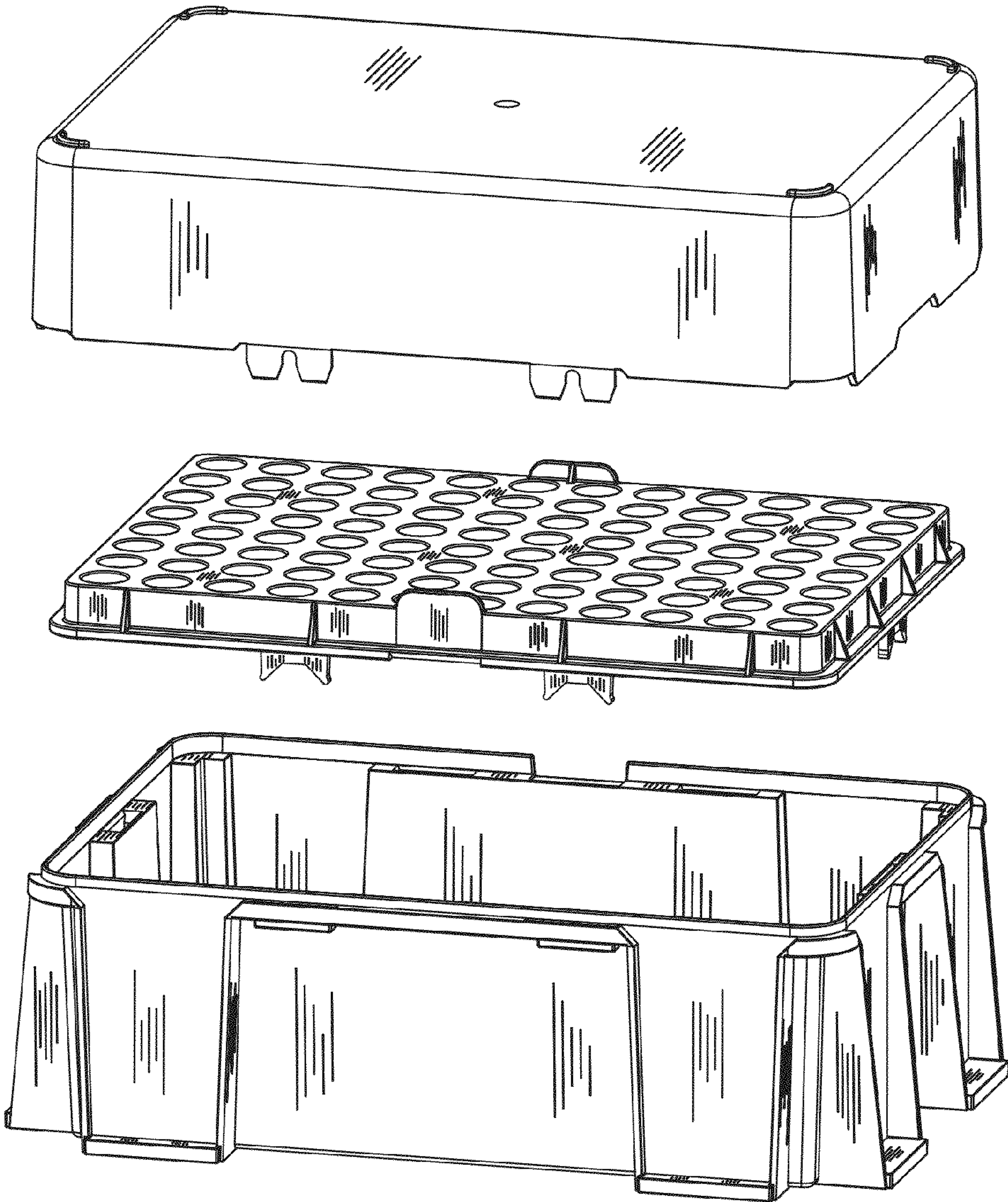


FIG. 2

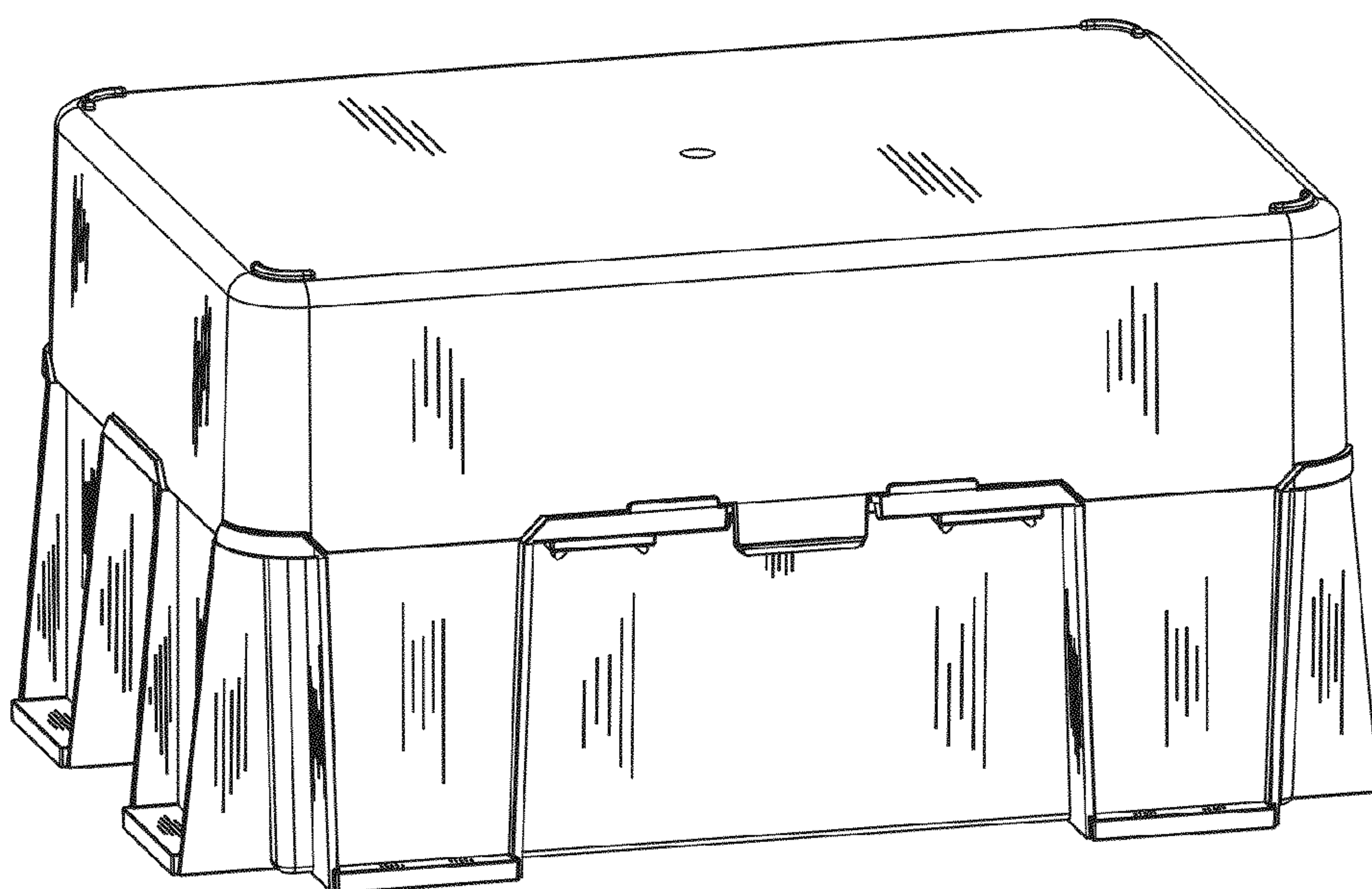


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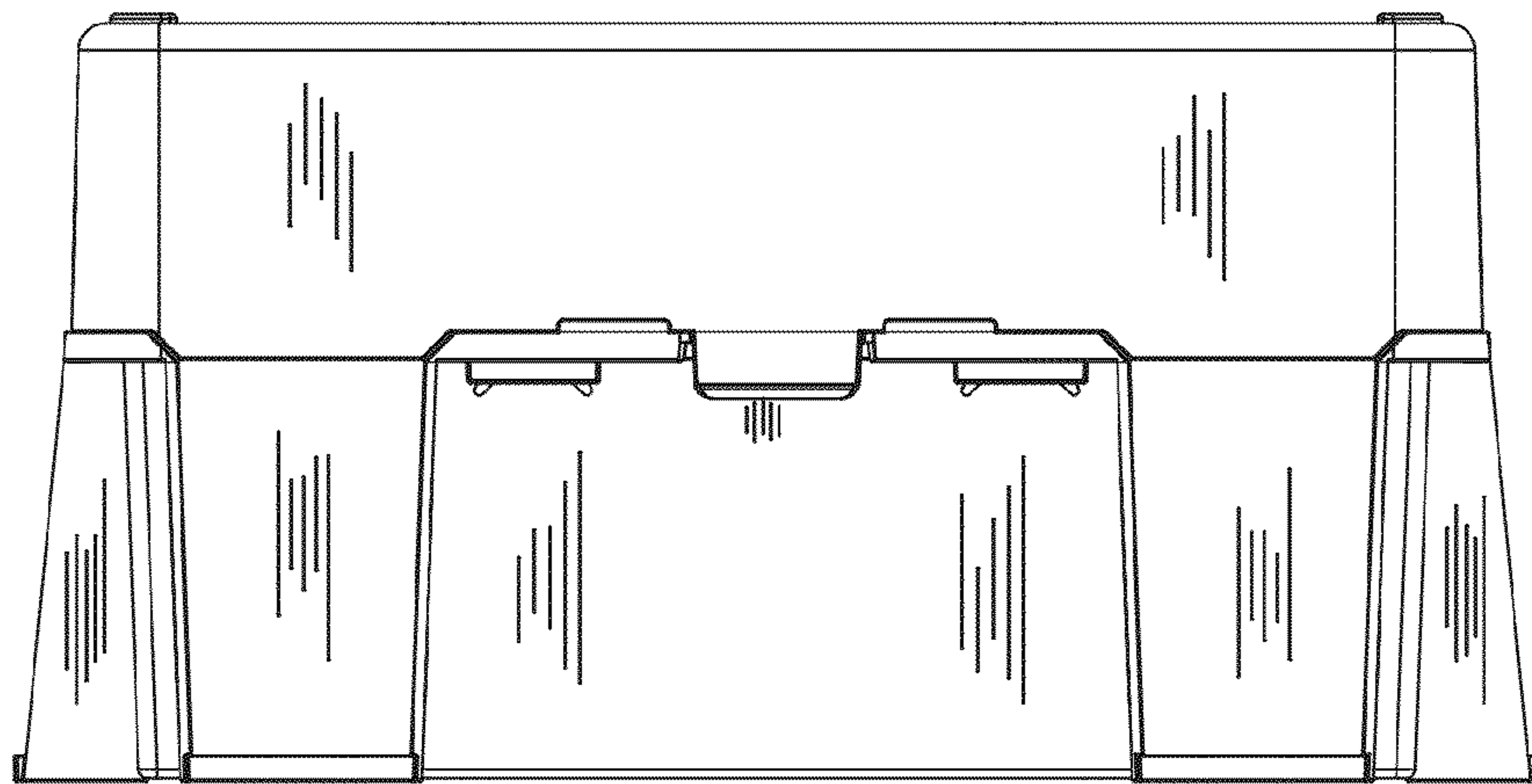


FIG. 4

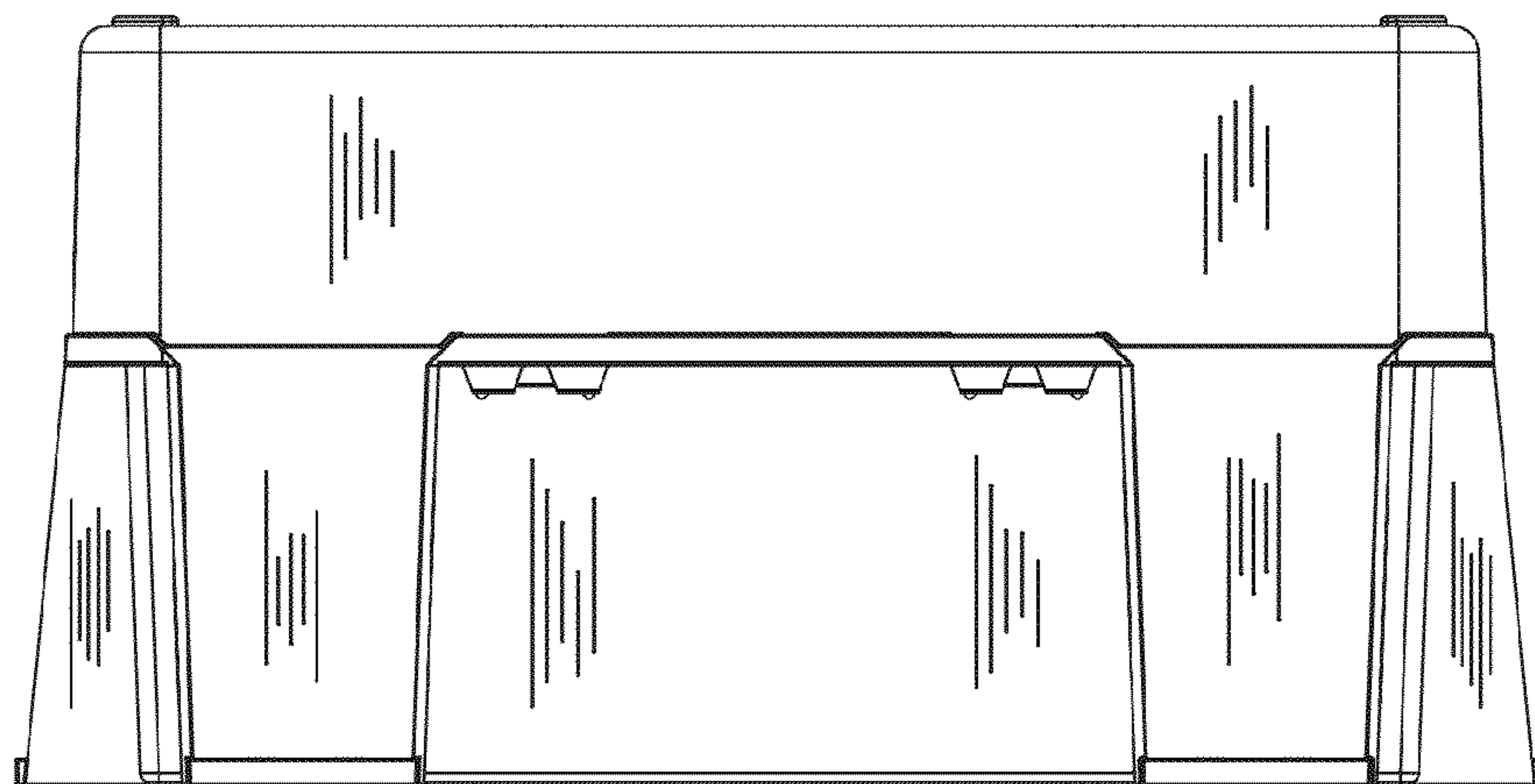


FIG. 5

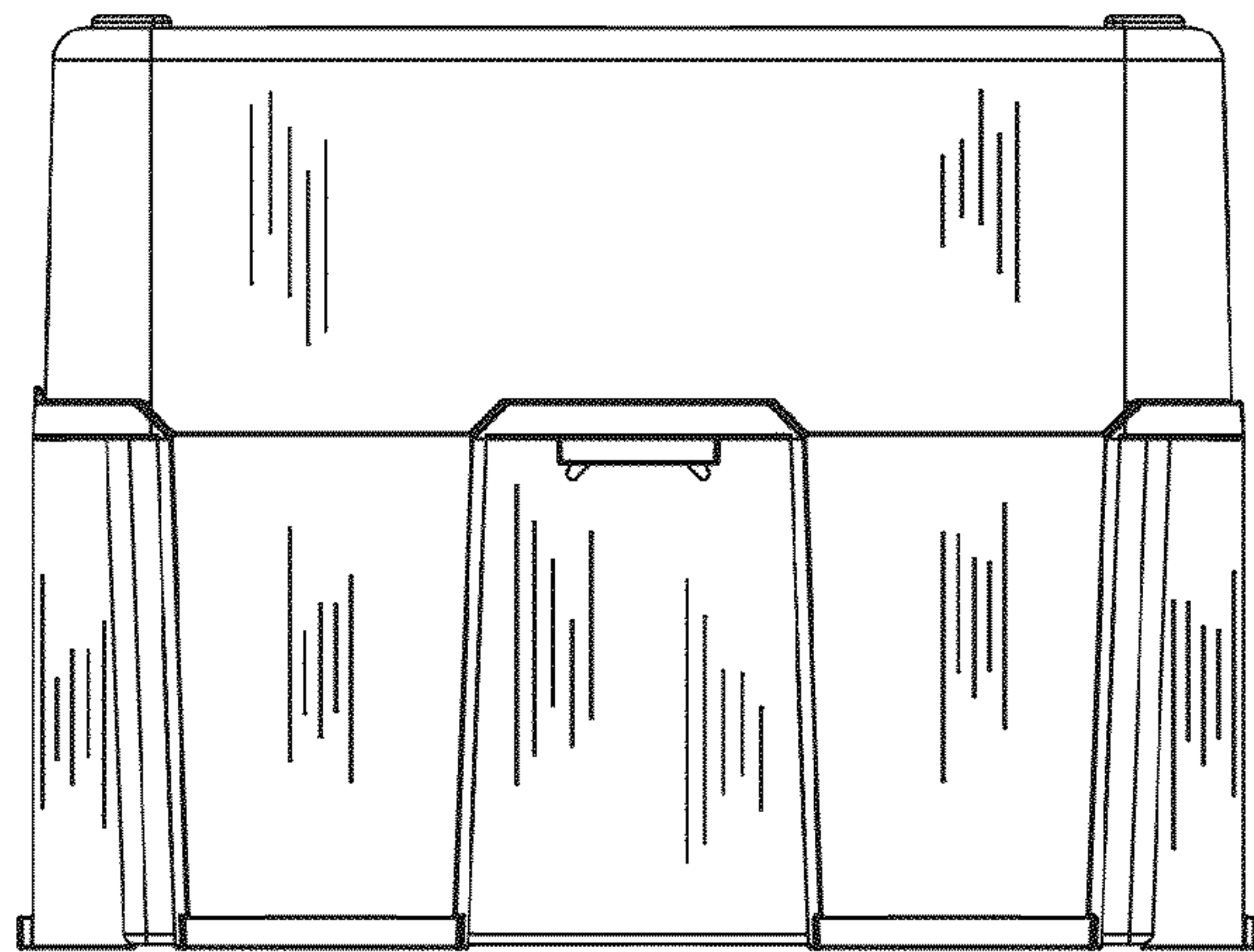


FIG. 6

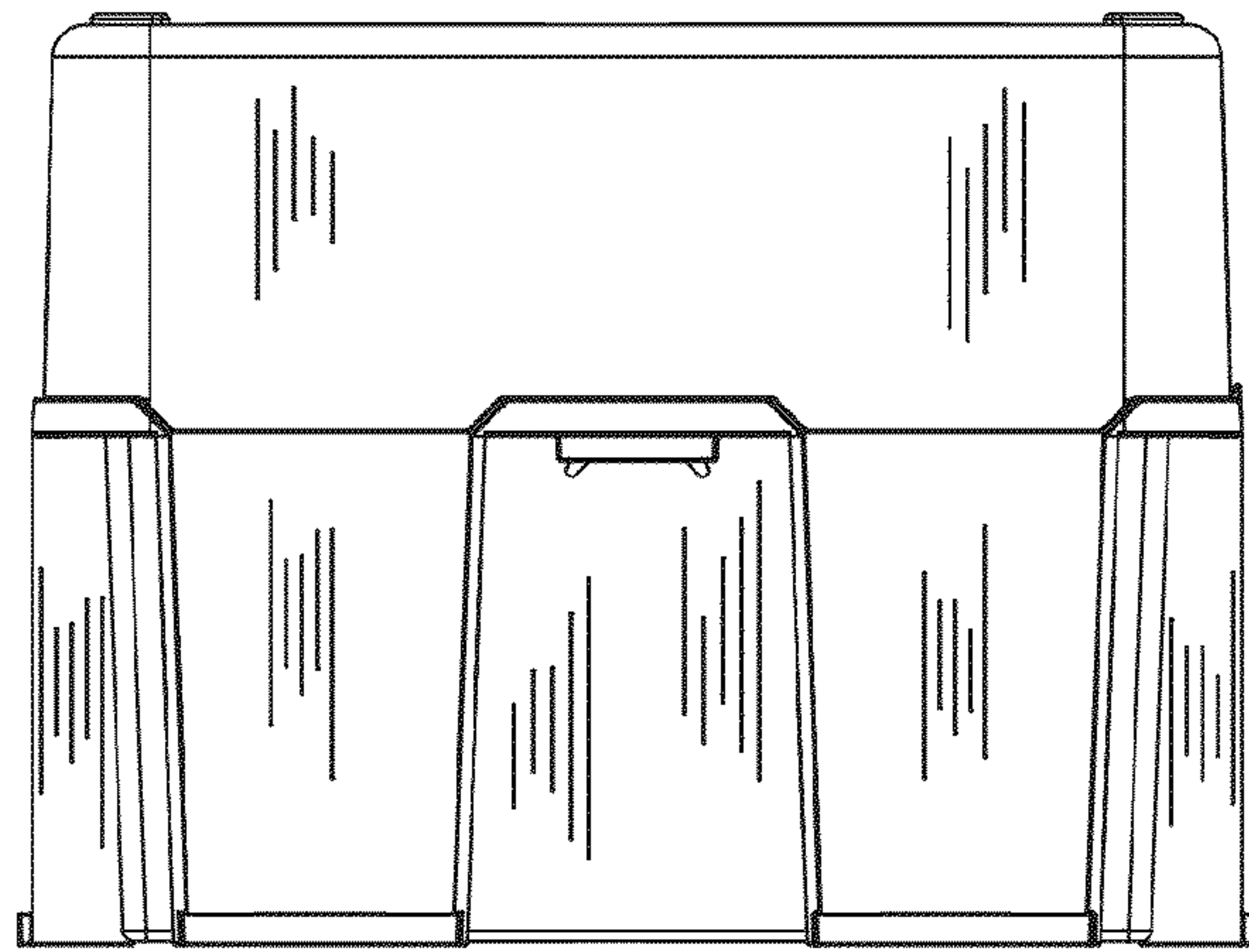


FIG. 7

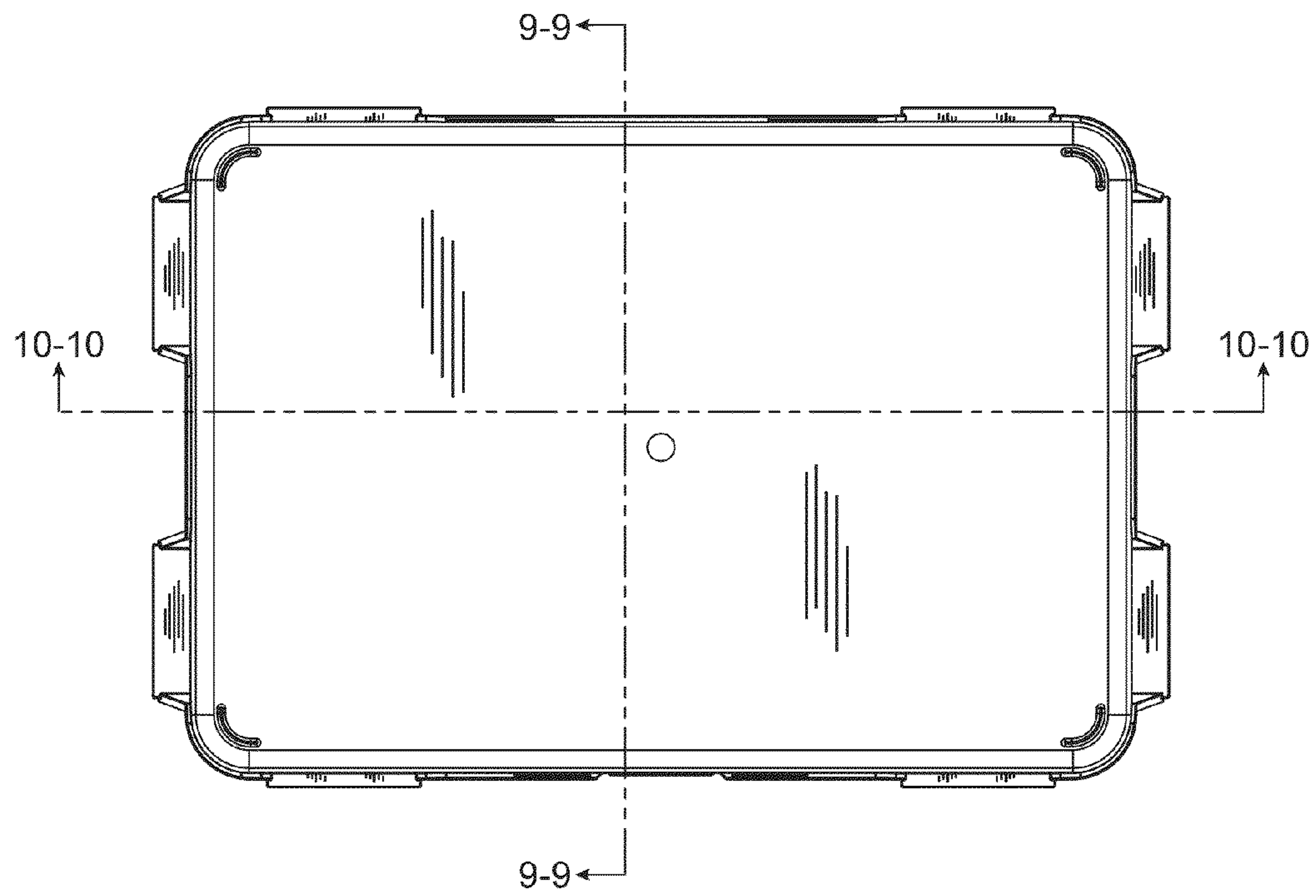


FIG. 8

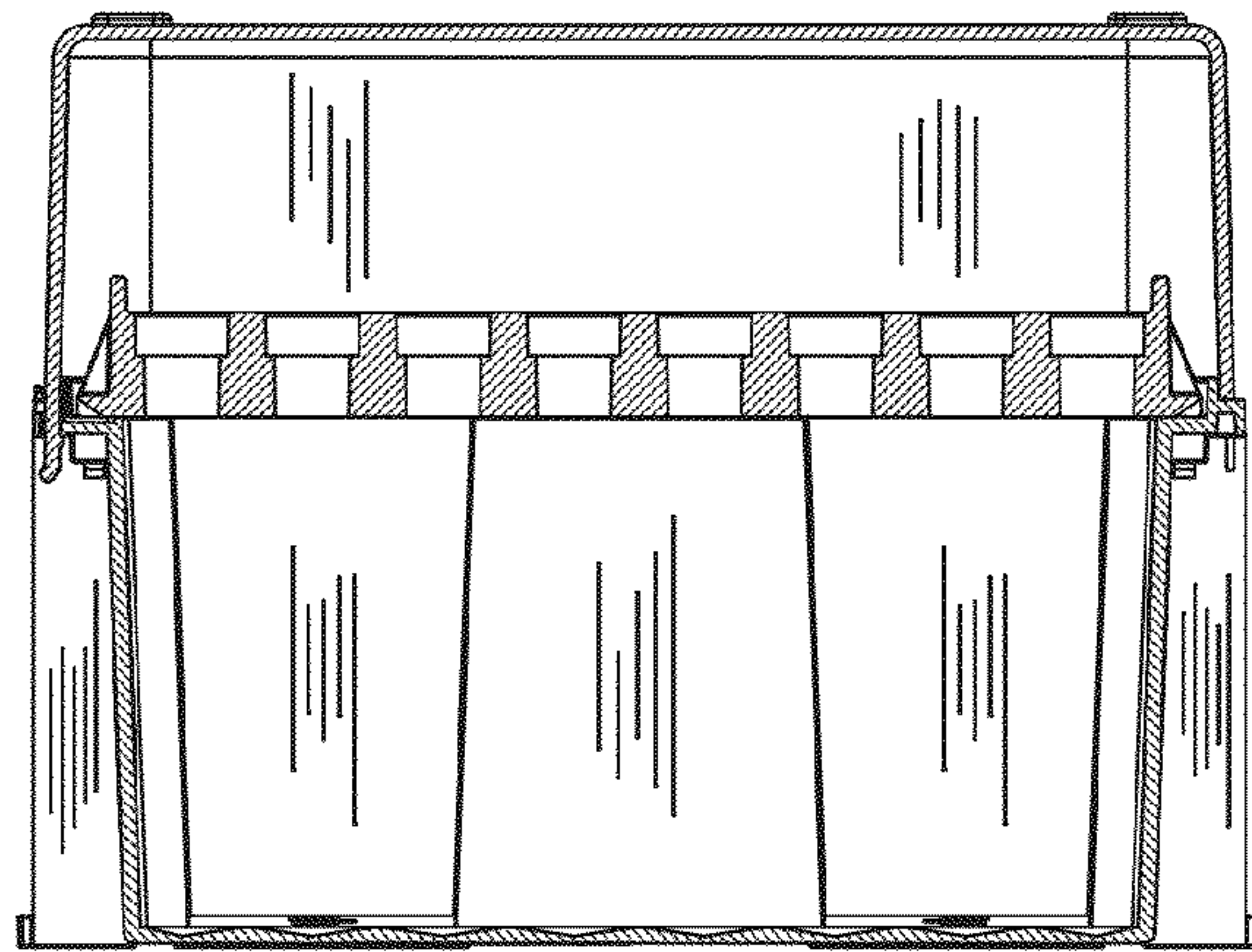


FIG. 9

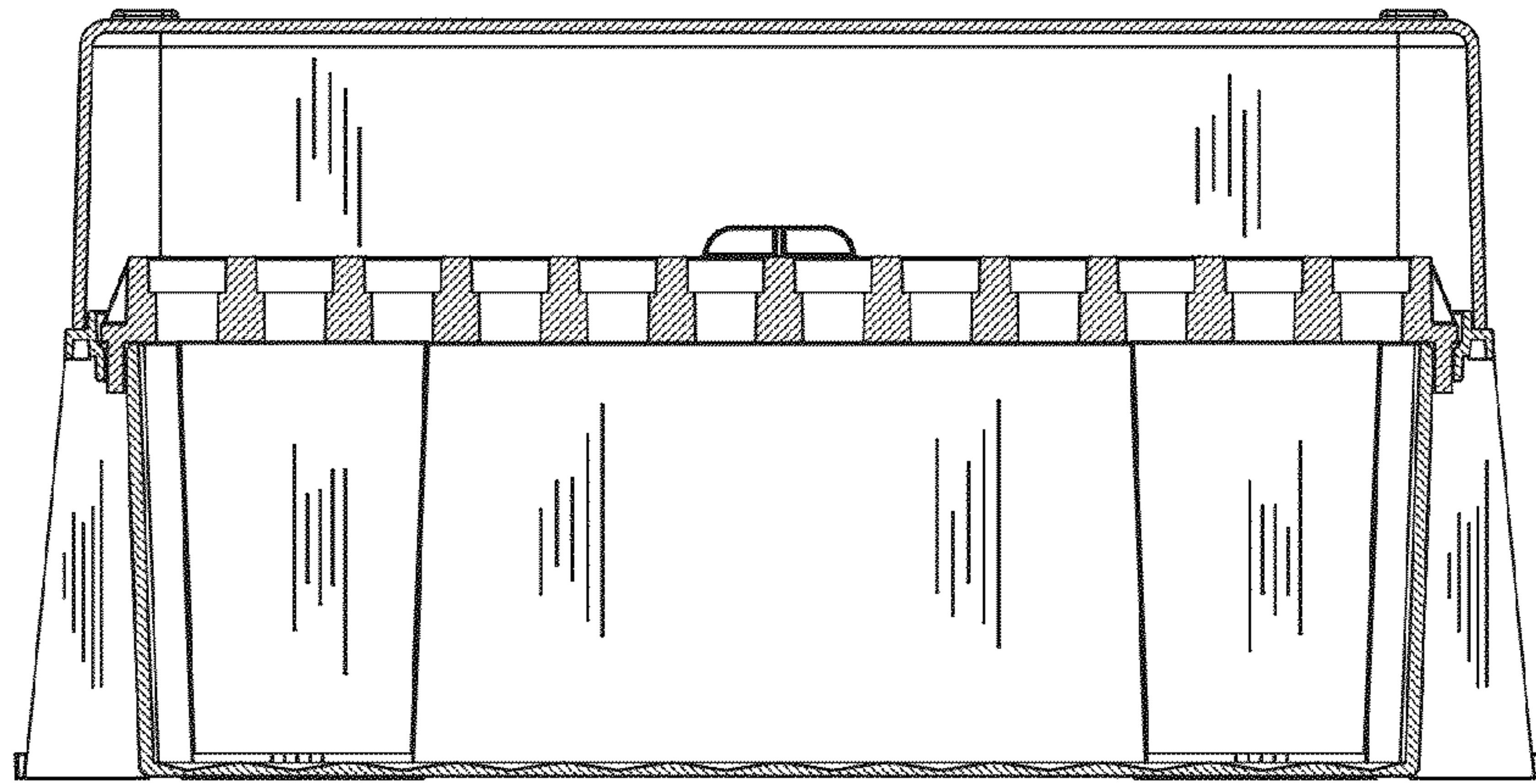


FIG. 10

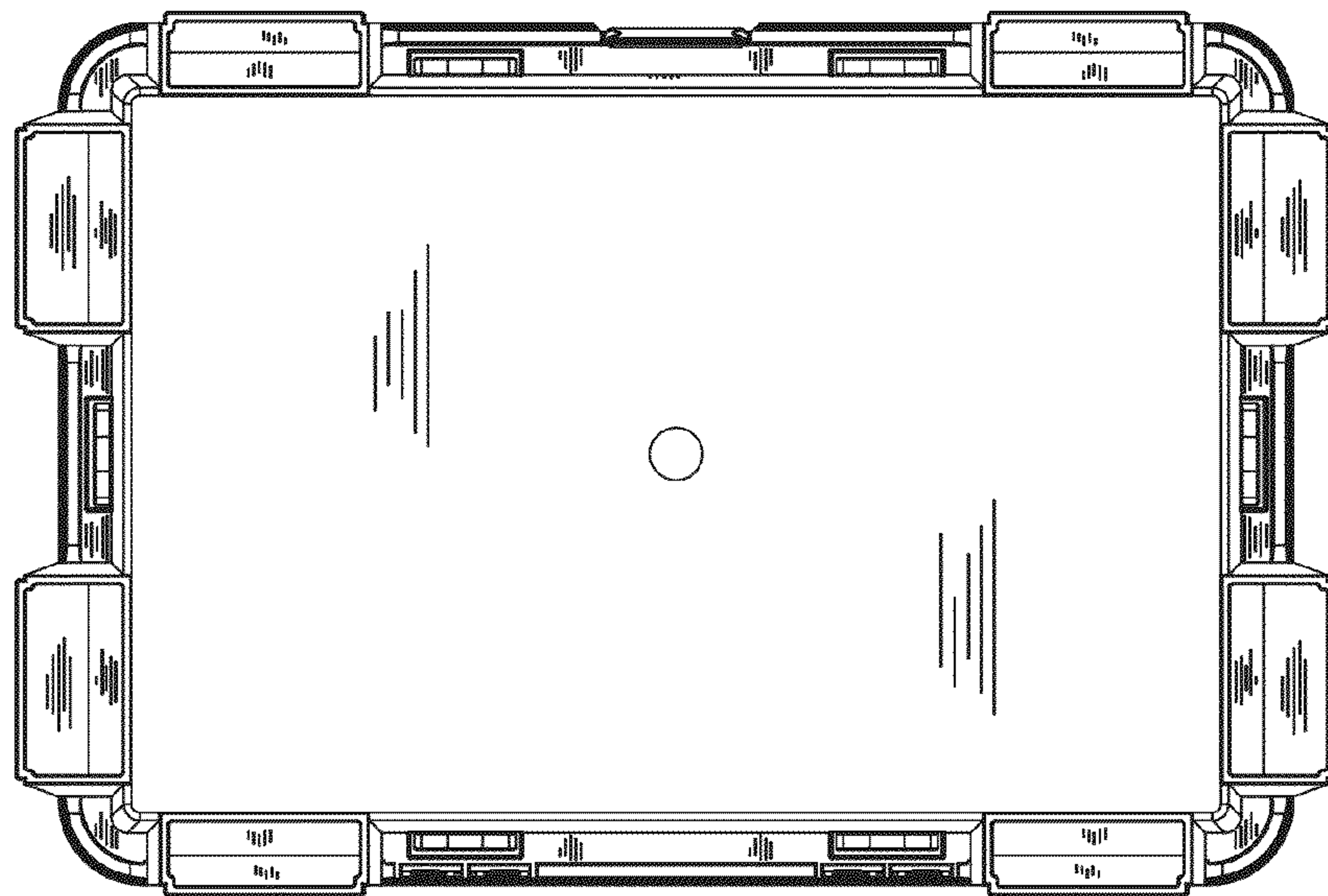


FIG. 11

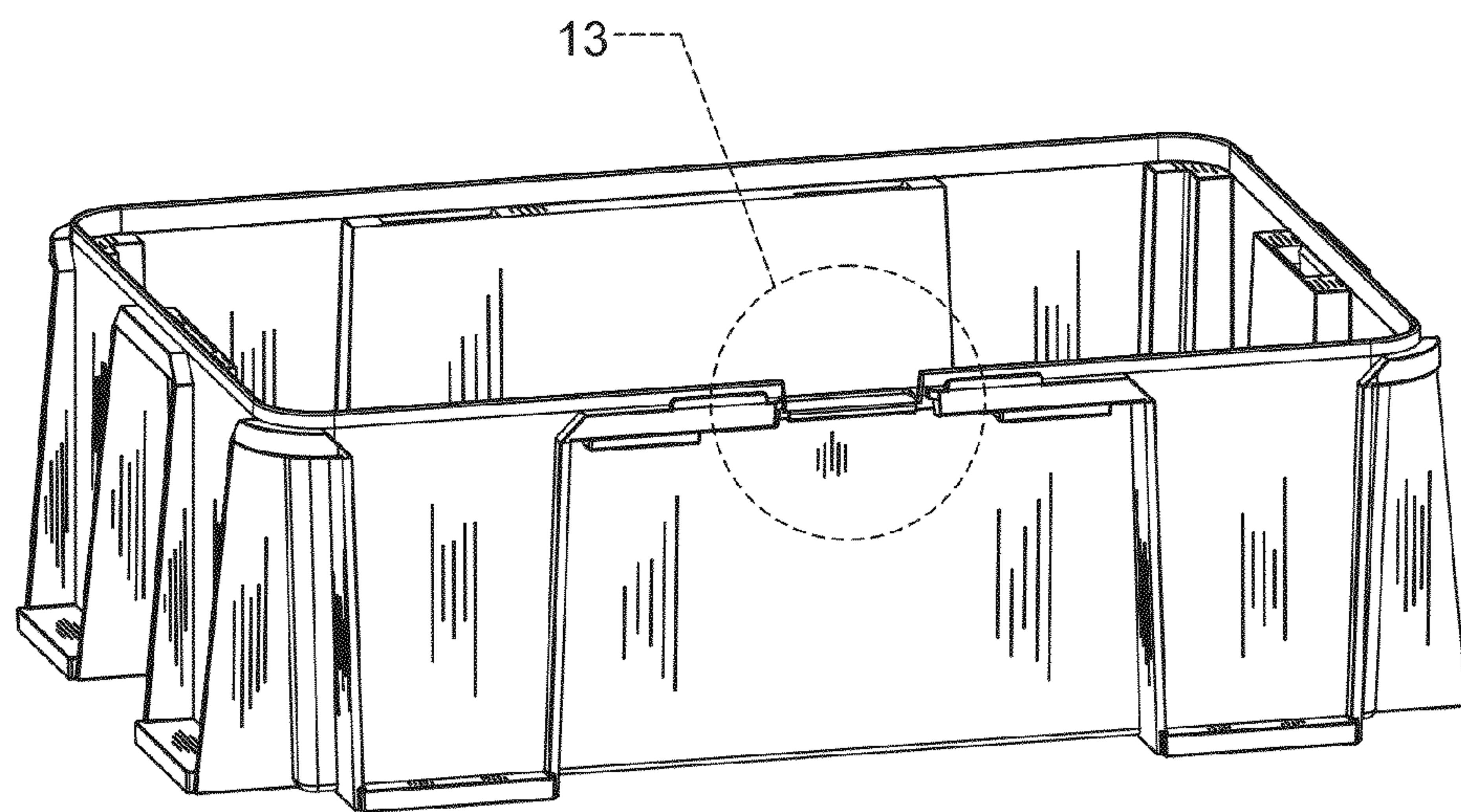


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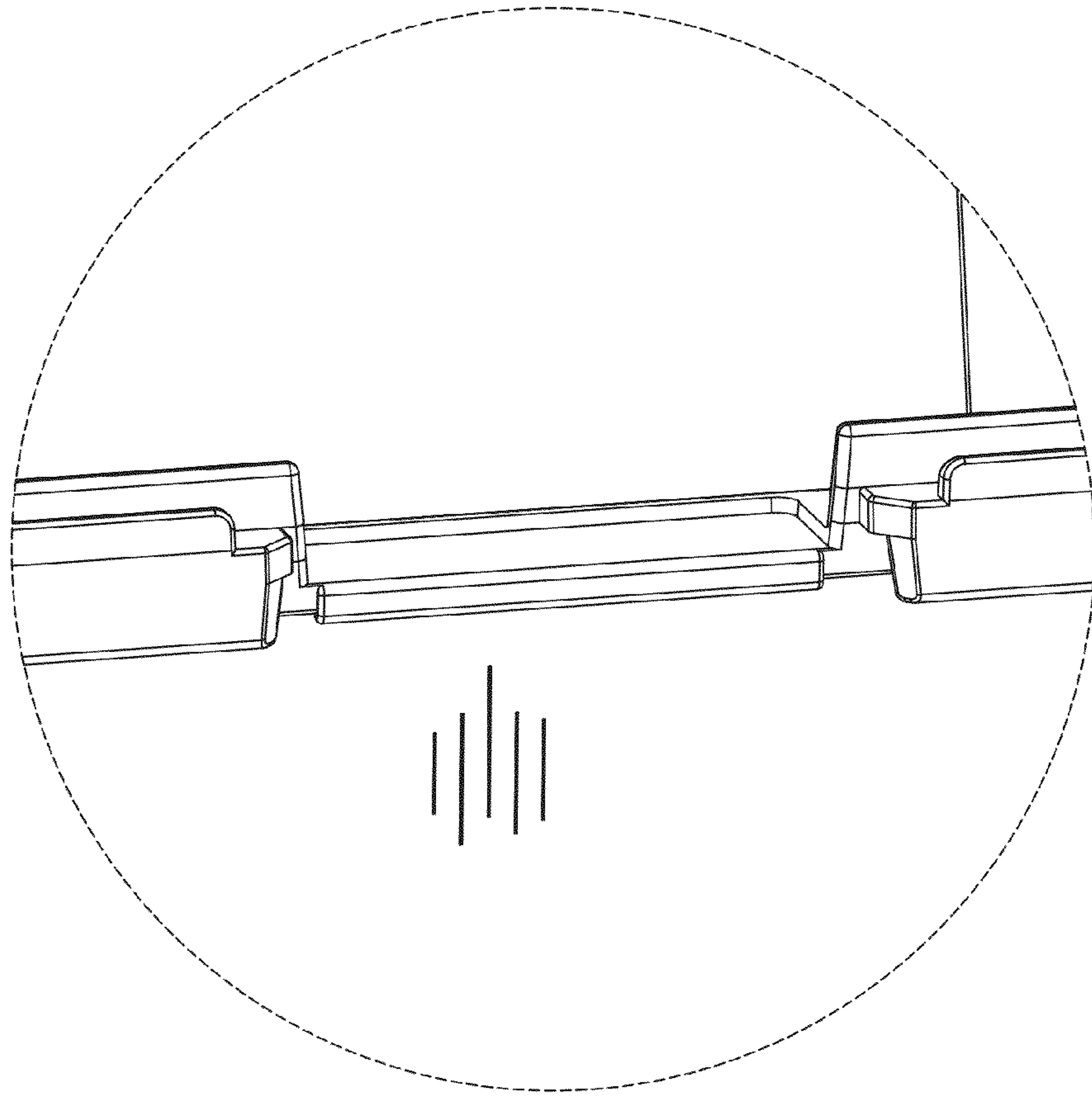


FIG. 13

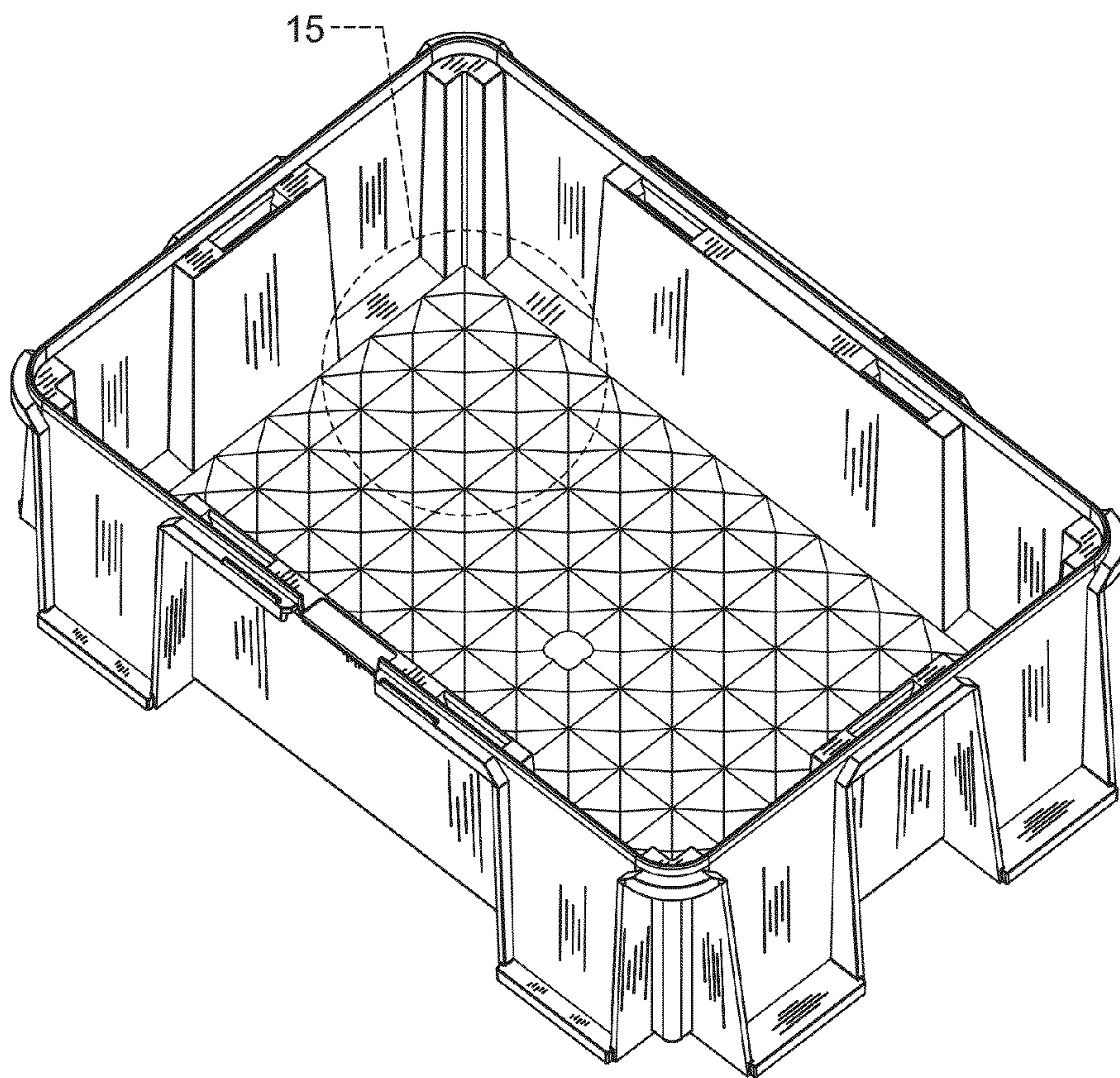


FIG. 14

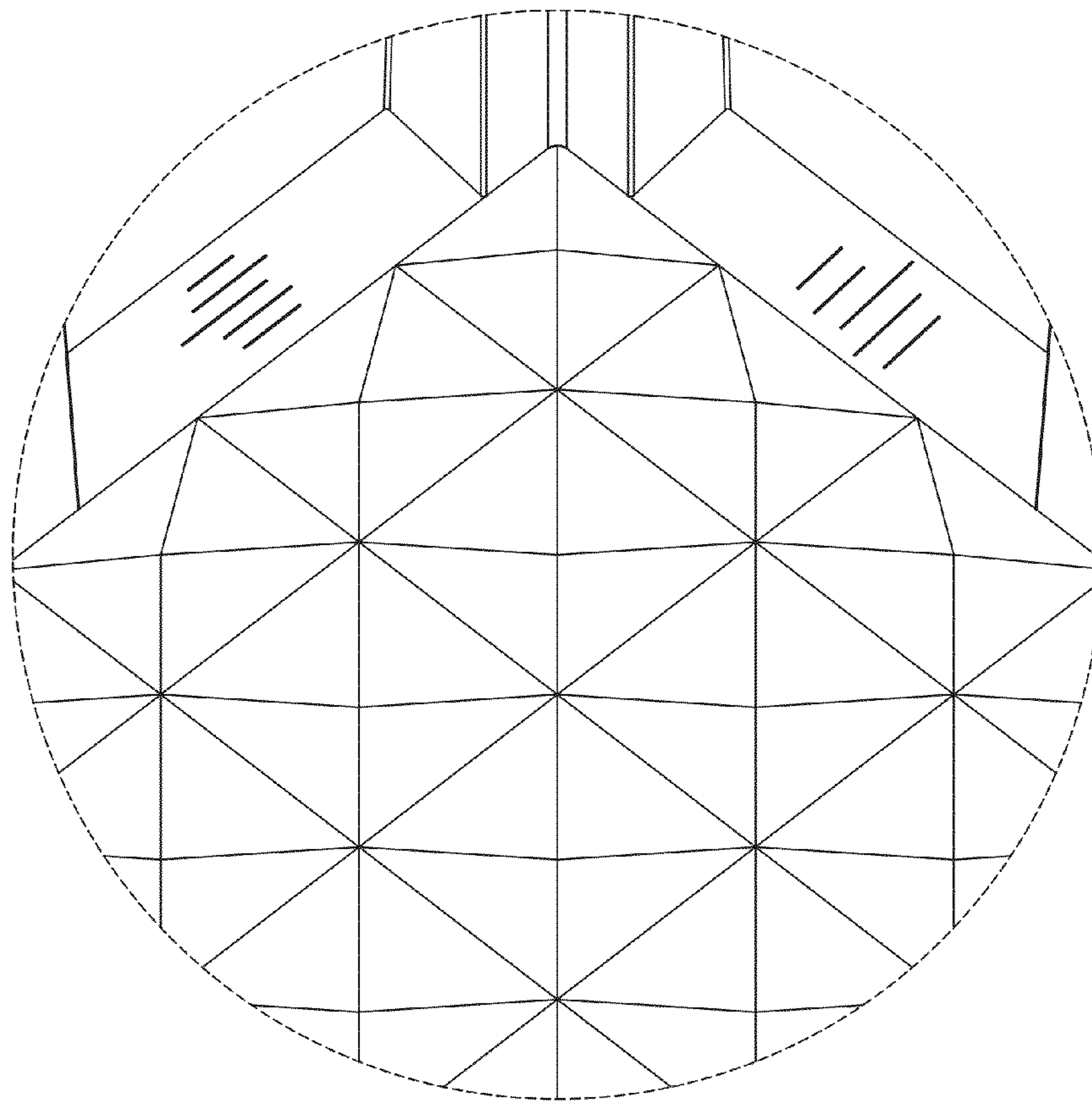


FIG. 15

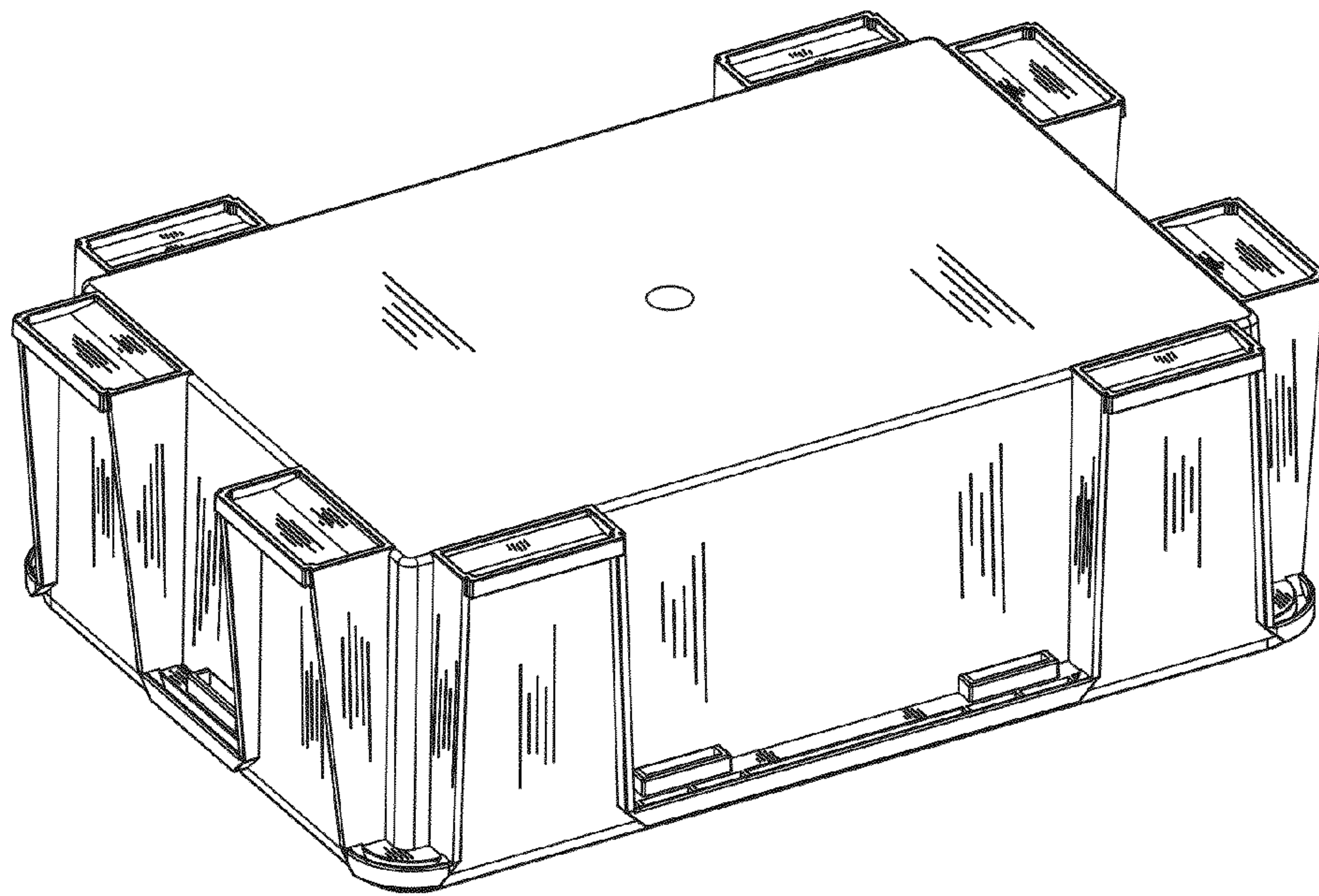


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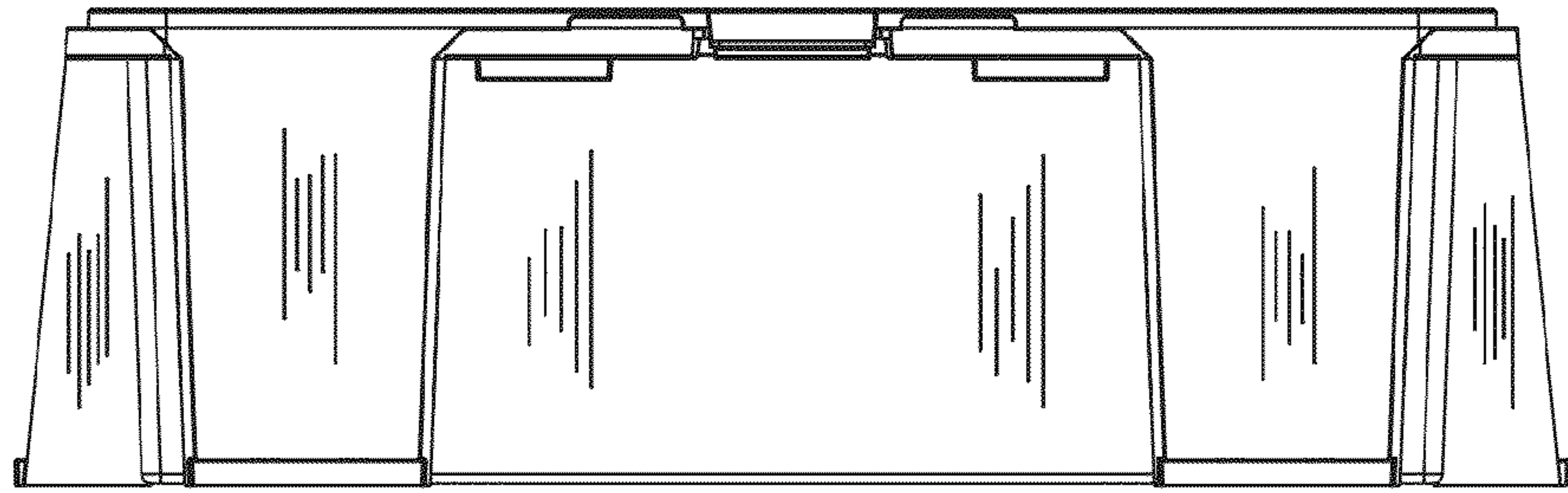


FIG. 17

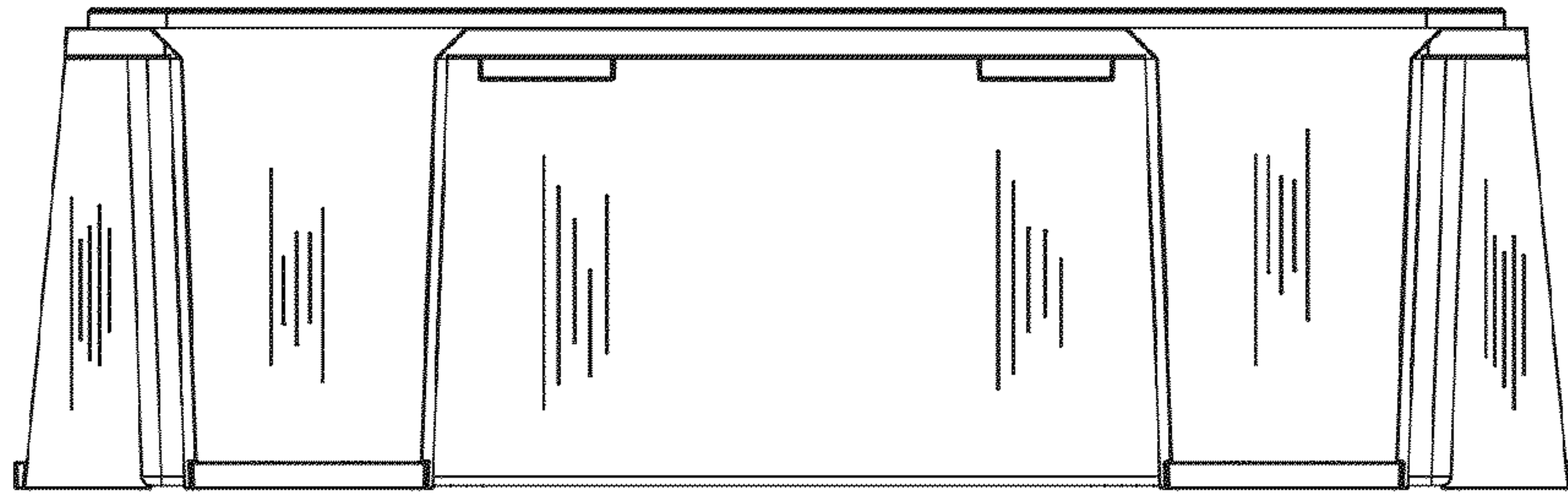


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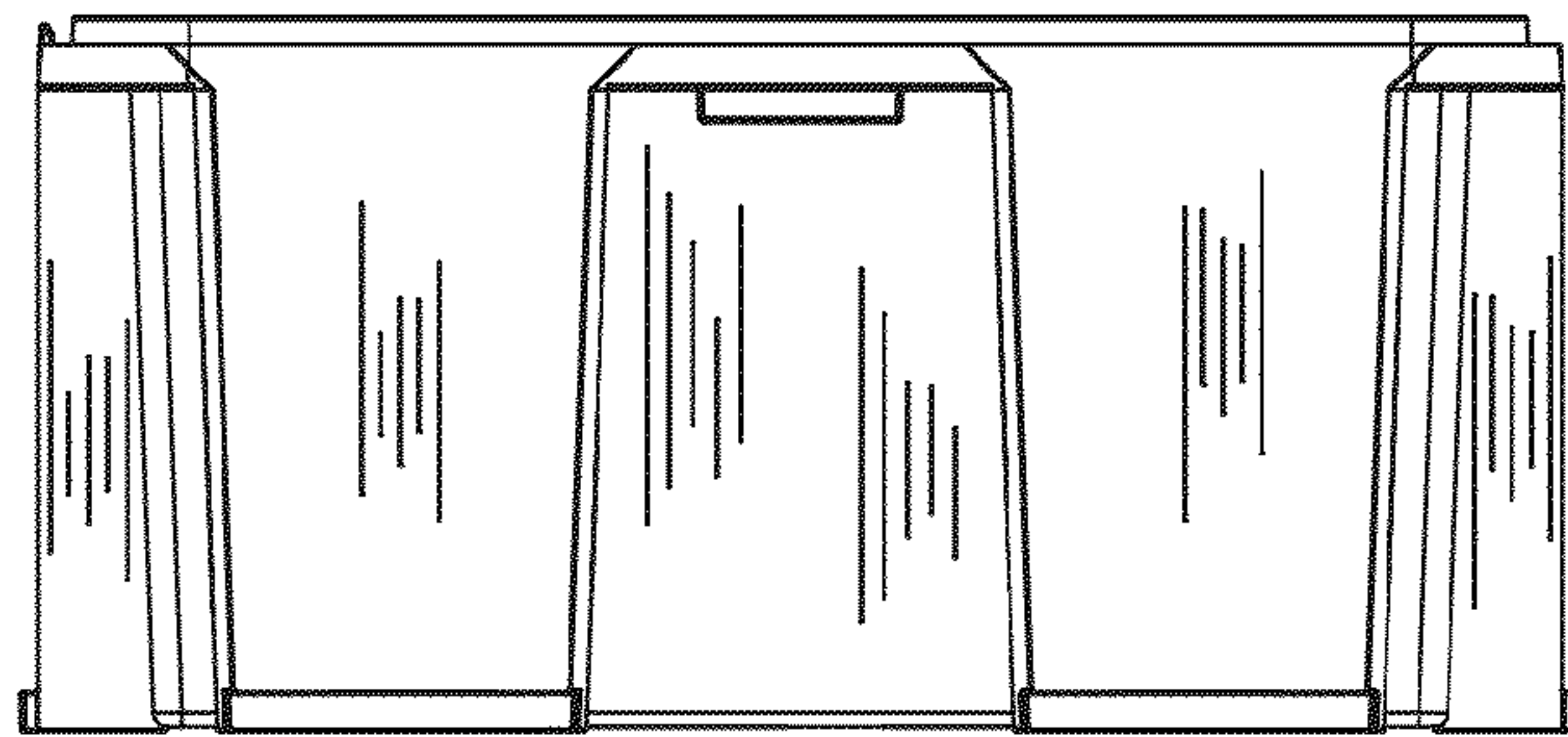


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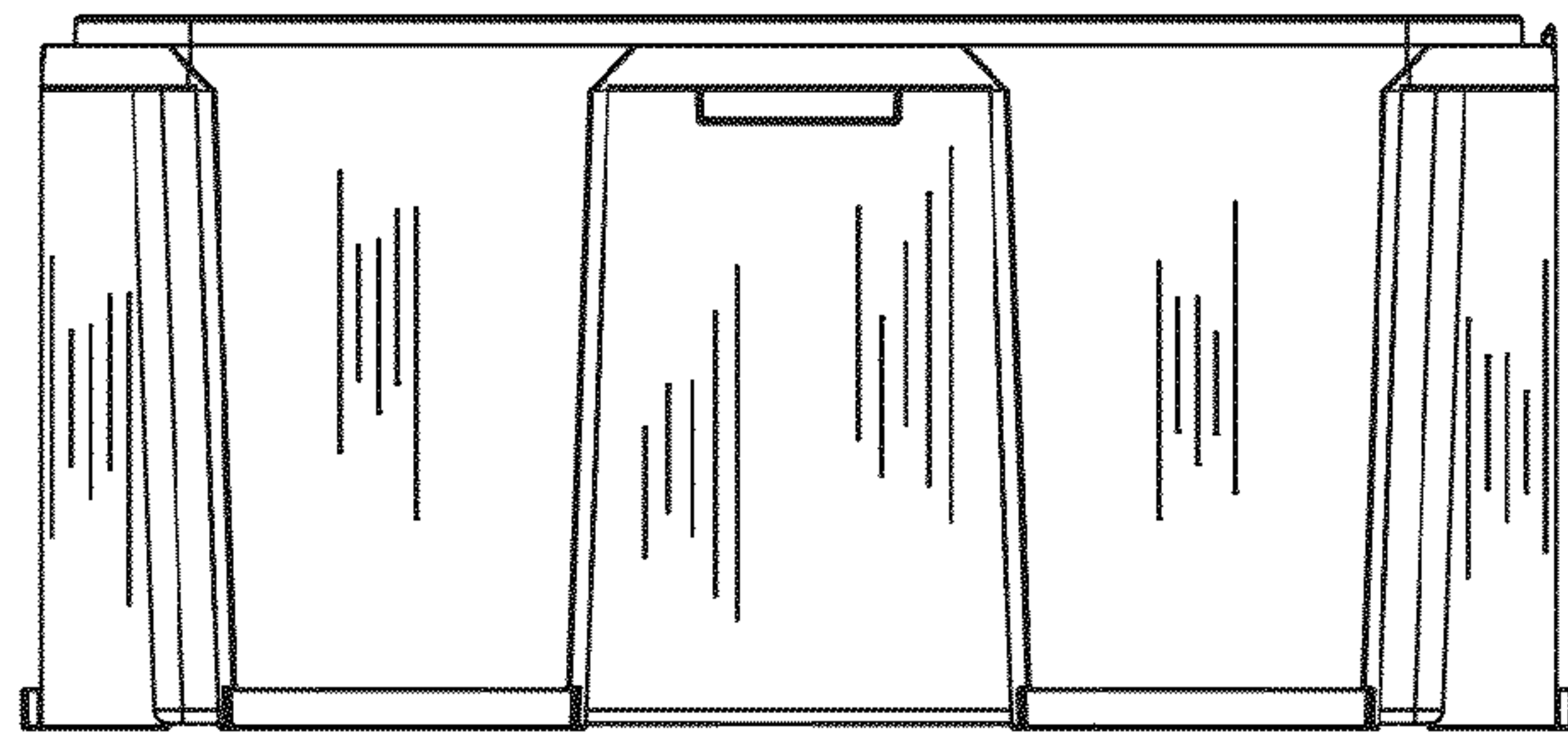


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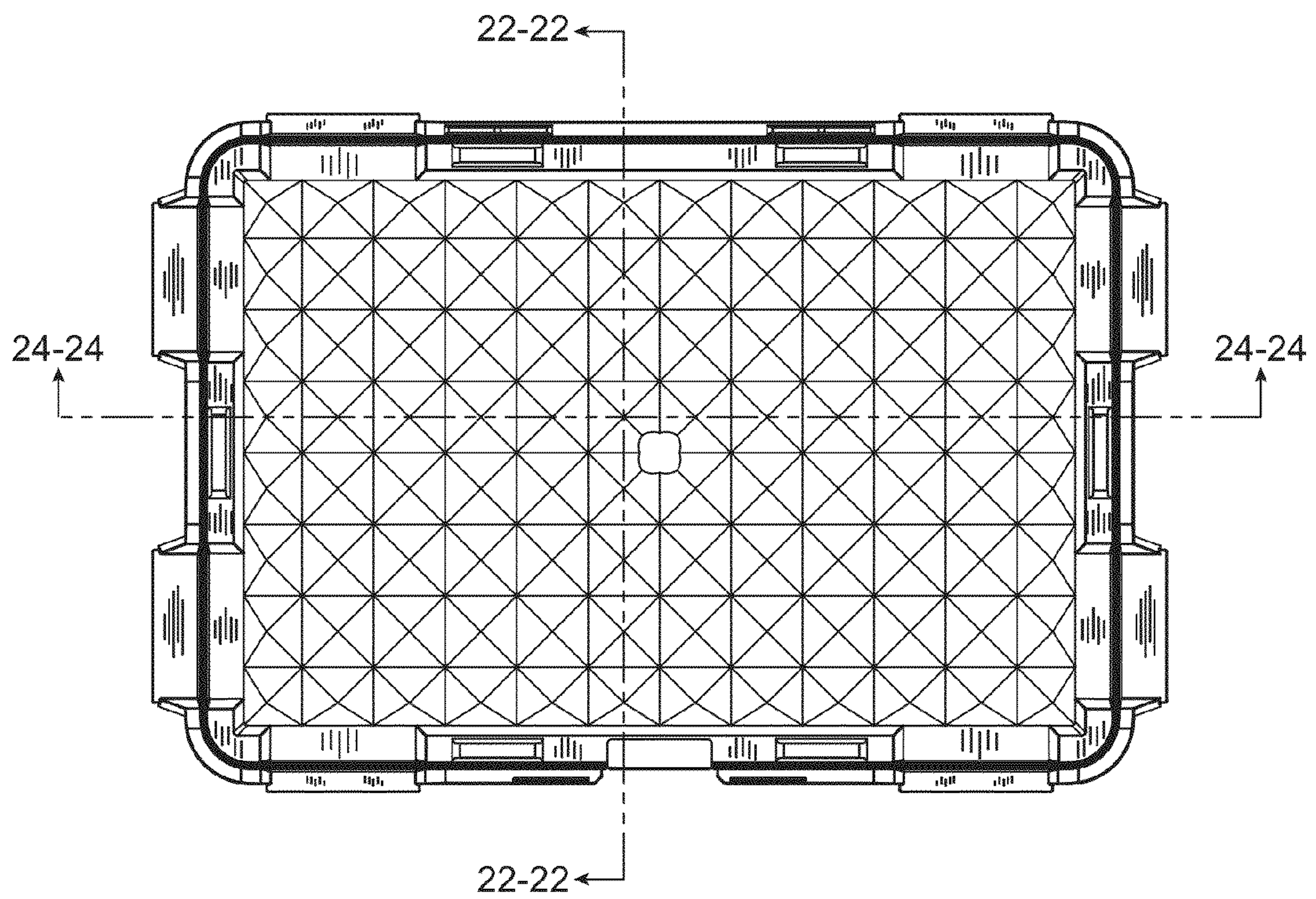


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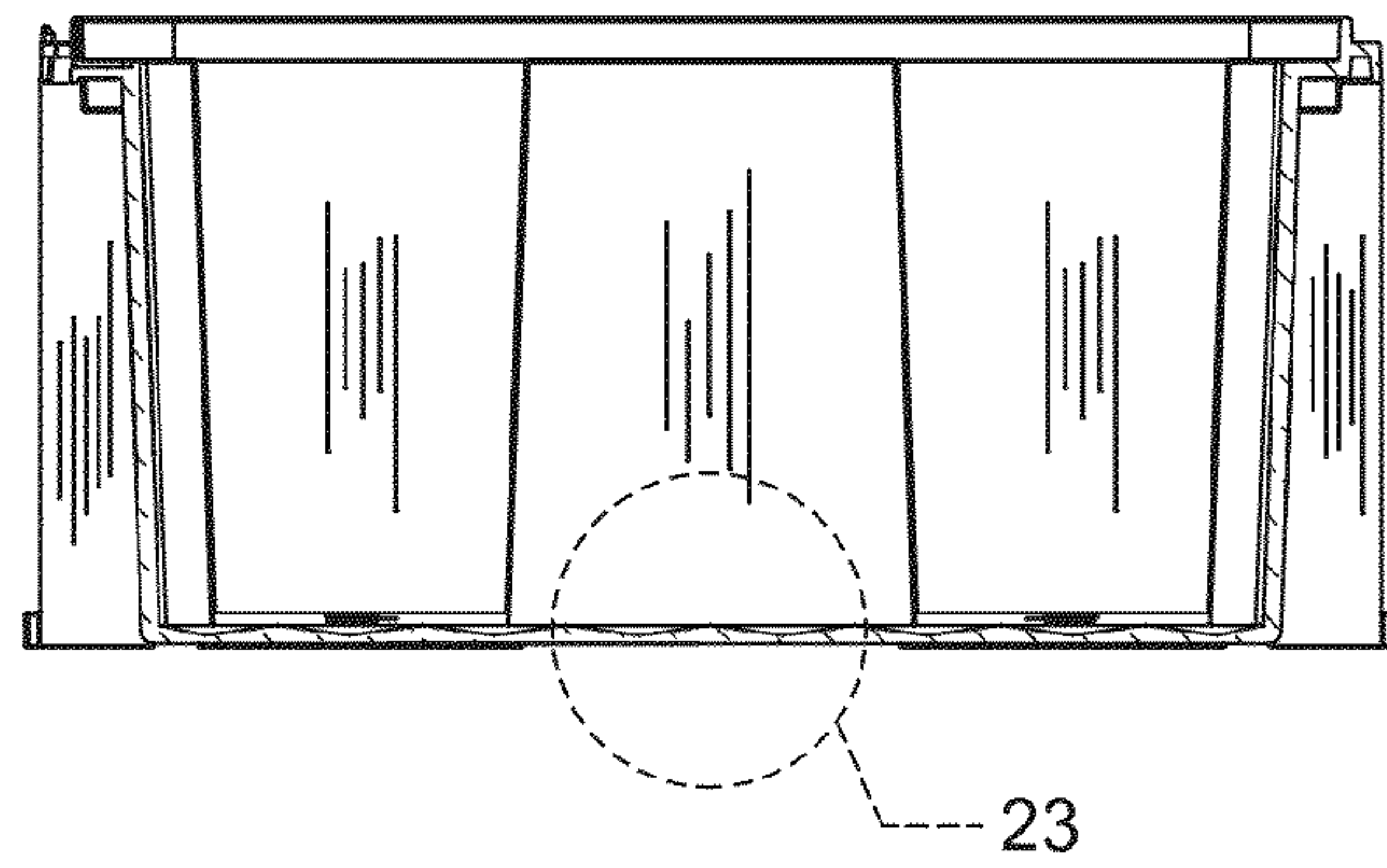


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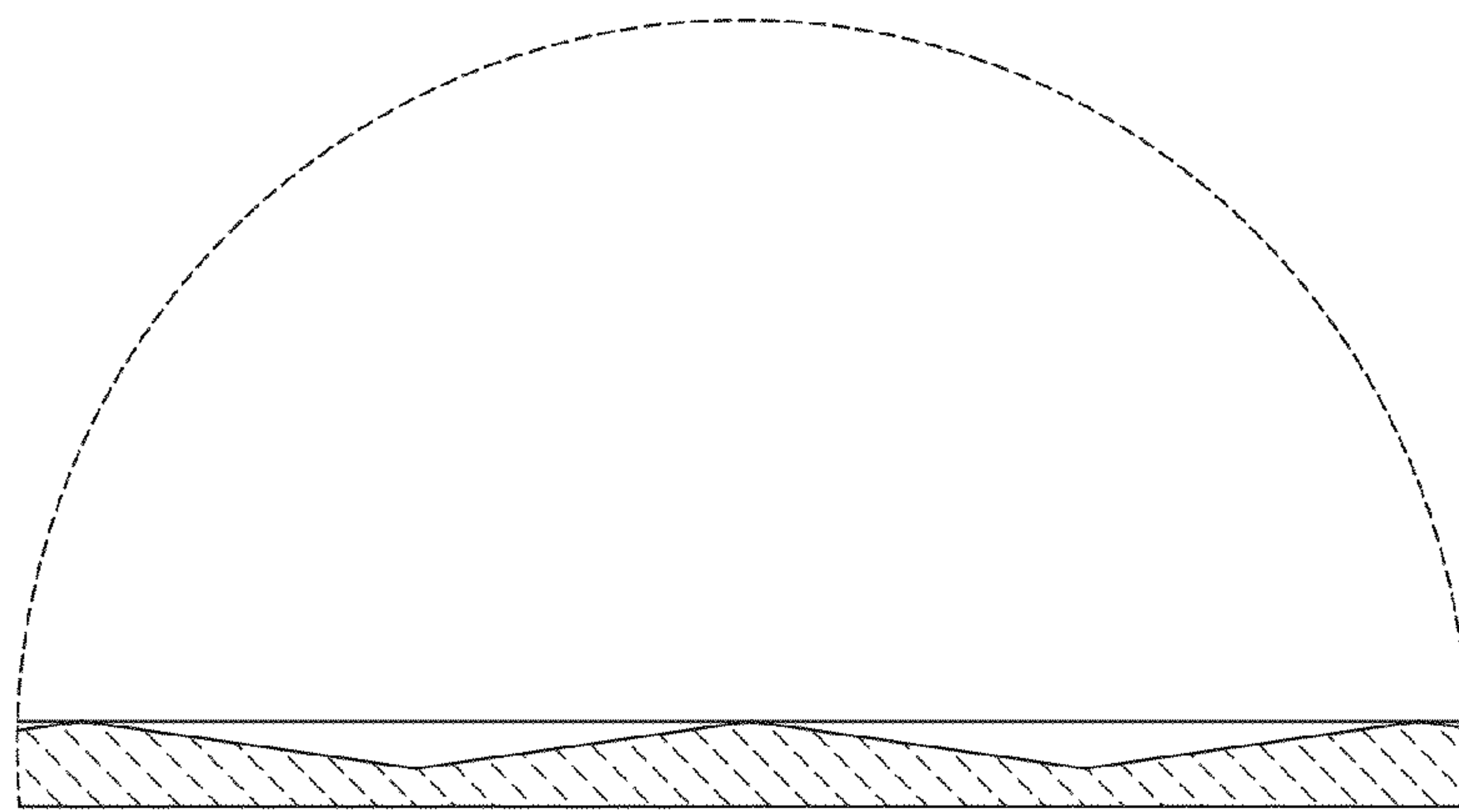


FIG. 23

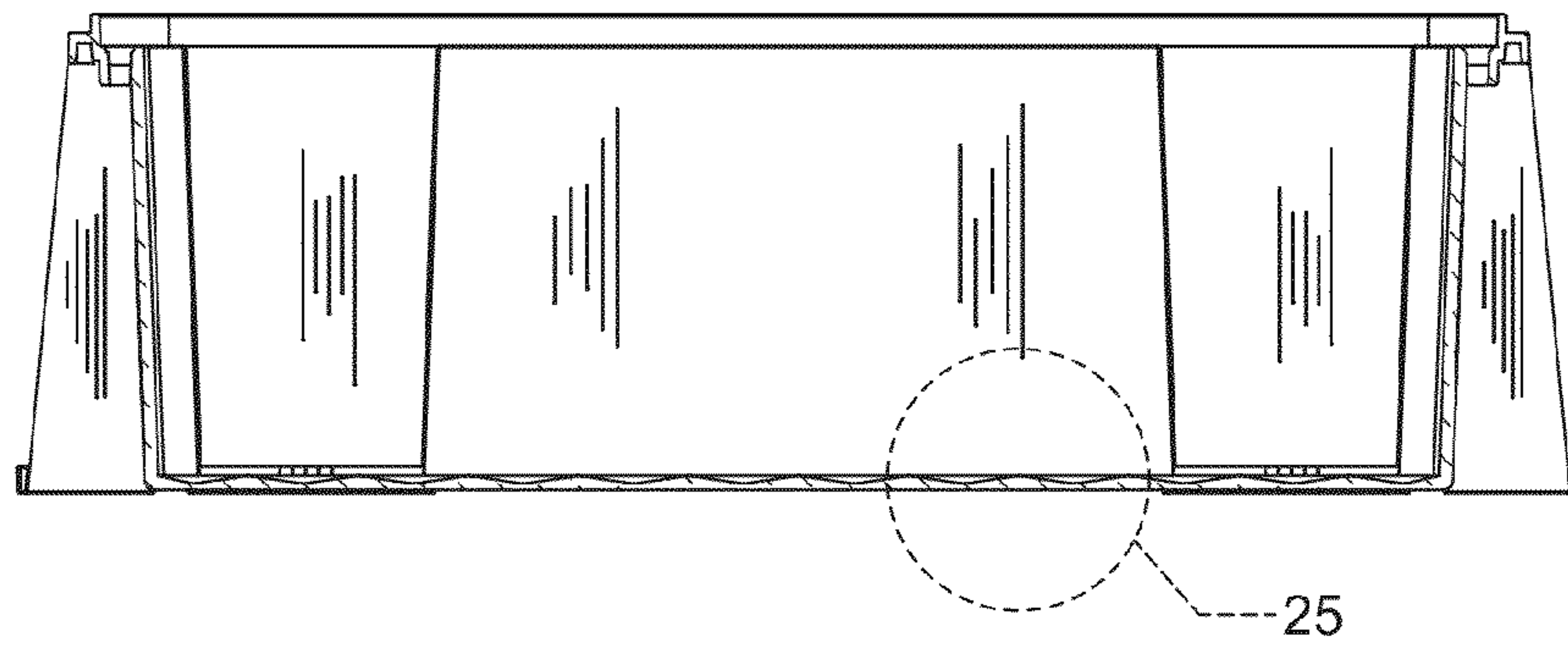


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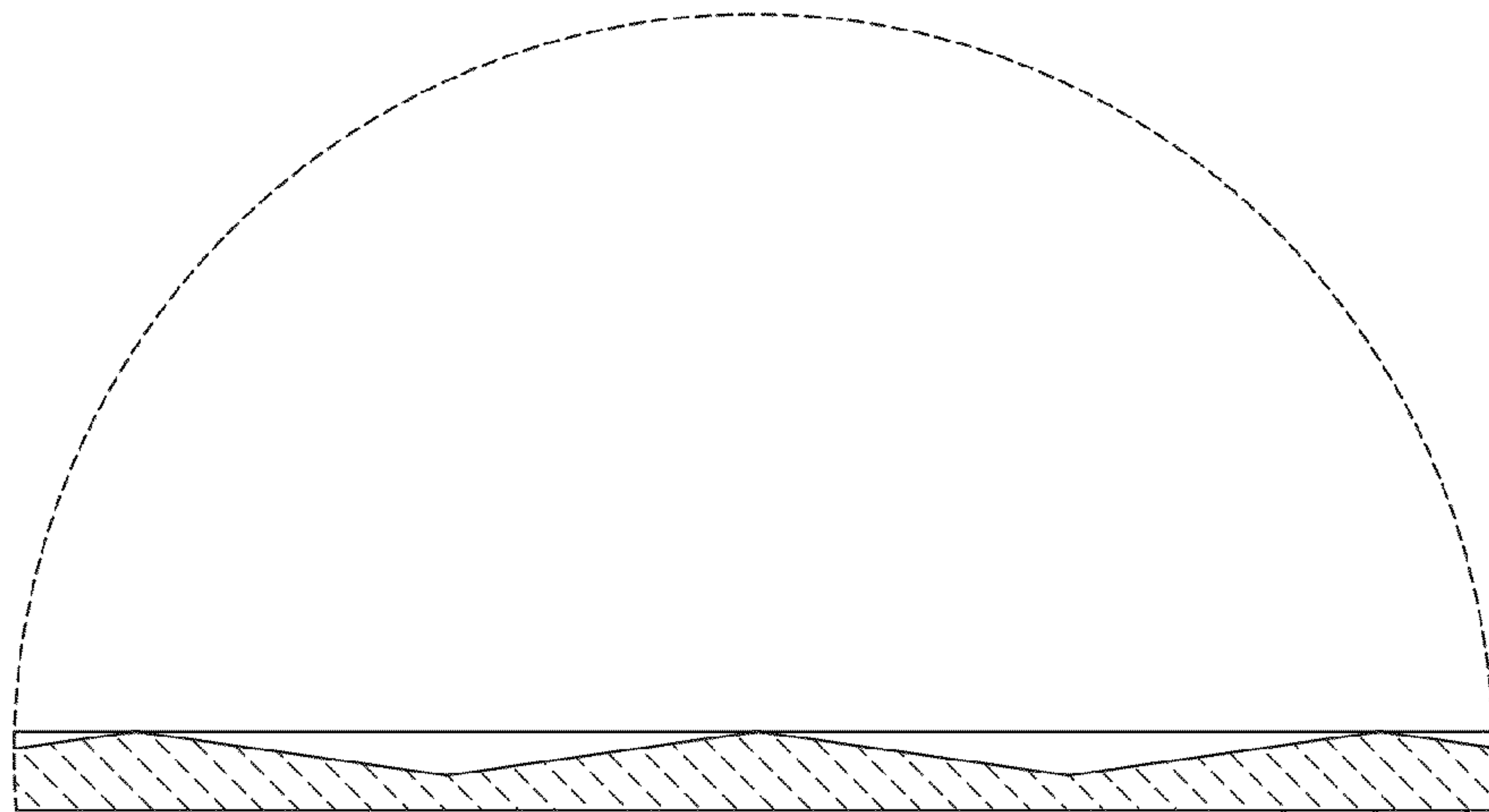


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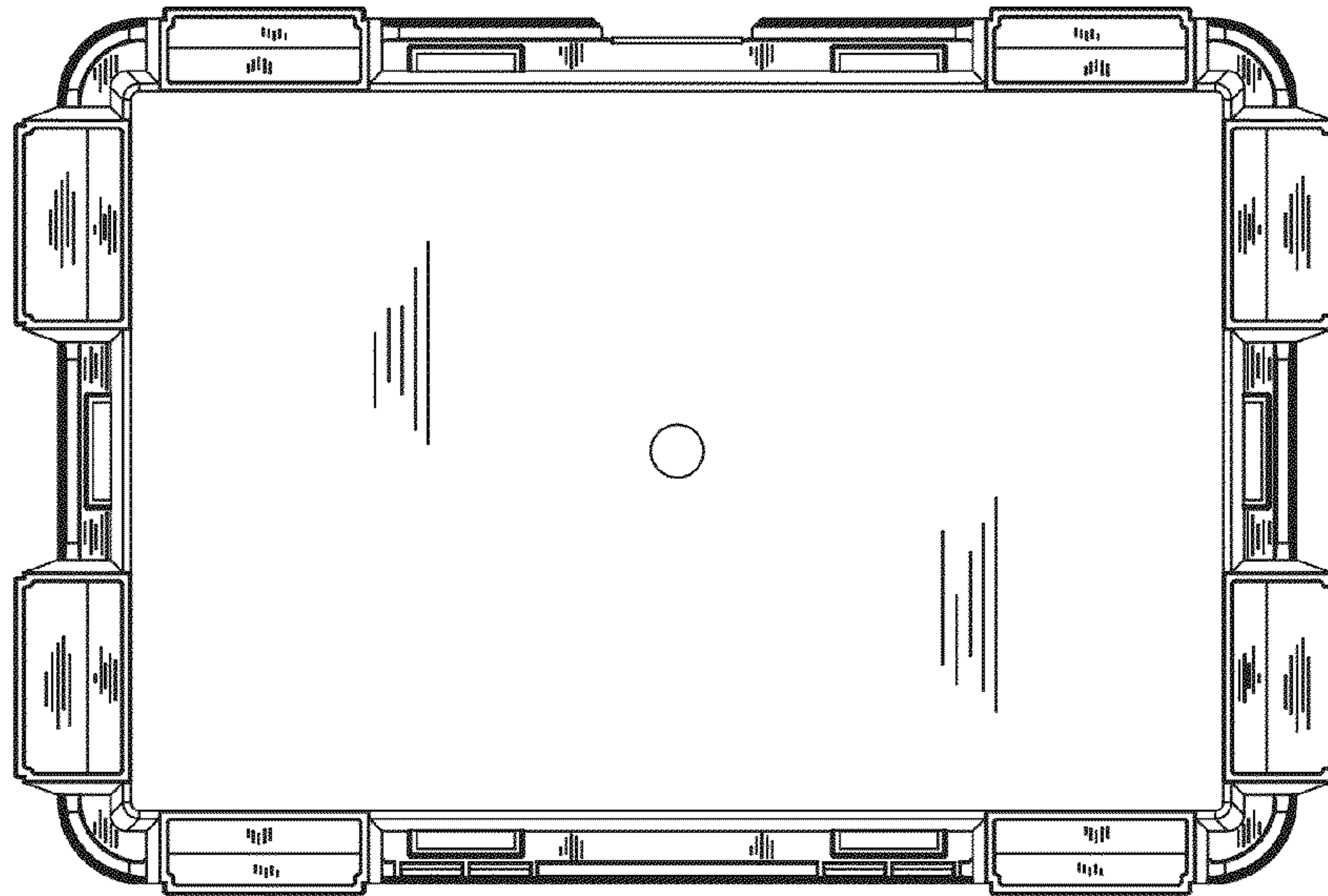


FIG. 26

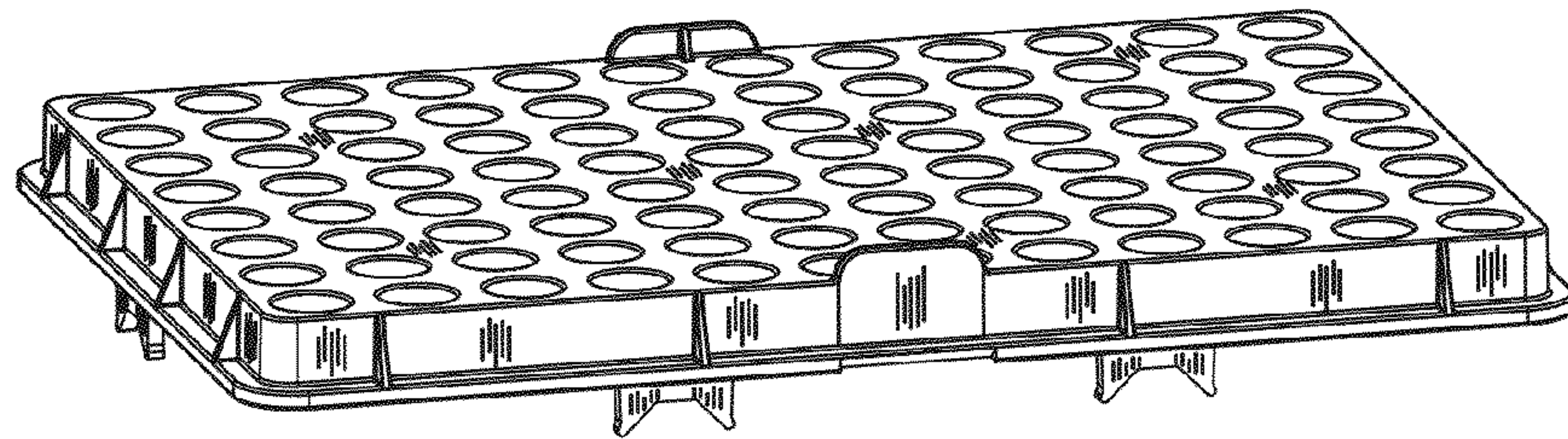


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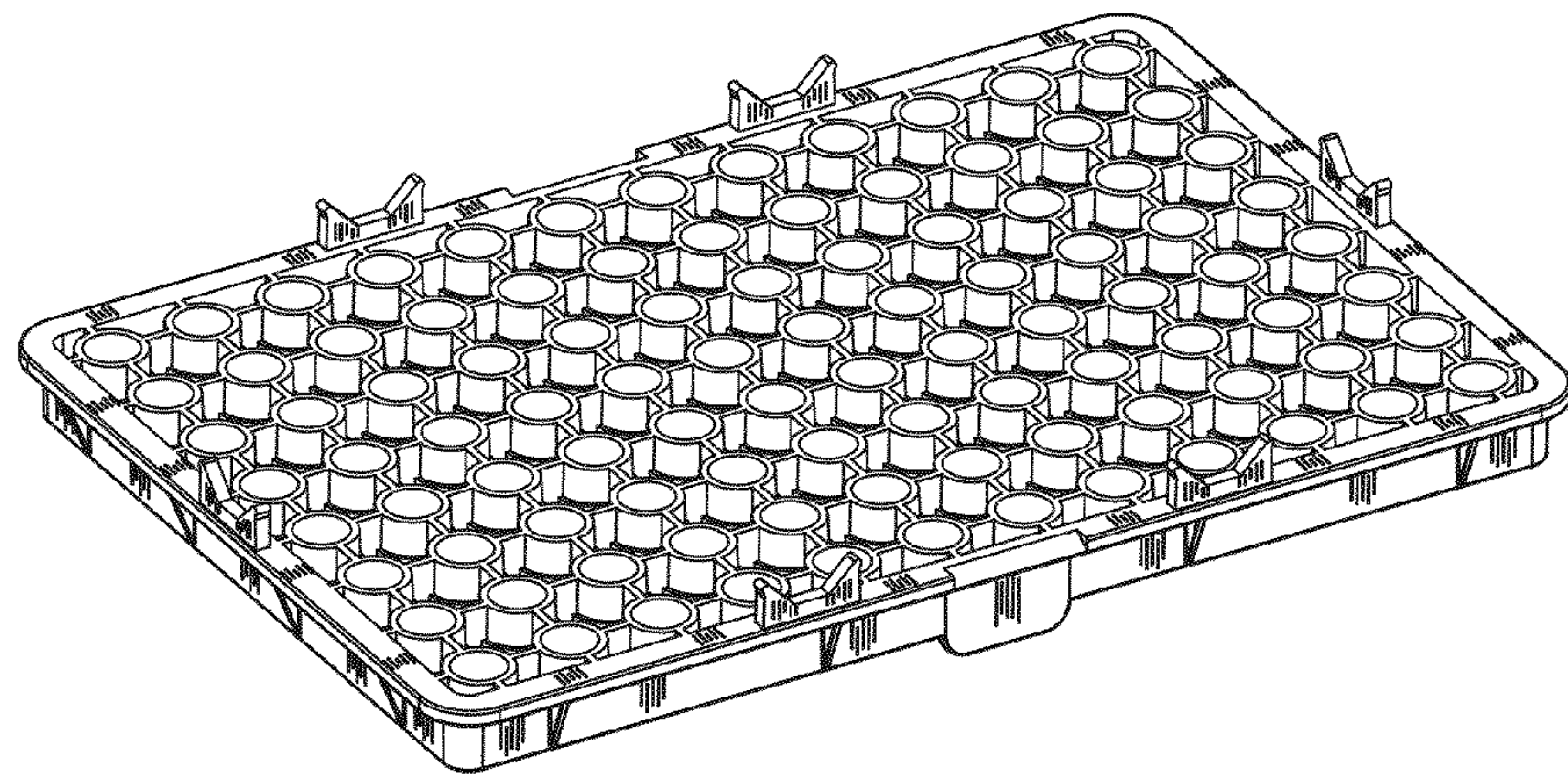


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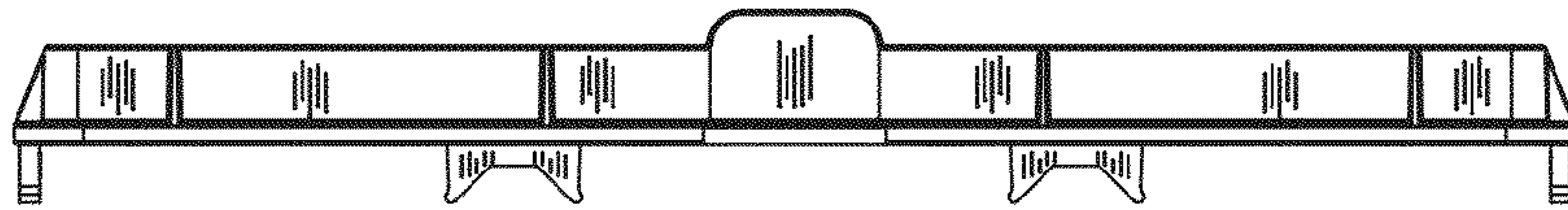


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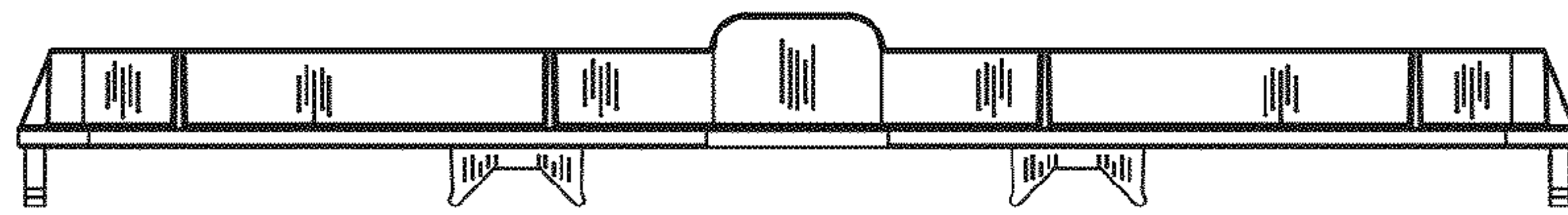


FIG. 30

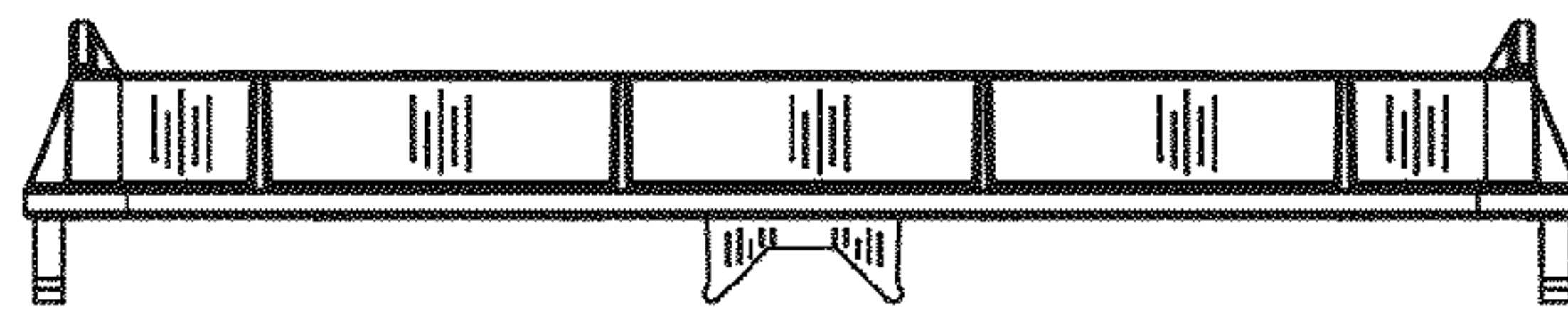


FIG. 31

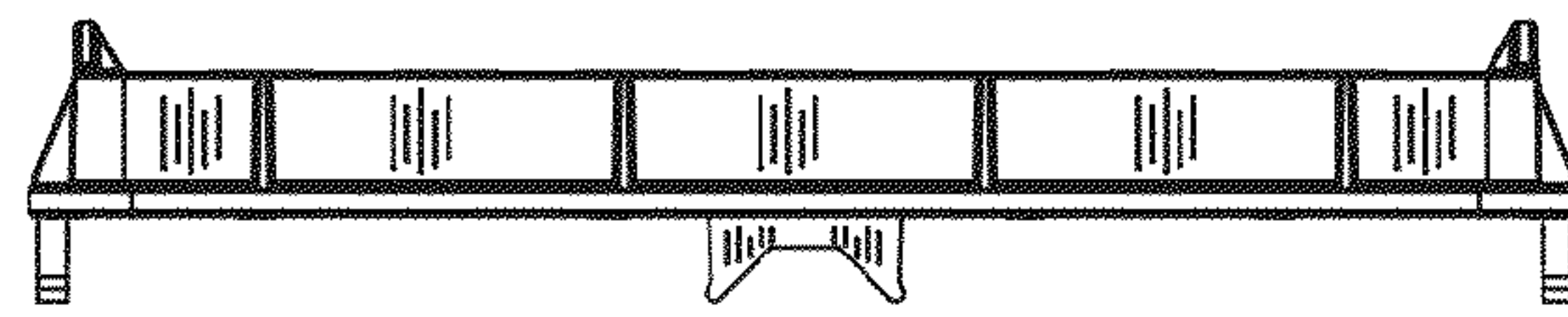


FIG. 32

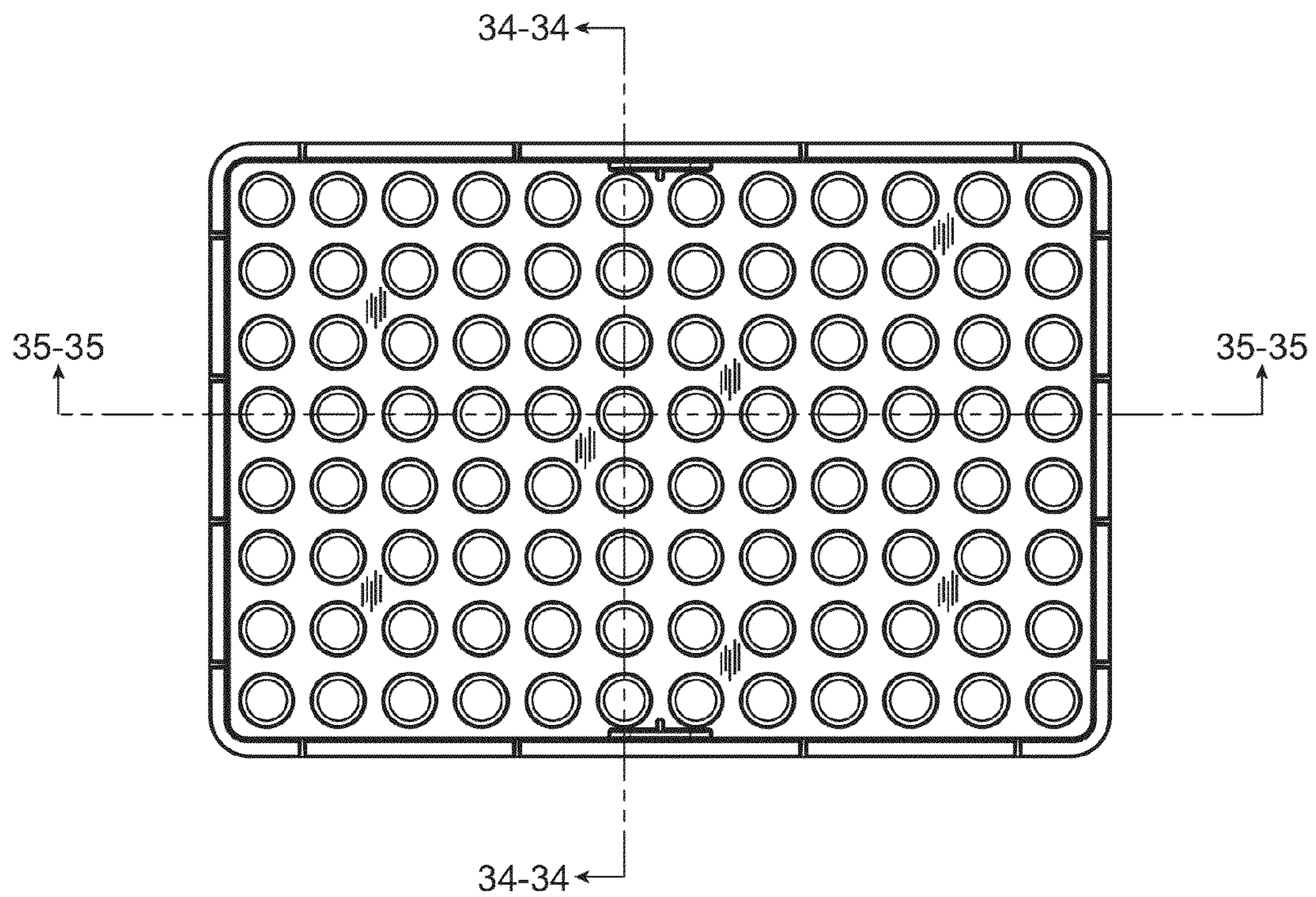


FIG. 33

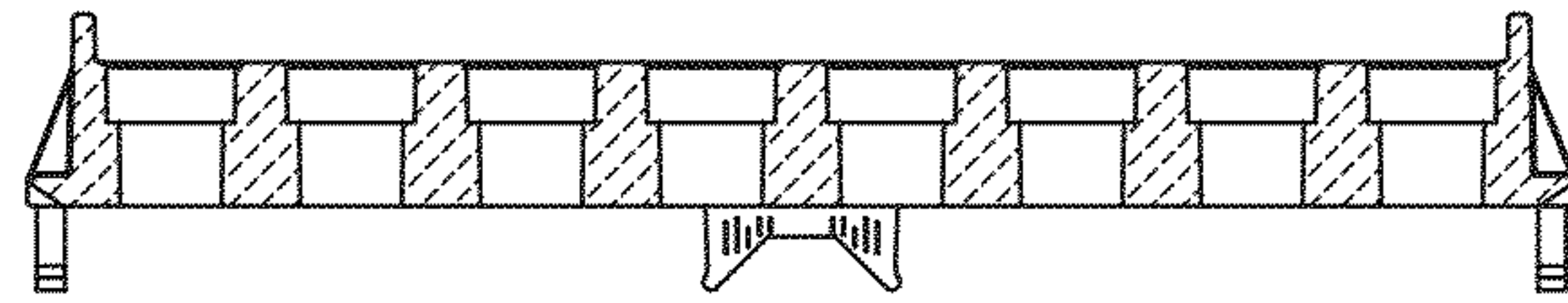


FIG. 34

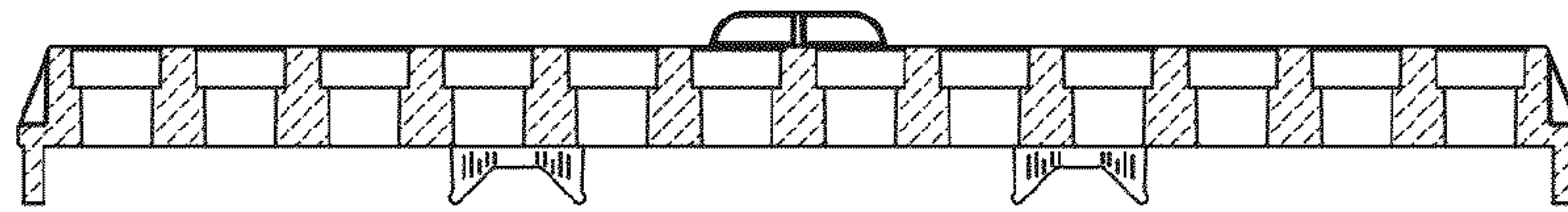


FIG. 35

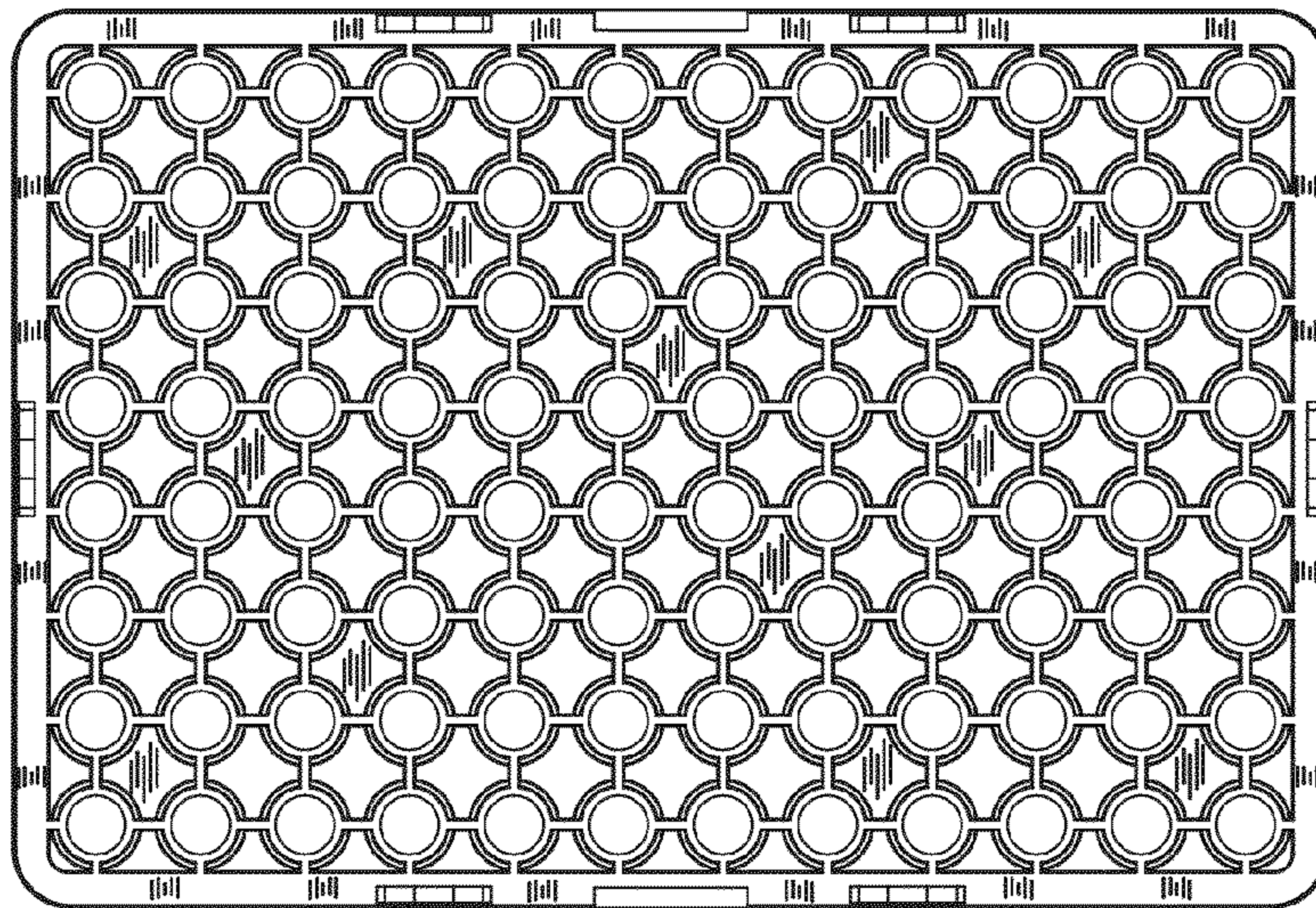


FIG. 36

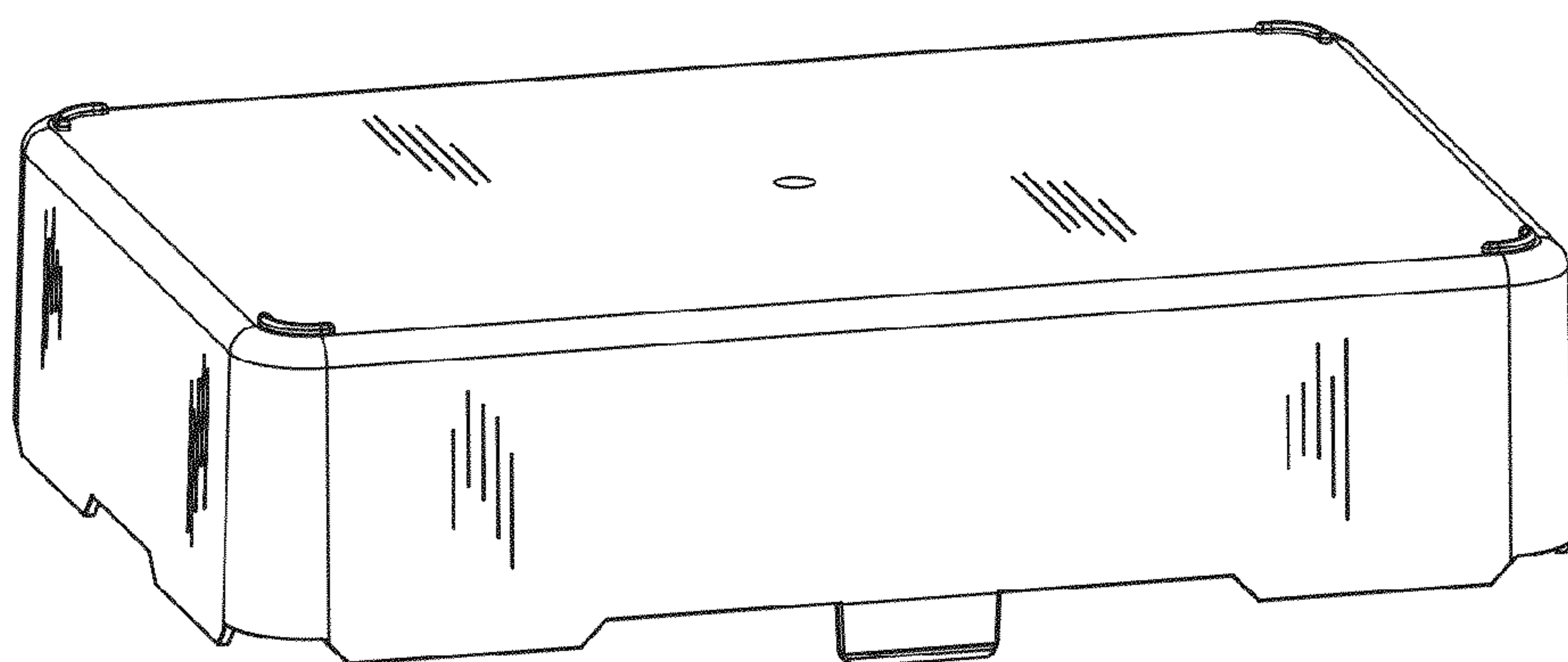


FIG. 37

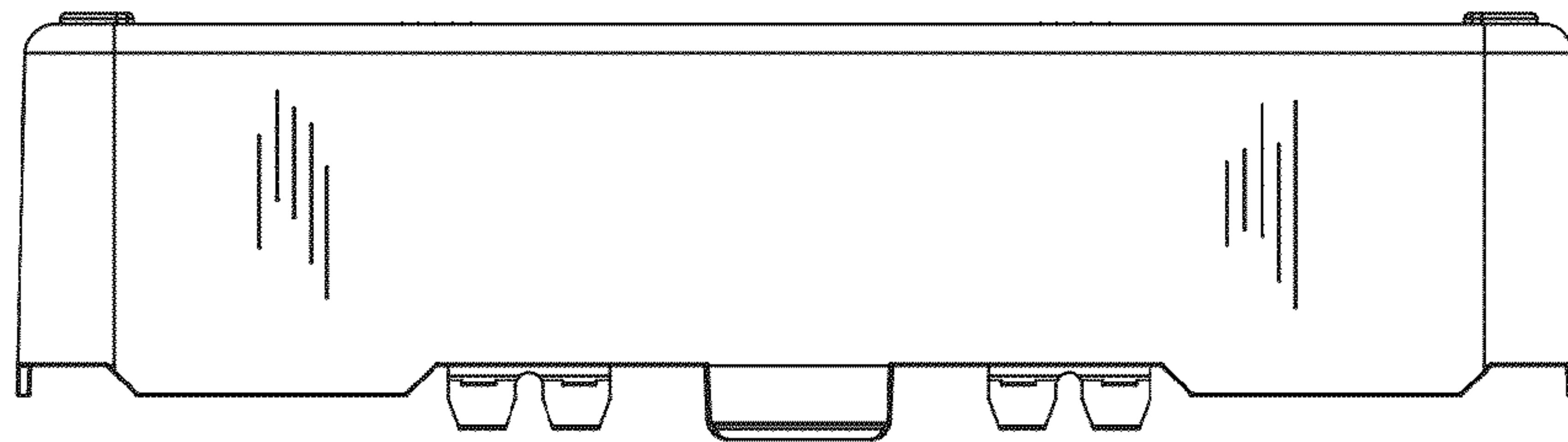


FIG. 38

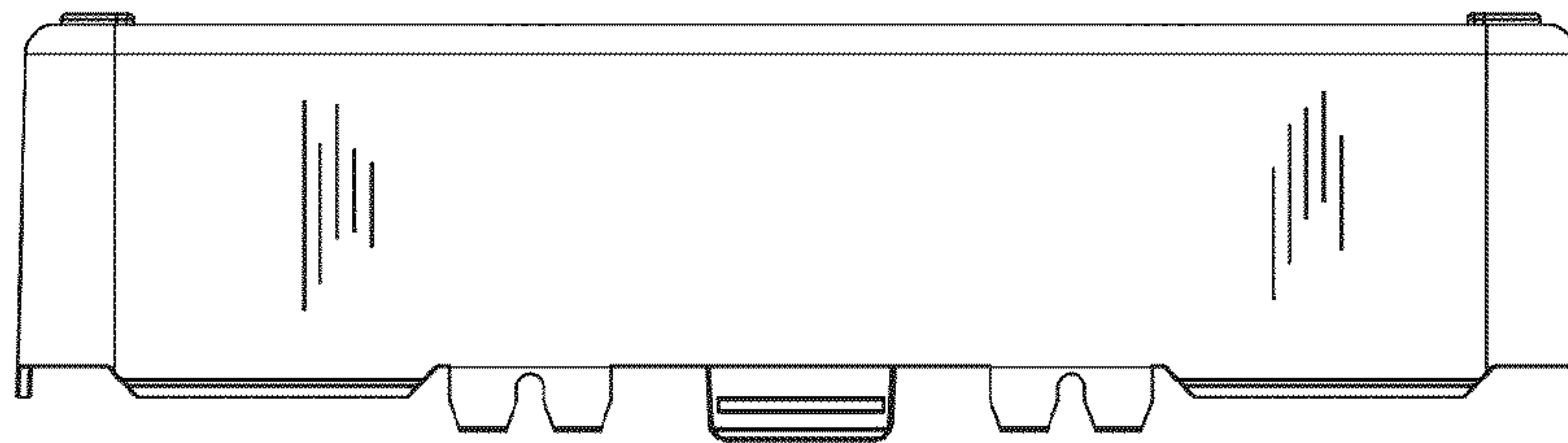


FIG. 39

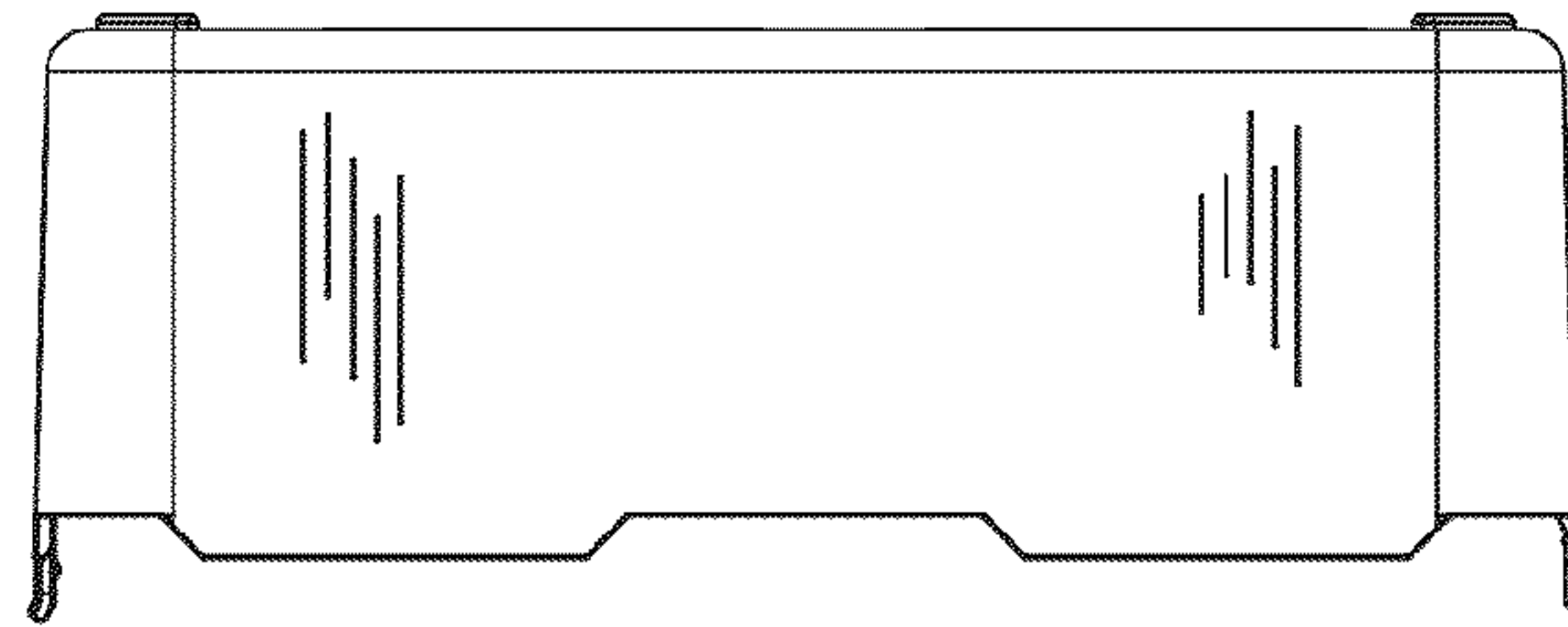


FIG. 40

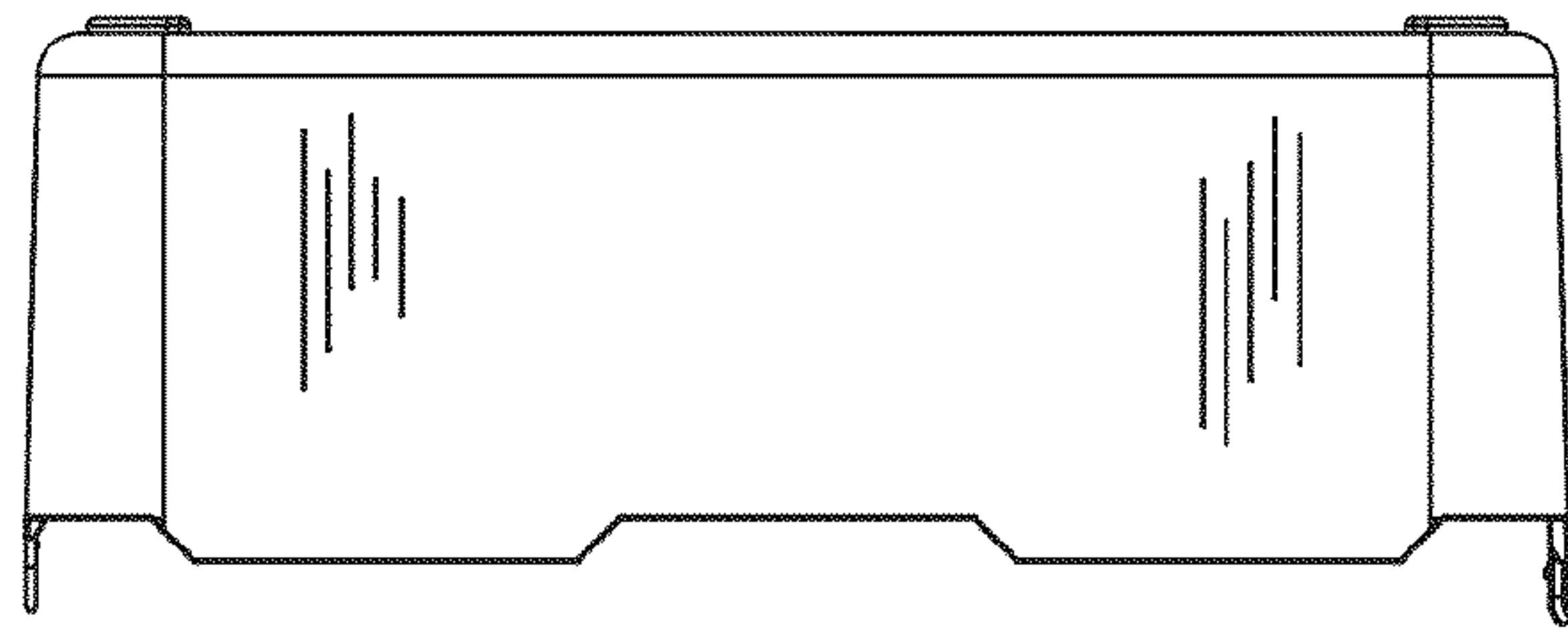


FIG. 41

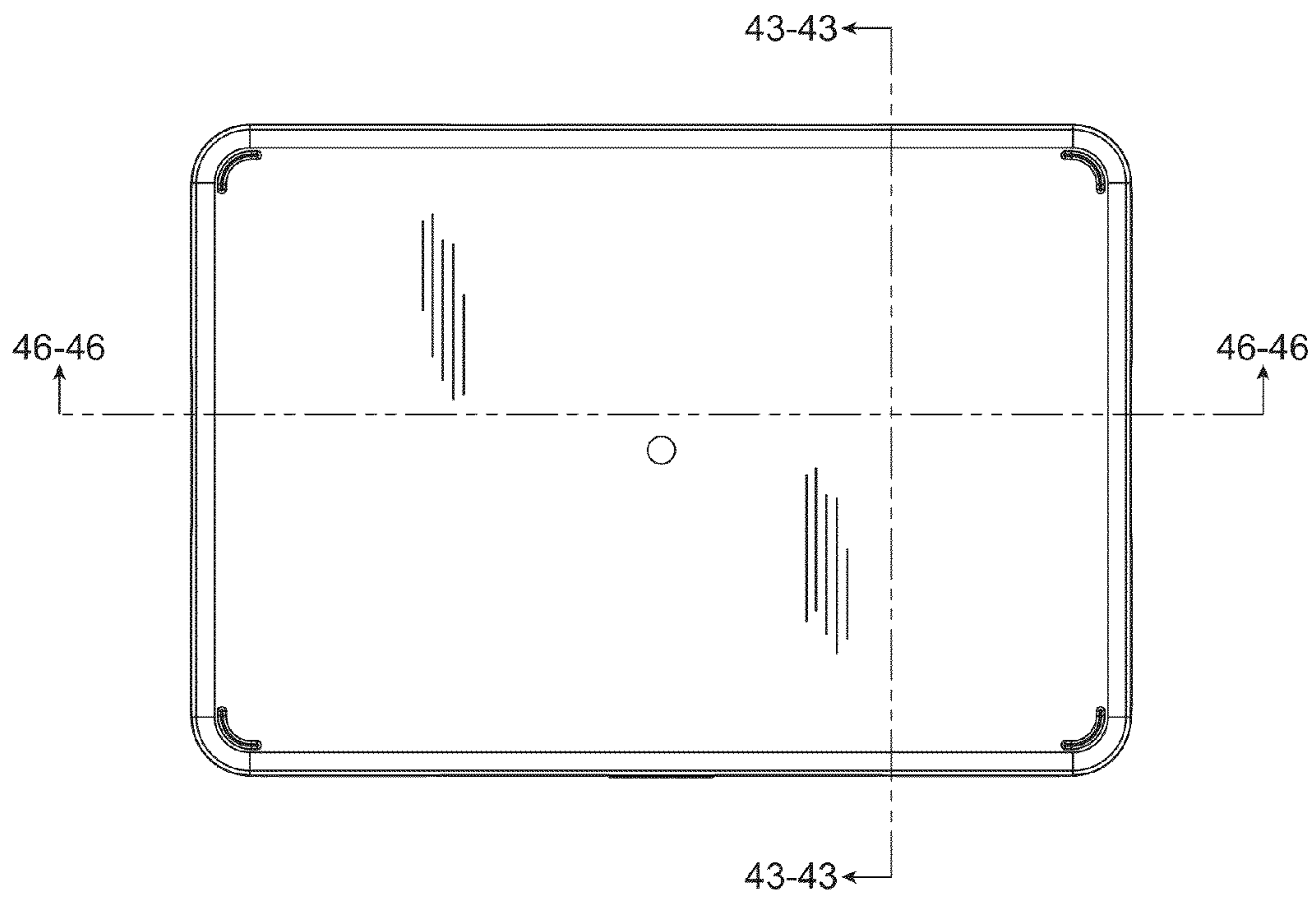
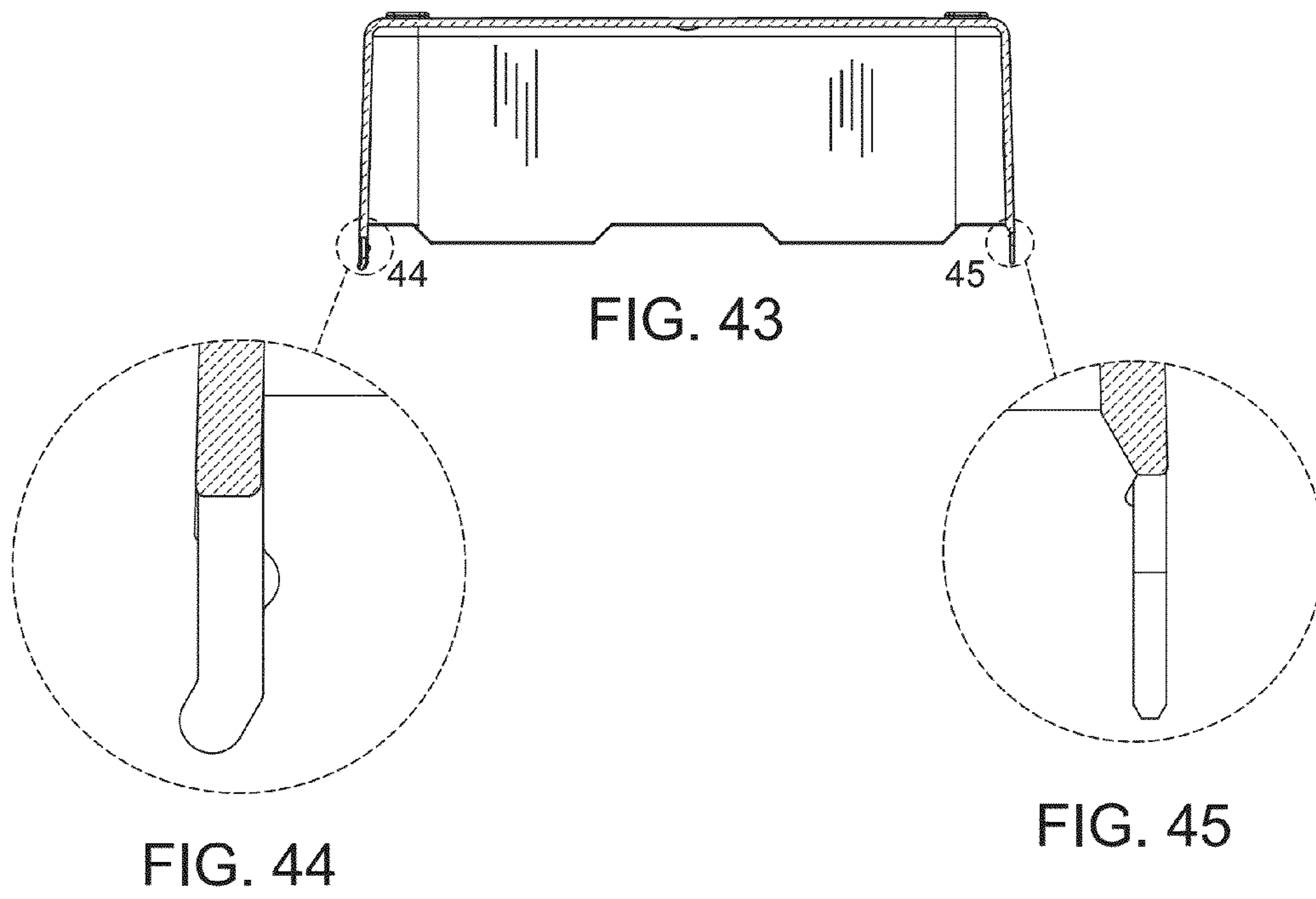


FIG. 42



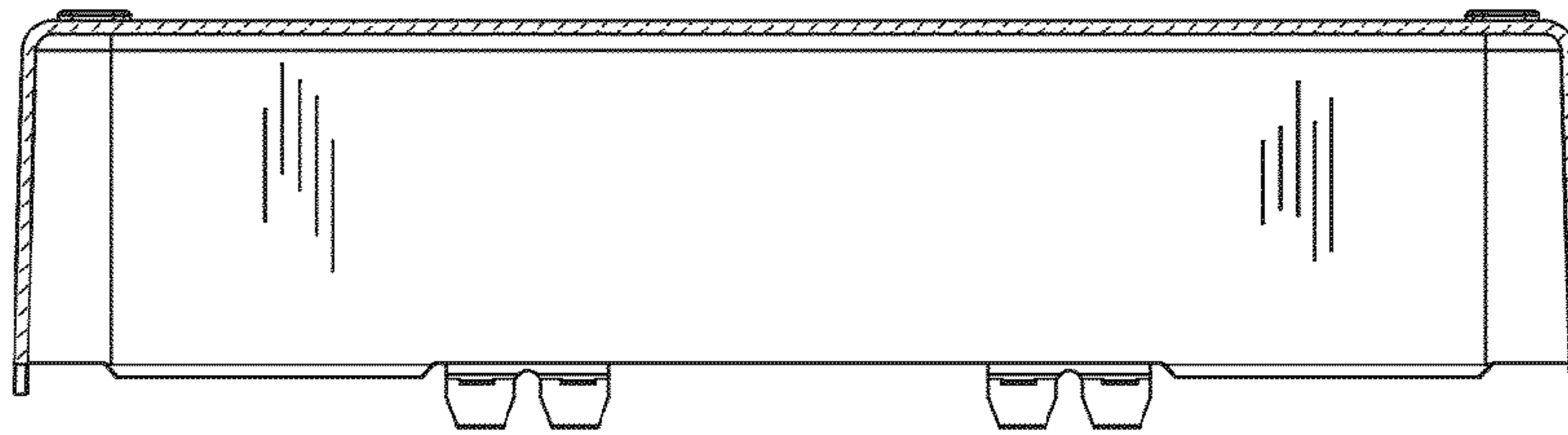


FIG. 46

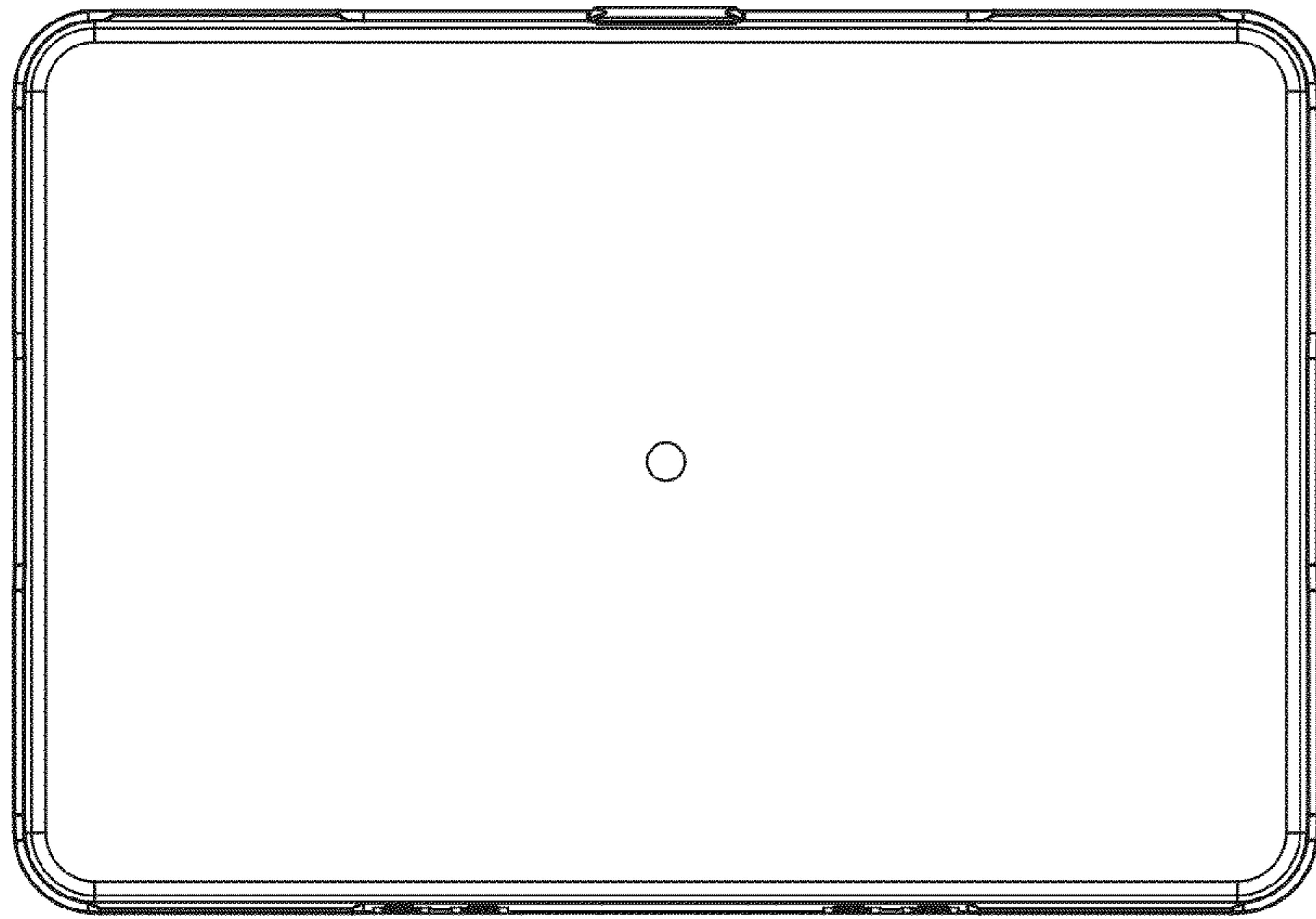


FIG. 47

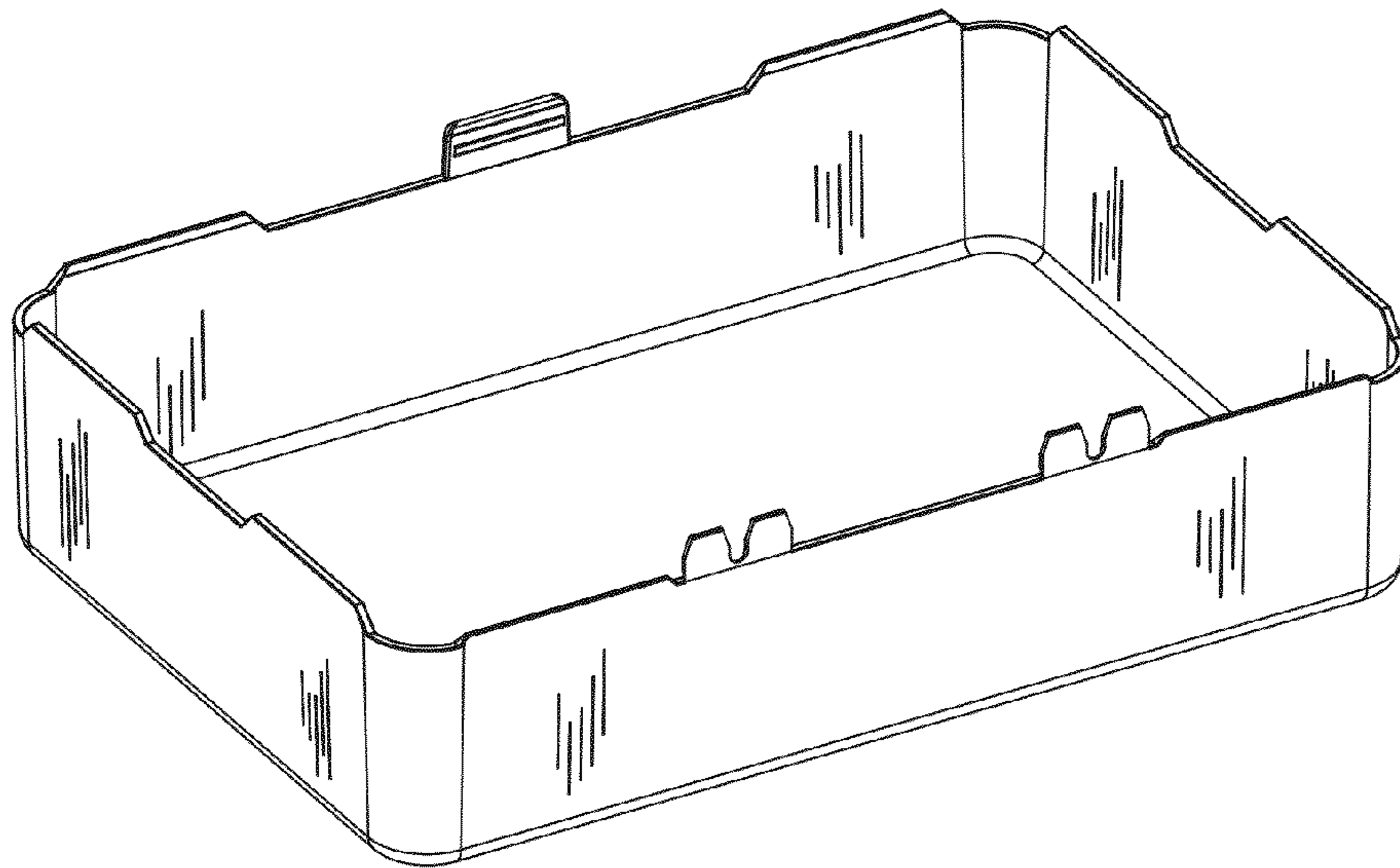


FIG. 48