



US0D1048543S

(12)

United States Design Patent

Chen et al.

(10)

Patent No.:

US D1,048,543 S

(45)

Date of Patent:

** Oct. 22, 2024

- (54)

ELECTRONIC ATOMIZING DEVICE ASSEMBLY
- (71)

Applicant: SHENZHEN SMOORE TECHNOLOGY LIMITED, Shenzhen (CN)
- (72)

Inventors: Jinghong Chen, Shenzhen (CN); Yu Liu, Shenzhen (CN)
- (73)

Assignee: SHENZHEN SMOORE TECHNOLOGY LIMITED, Shenzhen (CN)
- (**)

Term: 15 Years
- (21)

Appl. No.: 29/927,706
- (22)

Filed: Feb. 6, 2024

Related U.S. Application Data

- (63)

Continuation of application No. 29/843,334, filed on Jun. 21, 2022.

Foreign Application Priority Data

- (30)

Dec. 22, 2021 (CN) 202130849672.0
- (51)

LOC (14) Cl. 27-07
- (52)

U.S. Cl. D27/162
- (58)

Field of Classification Search

USPC D27/100–101, 161–196; D23/360, 362; D24/110, 110.4–110.6, 113

(Continued)

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Primary Examiner — Mark A Goodwin
Assistant Examiner — William B Melliar

(57) CLAIM

The ornamental design for an electronic atomizing device assembly as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an electronic atomizing device assembly according to a first embodiment where a component 1 and a component 2 are shown in an assembled state of use;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is an enlarged perspective view of the electronic atomizing device assembly according to the first embodiment shown as the component 1 removed from the assembly in FIGS. 1-8 for clarity of disclosure;
FIG. 10 is another enlarged perspective view thereof;
FIG. 11 is an enlarged front elevational view thereof;
FIG. 12 is an enlarged rear elevational view thereof;
FIG. 13 is an enlarged left side elevational view thereof;
FIG. 14 is an enlarged right side elevational view thereof;
FIG. 15 is an enlarged top plan view thereof;
FIG. 16 is an enlarged bottom plan view thereof;
FIG. 17 is perspective view of the electronic atomizing device assembly according to the first embodiment shown as the component 2 removed from the assembly in FIGS. 1-8 for clarity of disclosure;
FIG. 18 is another perspective view thereof;
FIG. 19 is a front elevational view thereof;

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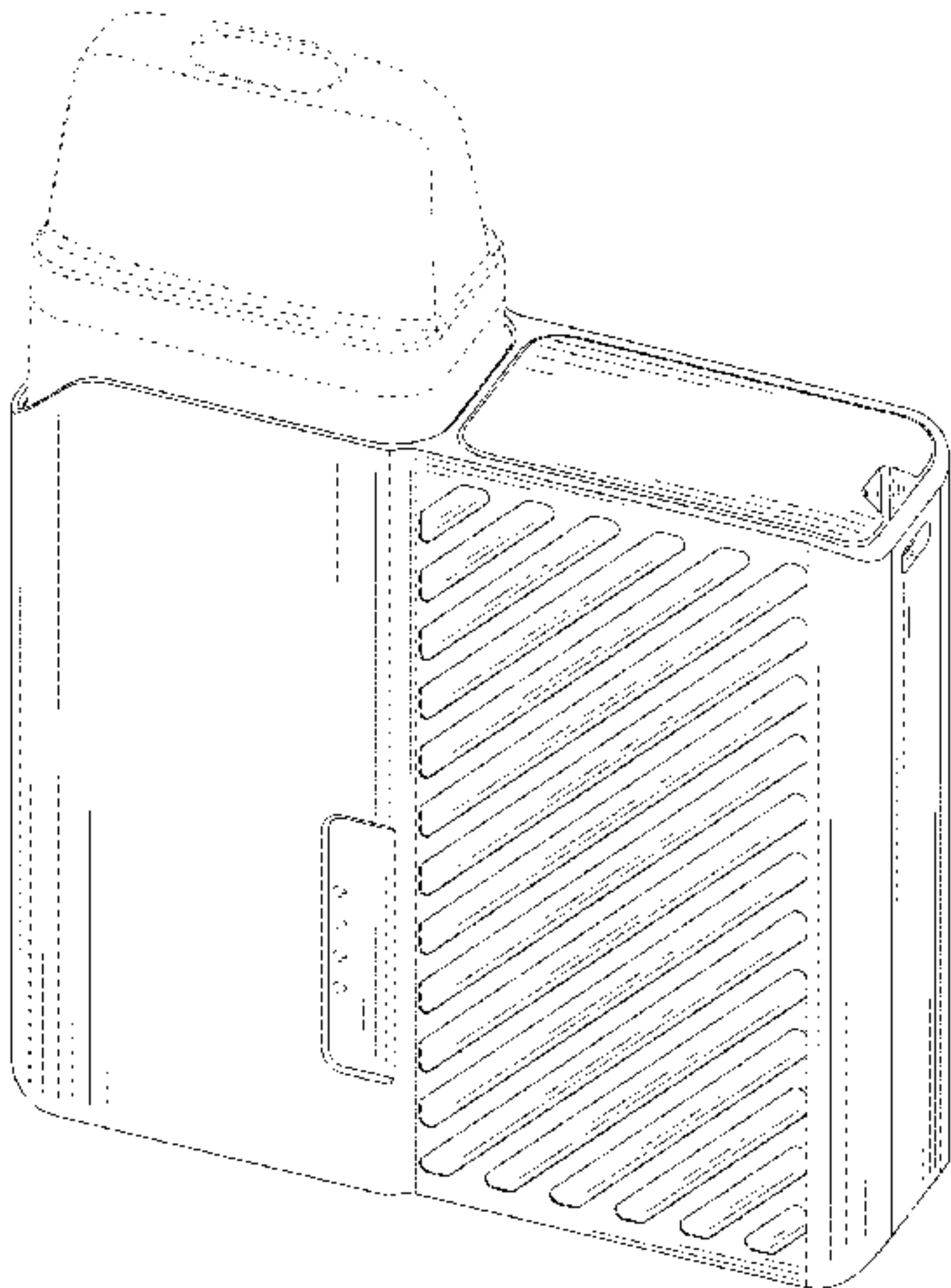


FIG. 20 is a rear elevational view thereof;
FIG. 21 is a left side elevational view thereof;
FIG. 22 is a right side elevational view thereof;
FIG. 23 is a top plan view thereof;
FIG. 24 is a bottom plan view thereof;
FIG. 25 is a perspective view of an electronic atomizing device assembly according to a second embodiment where a component 1 and a component 2 are shown in an assembled state of use;
FIG. 26 is another perspective view thereof;
FIG. 27 is a front elevational view thereof;
FIG. 28 is a rear elevational view thereof;
FIG. 29 is a left side elevational view thereof;
FIG. 30 is a right side elevational view thereof;
FIG. 31 is a top plan view thereof;
FIG. 32 is a bottom plan view thereof;
FIG. 33 is an enlarged perspective view of the electronic atomizing device assembly according to the second embodiment shown as the component 1 removed from the assembly in FIGS. 25-32 for clarity of disclosure;
FIG. 34 is another enlarged perspective view thereof;
FIG. 35 is an enlarged front elevational view thereof;
FIG. 36 is an enlarged rear elevational view thereof;
FIG. 37 is an enlarged left side elevational view thereof;
FIG. 38 is an enlarged right side elevational view thereof;
FIG. 39 is an enlarged top plan view thereof; and,

FIG. 40 is an enlarged bottom plan view thereof.
The broken lines in the drawings depict portions of the electronic atomizing device assembly that form no part of the claimed design.

1 Claim, 40 Drawing Sheets

(58) **Field of Classification Search**
CPC A24F 40/10; A24F 40/42; A24F 40/485;
A24F 40/40; A24F 40/46; A61M 15/06;
A61M 11/042; A61M 2205/8206
See application file for complete search history.

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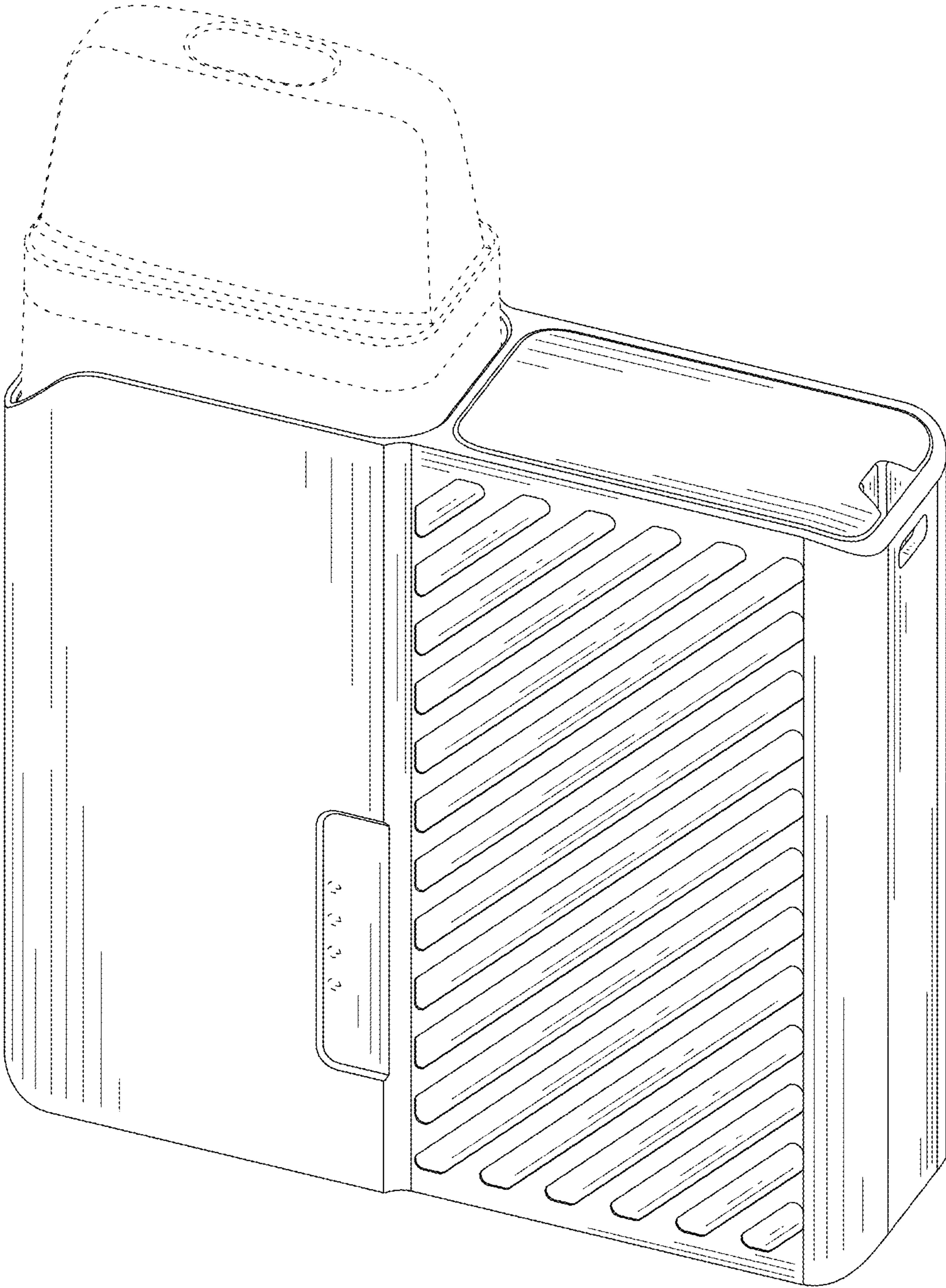


FIG. 1

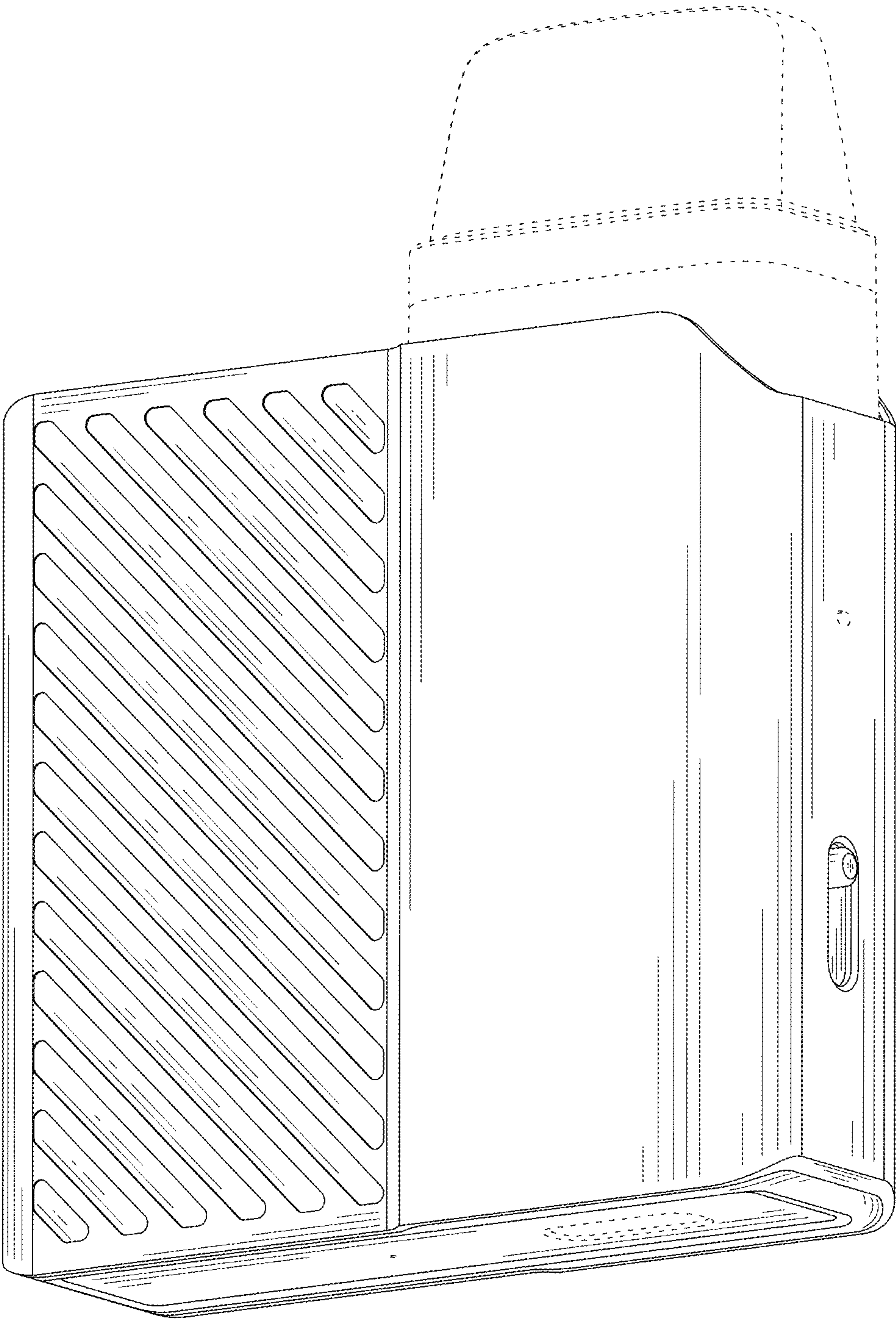


FIG. 2

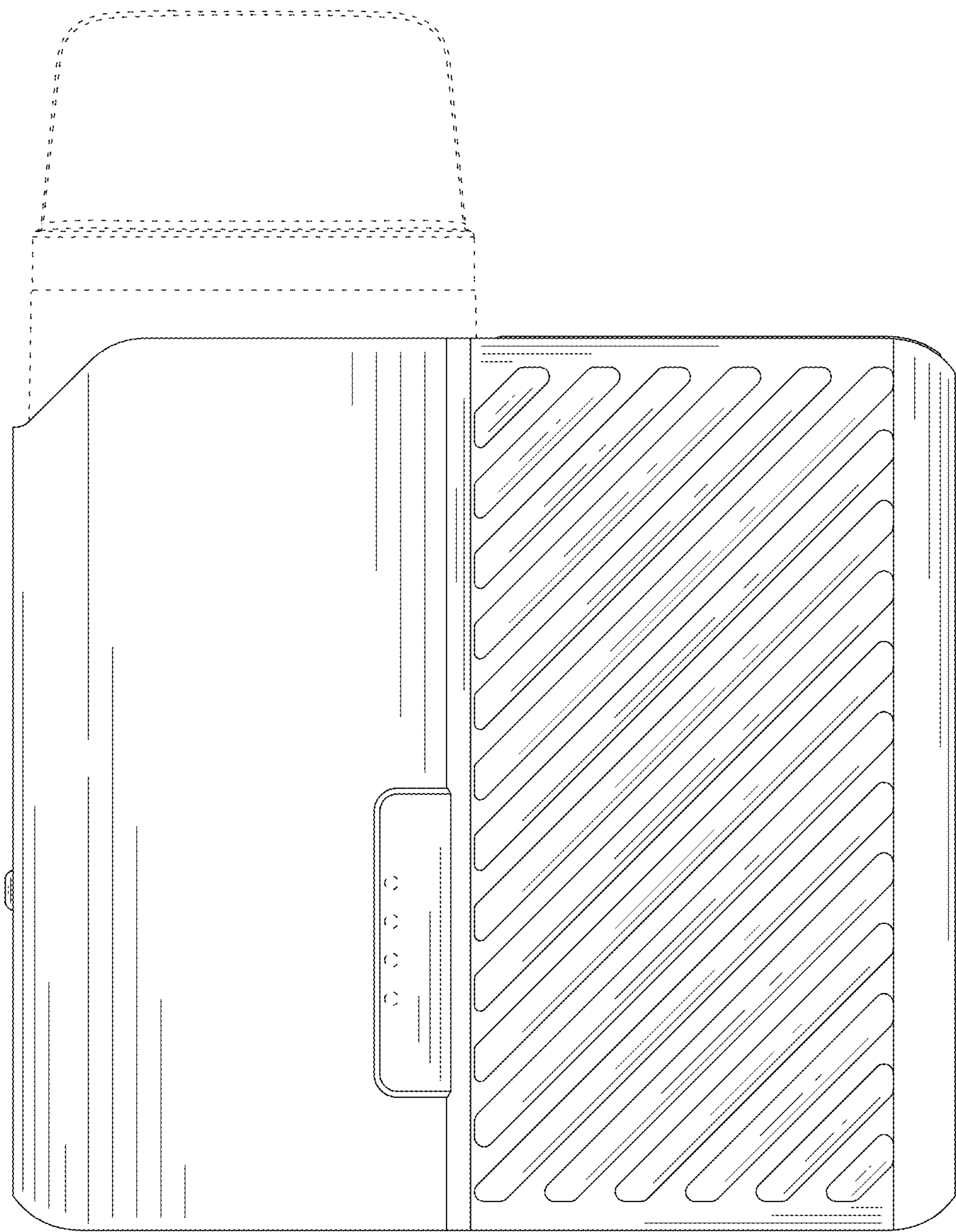


FIG. 3

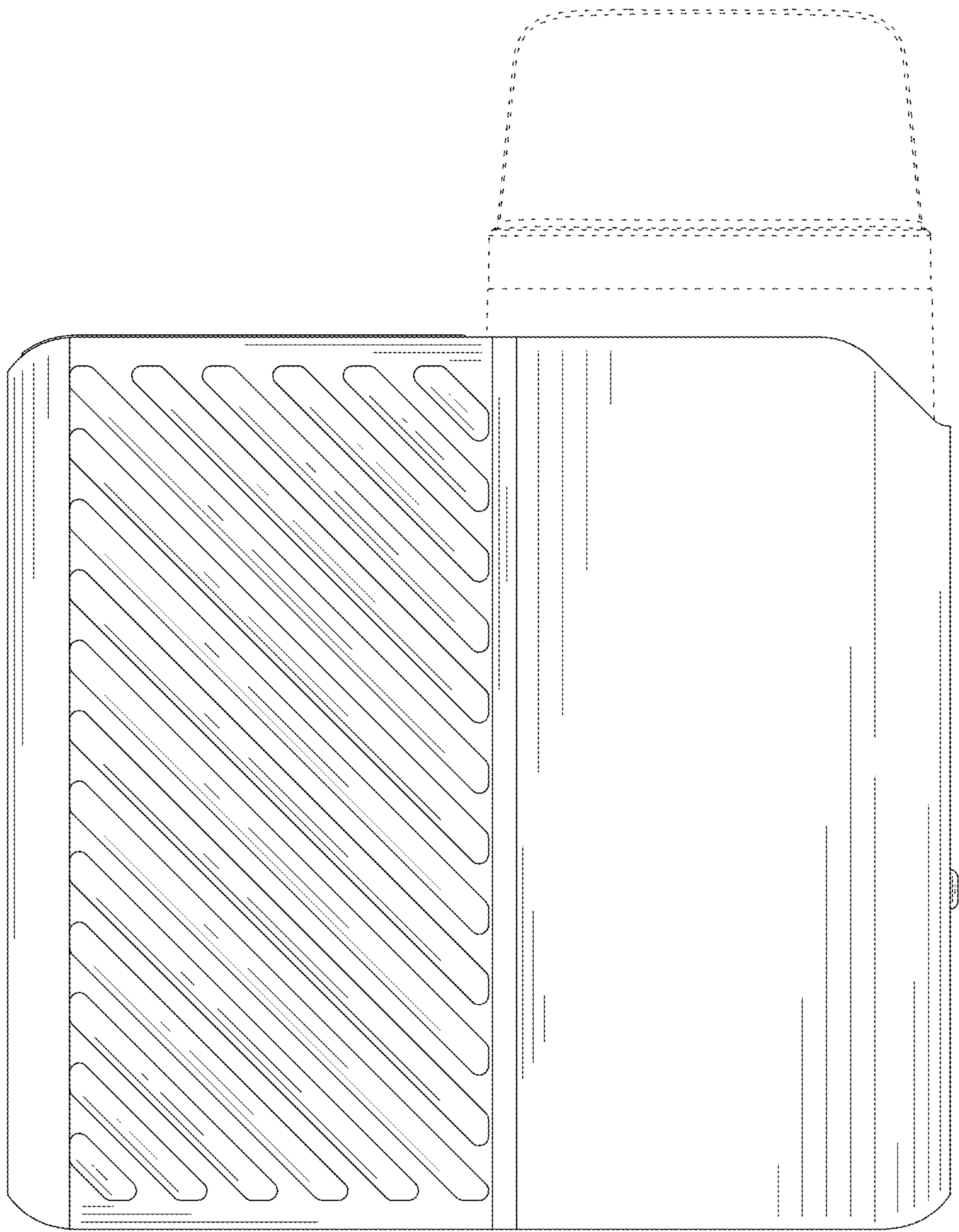


FIG. 4

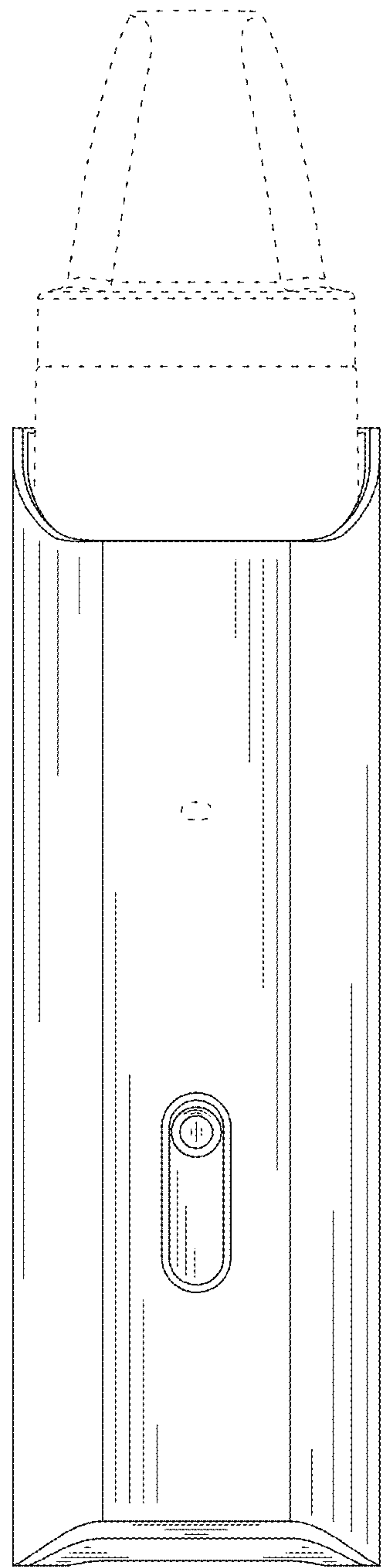


FIG. 5

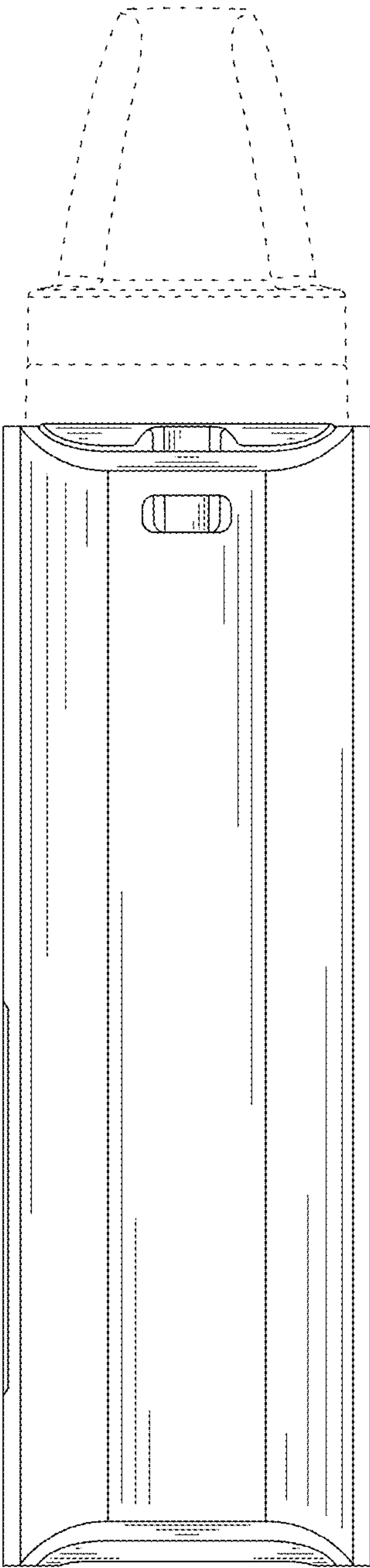


FIG. 6

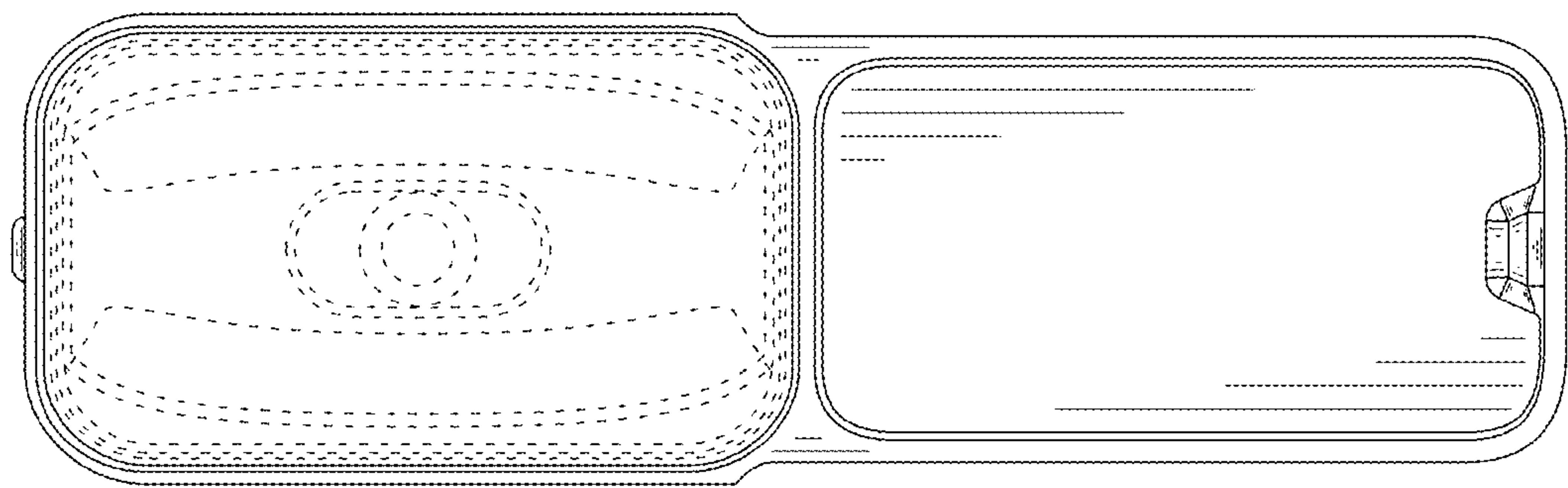


FIG. 7

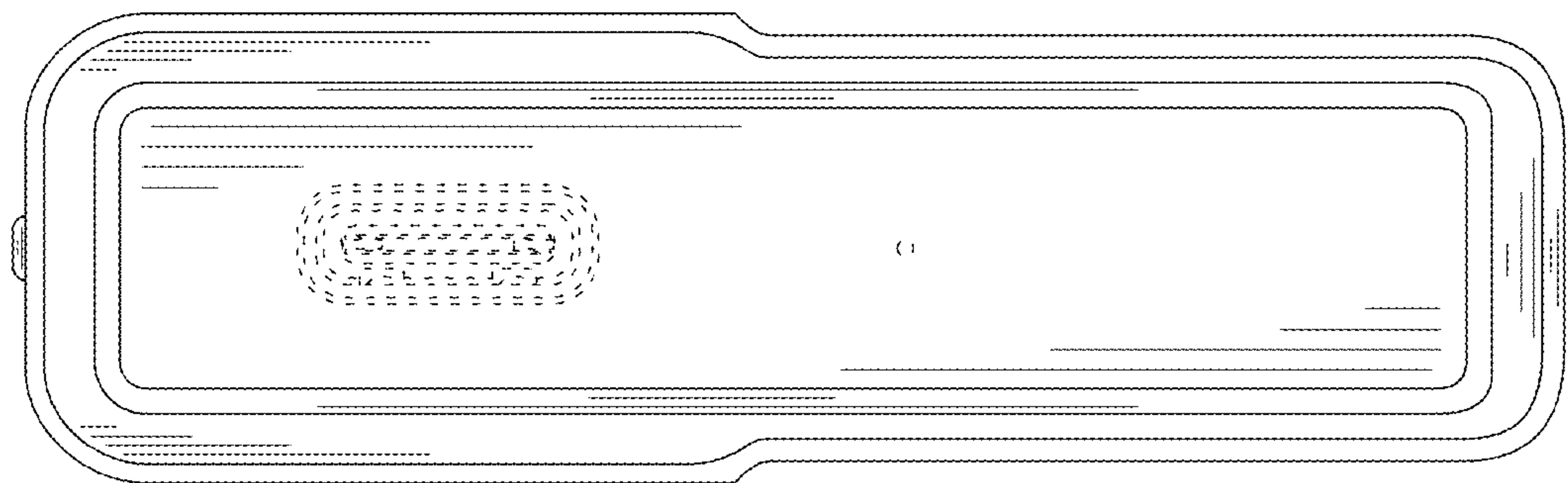


FIG. 8

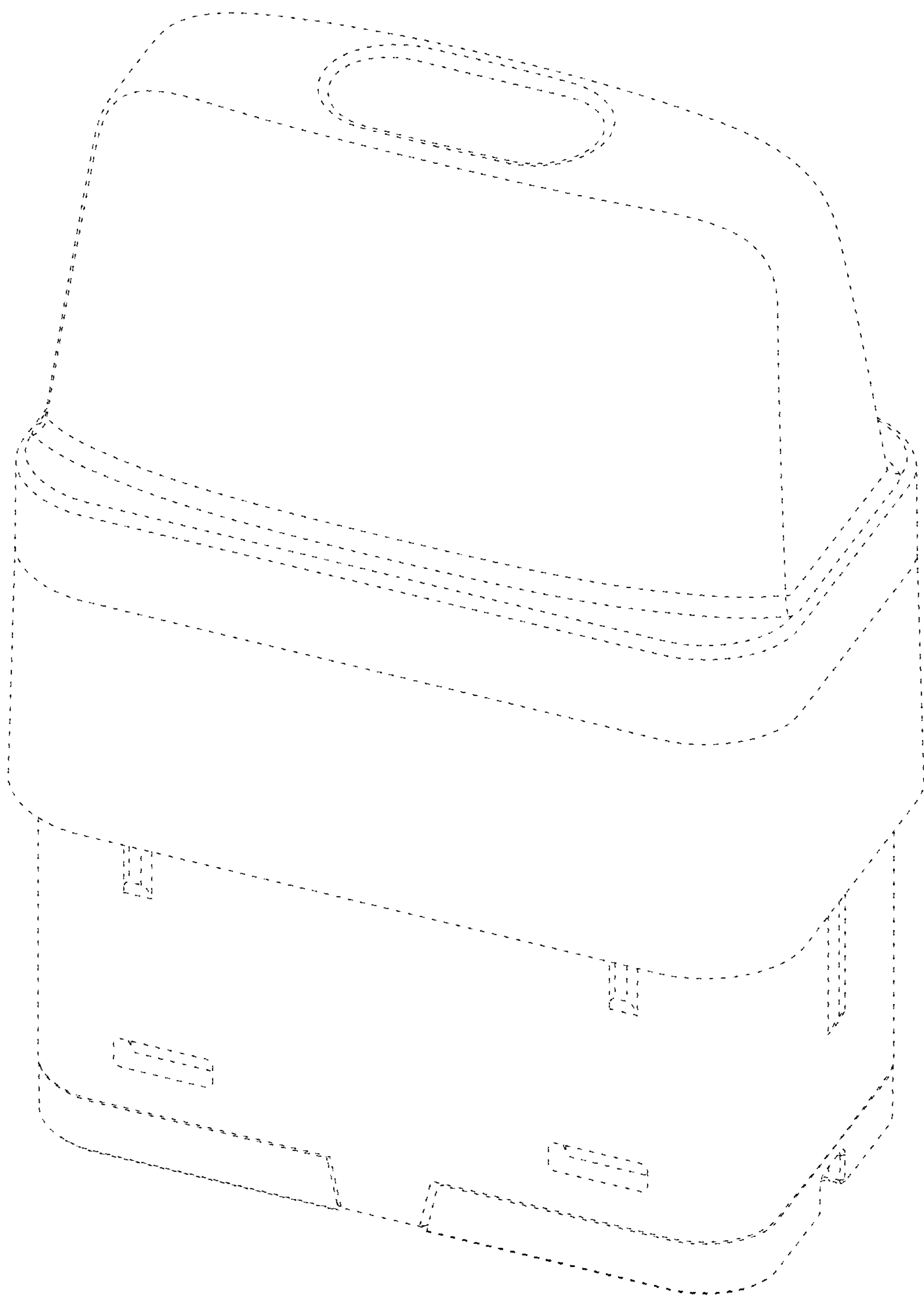


FIG. 9

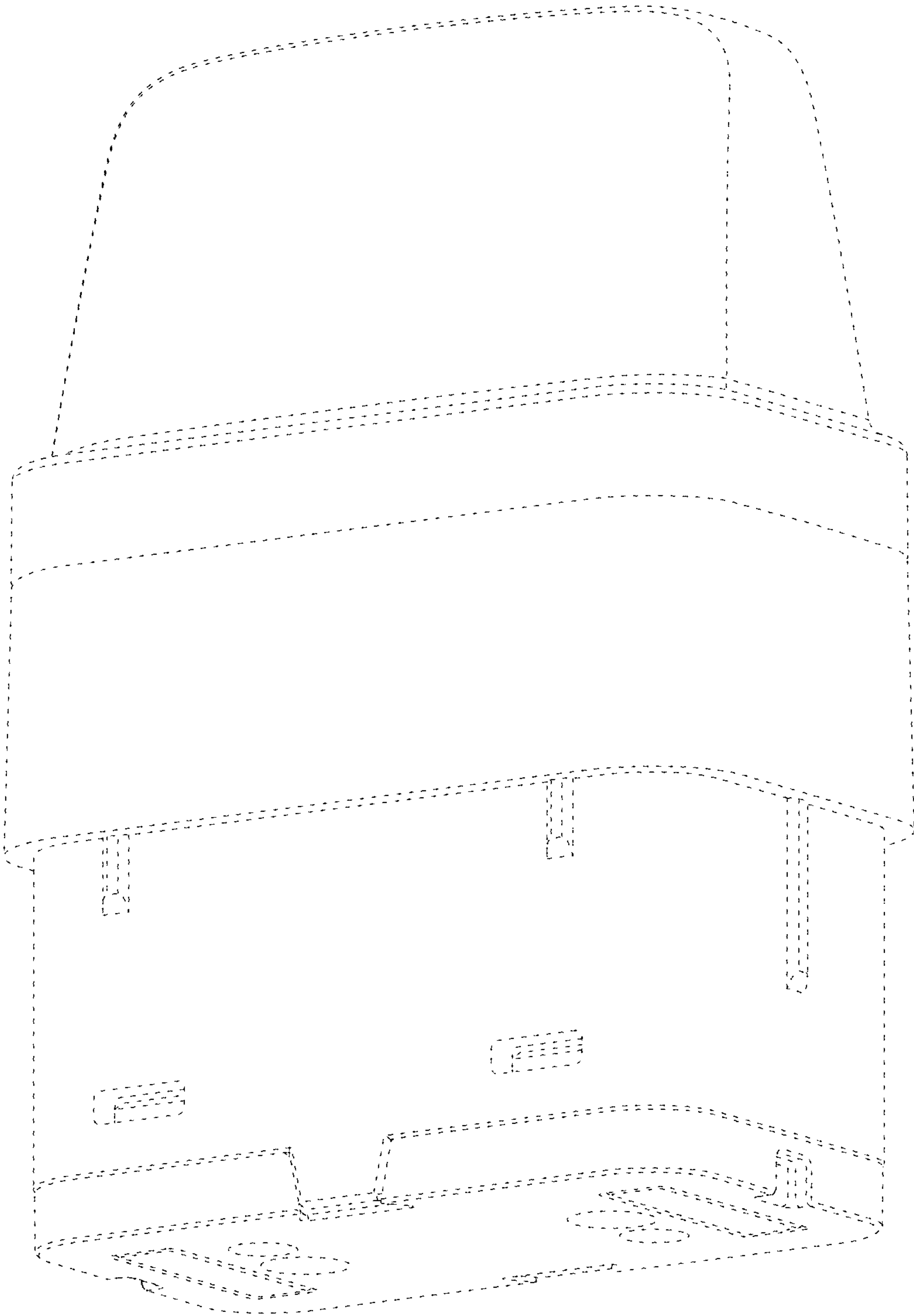


FIG. 10

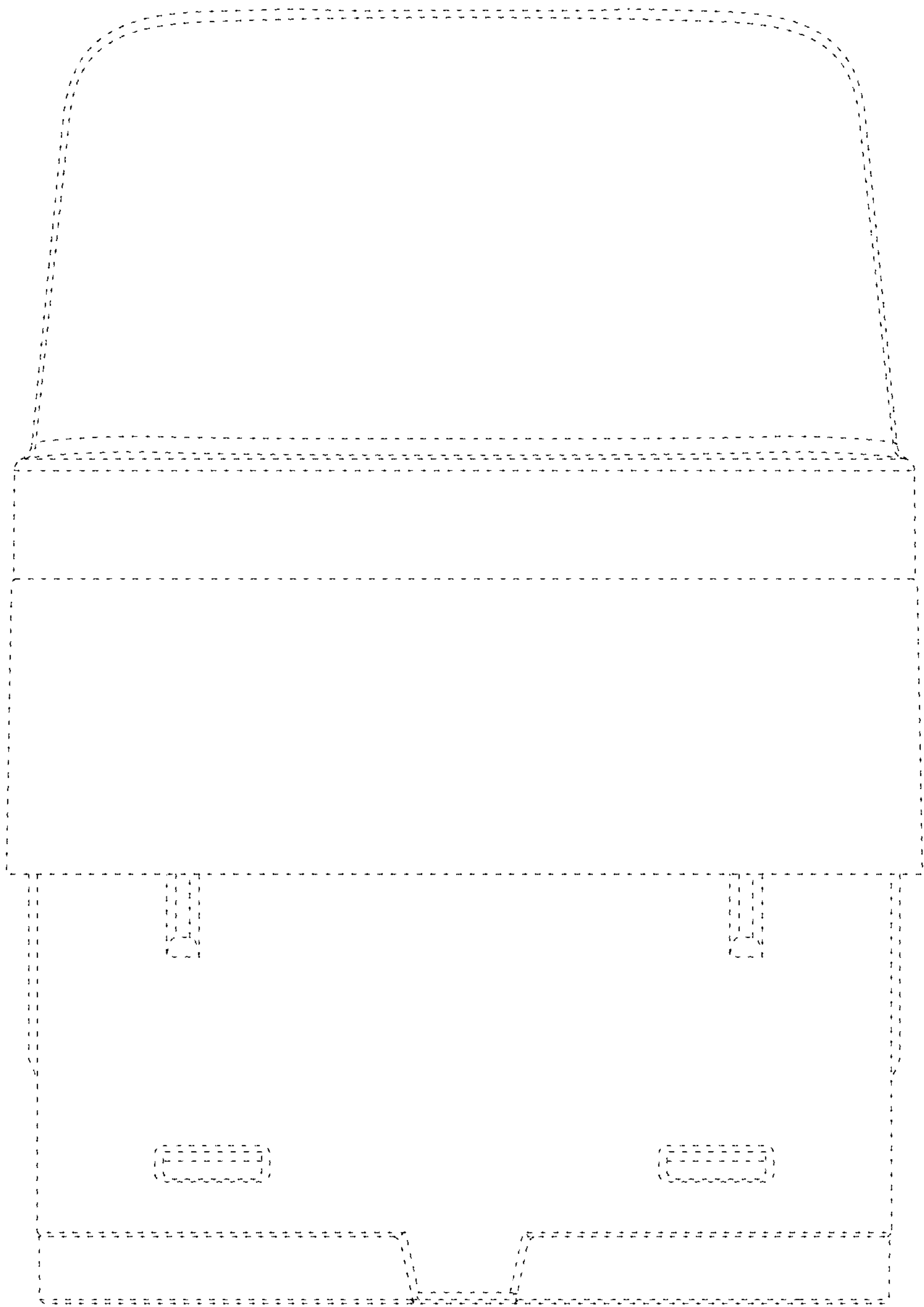


FIG. 11

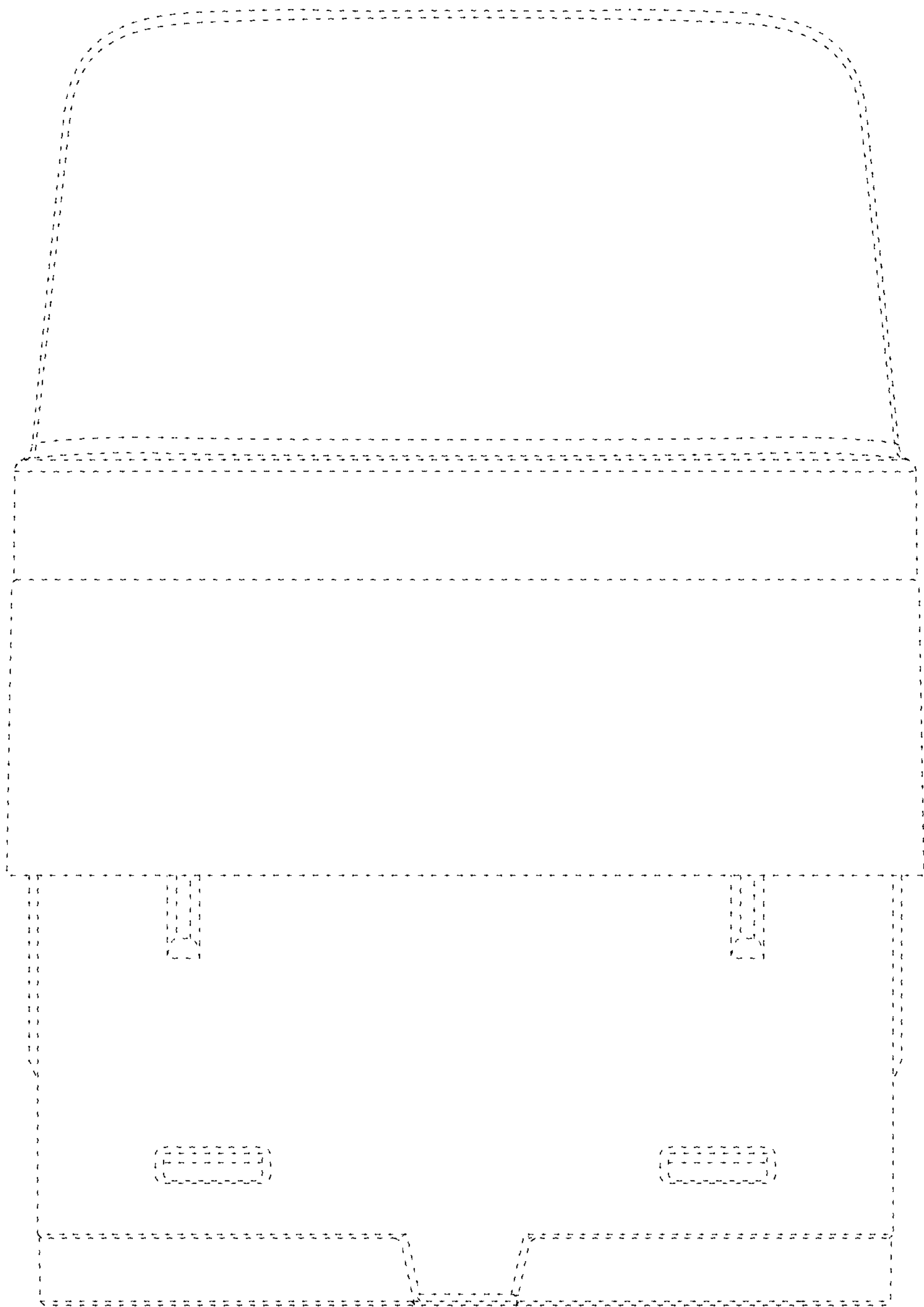


FIG. 12

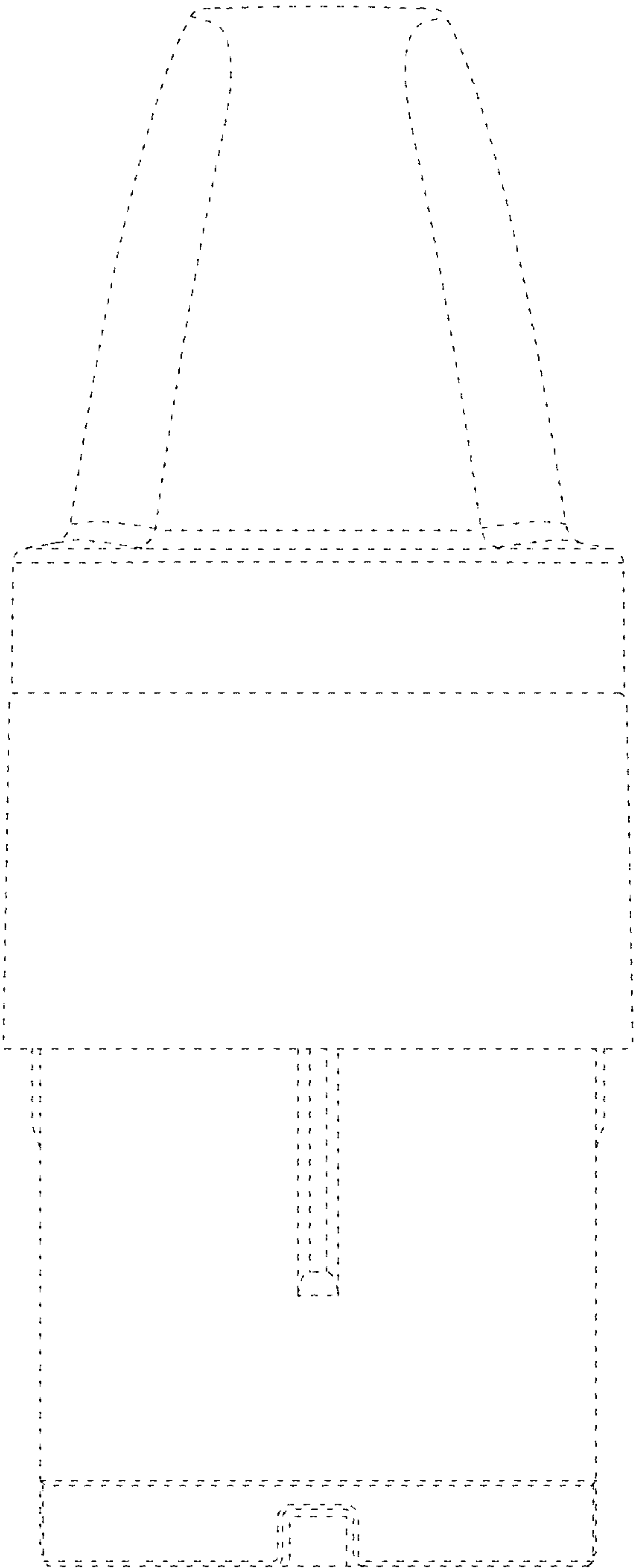


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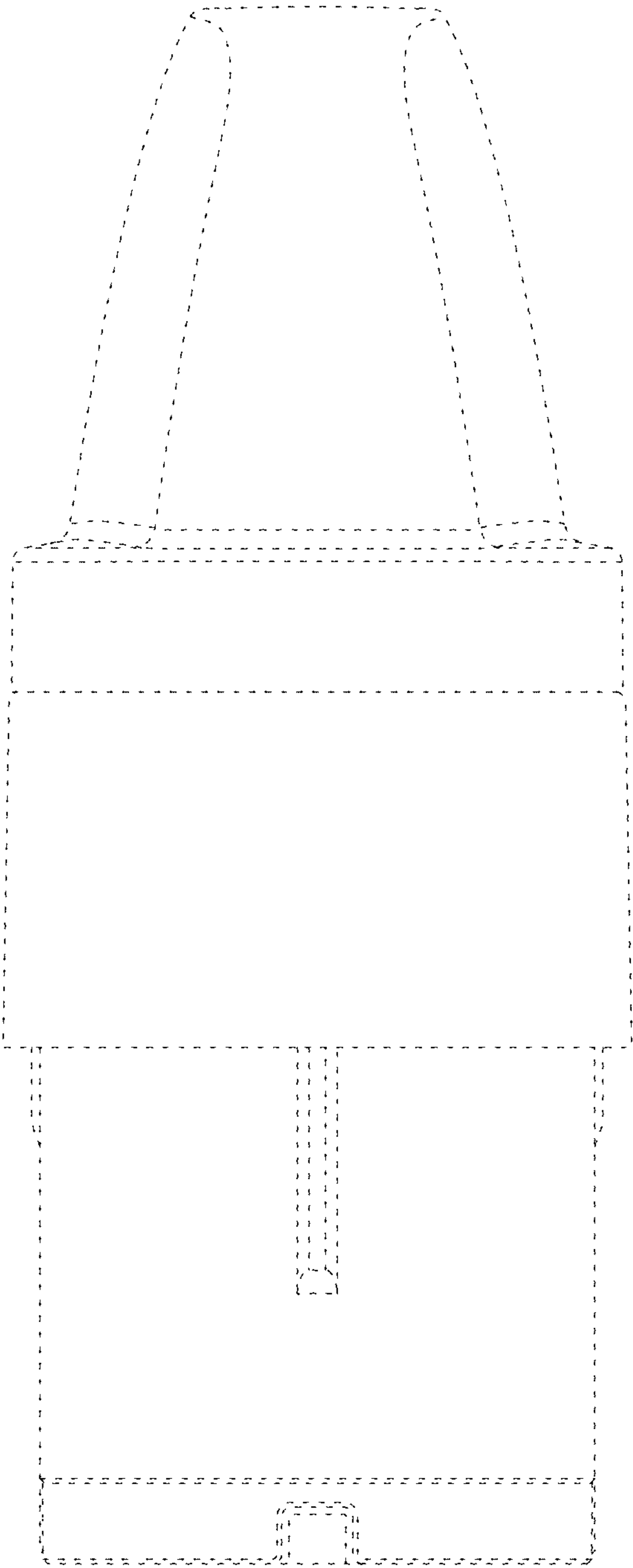


FIG. 14

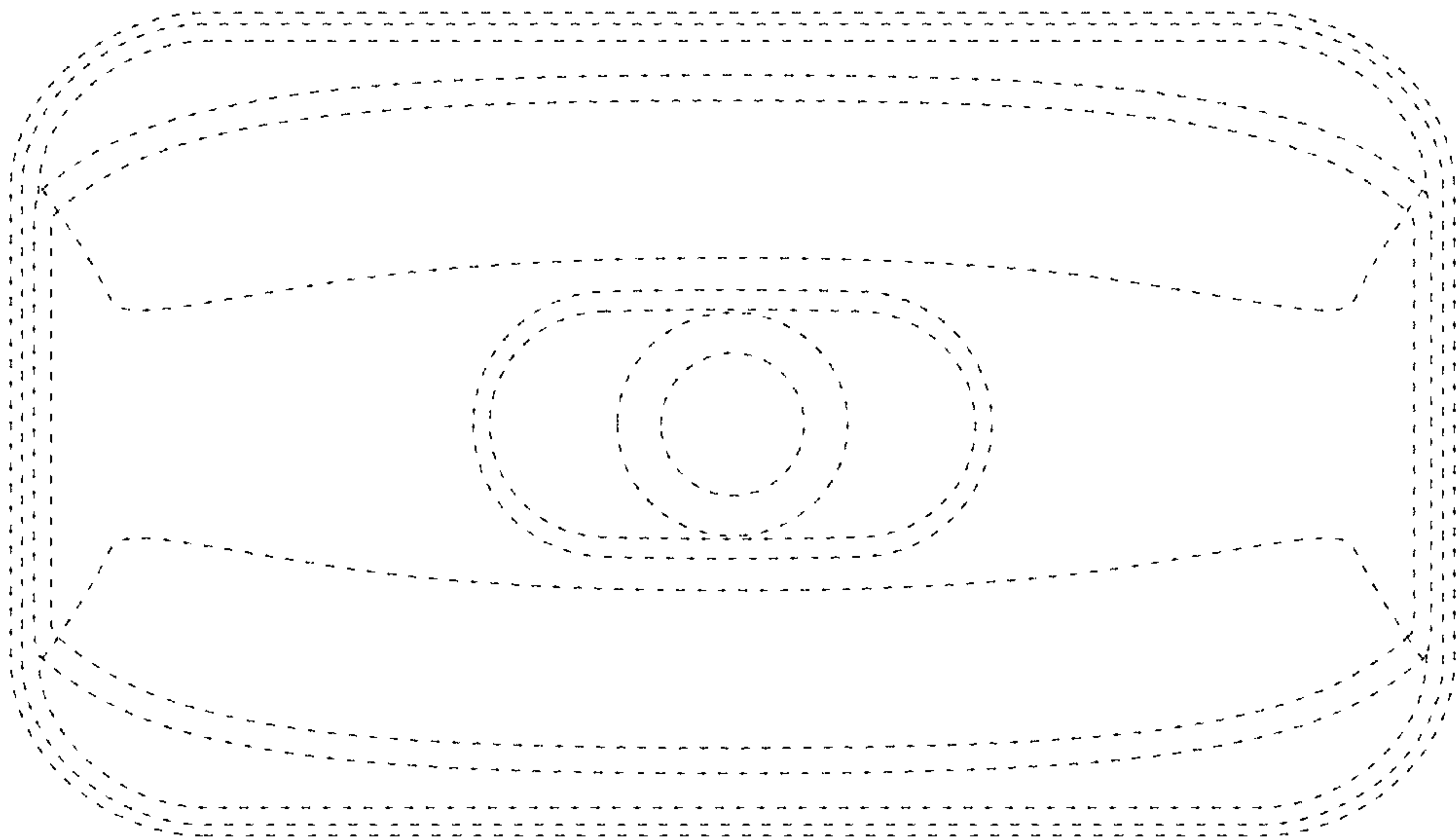


FIG. 15

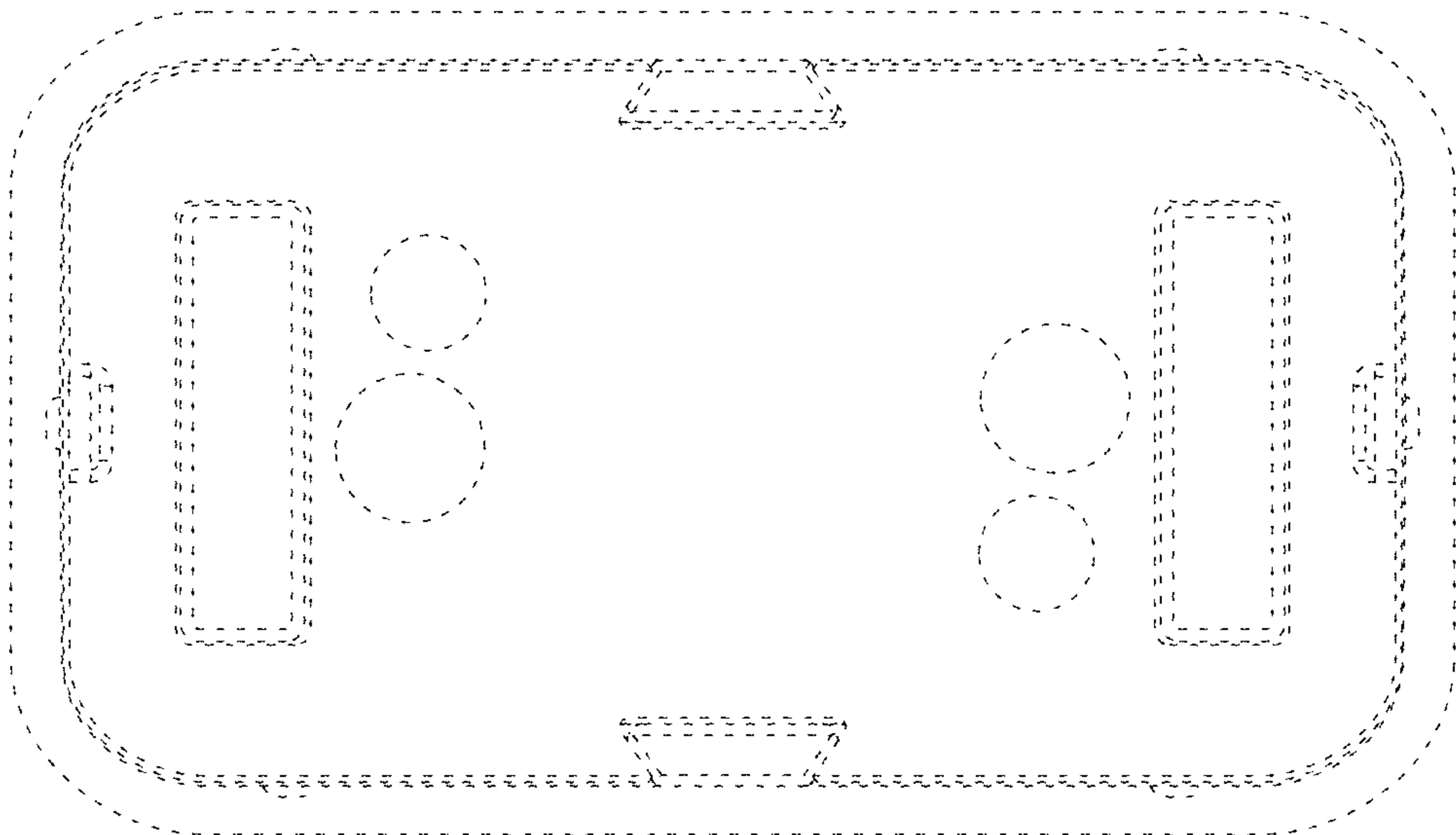


FIG. 16

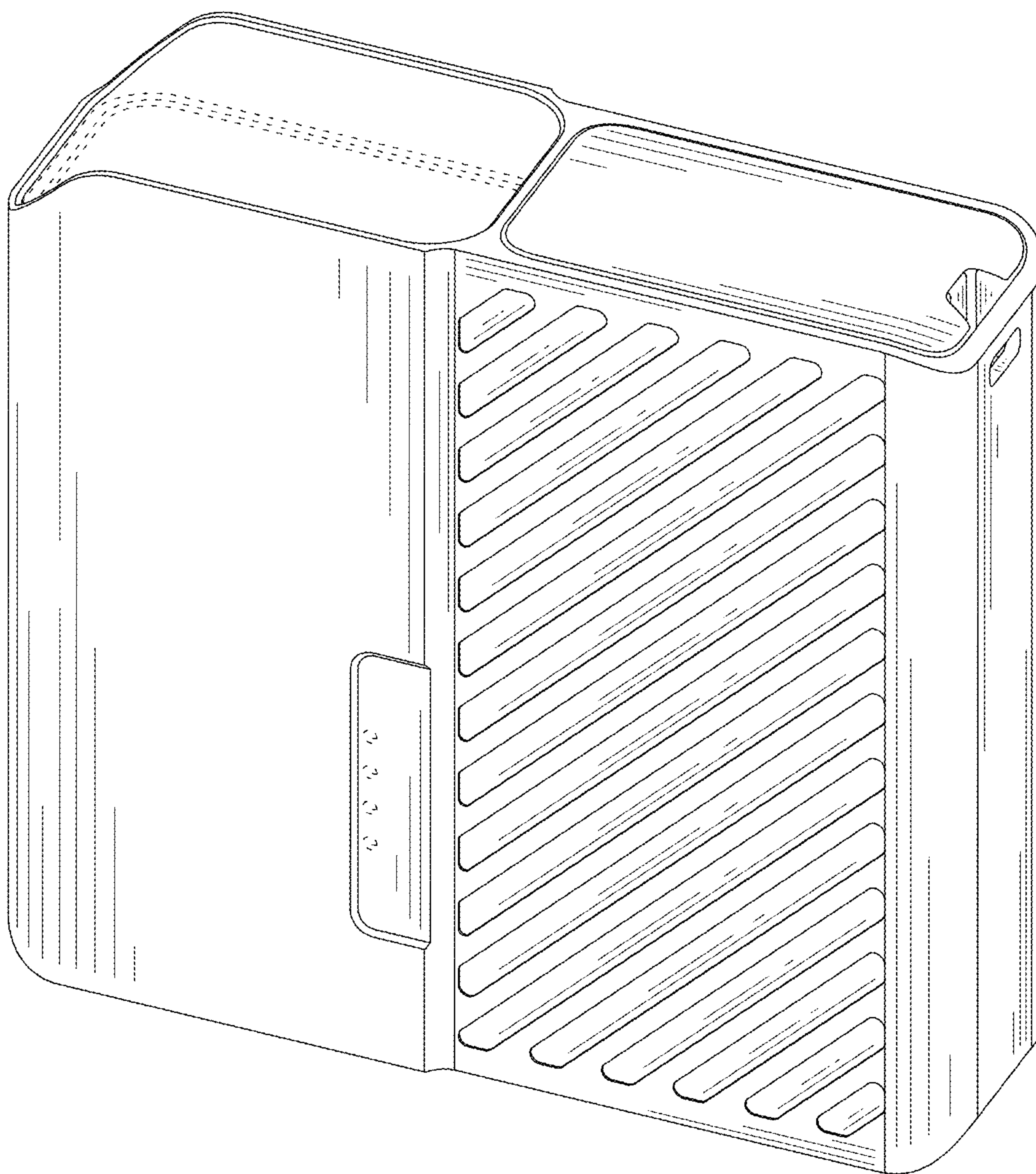


FIG. 17

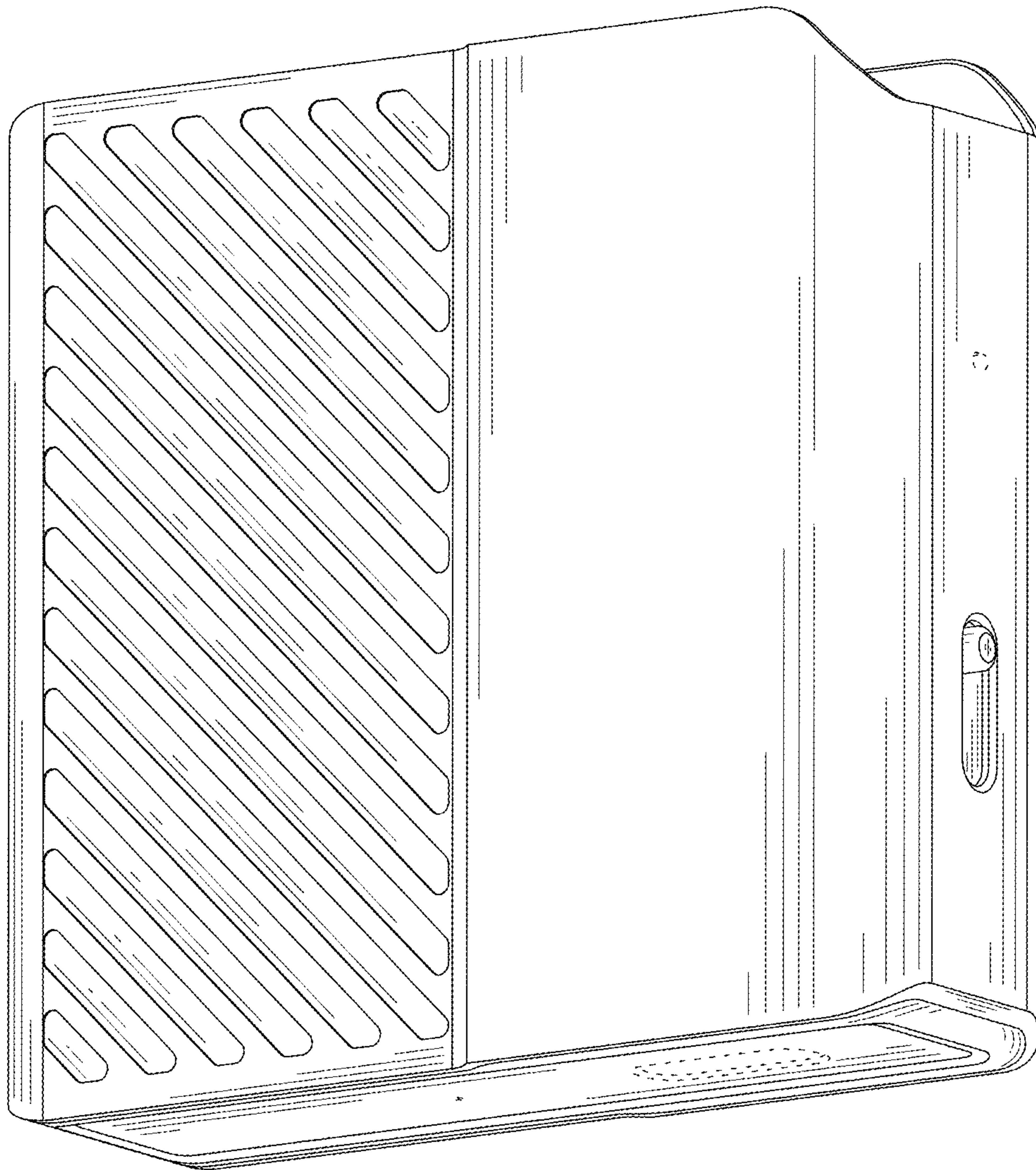


FIG. 18

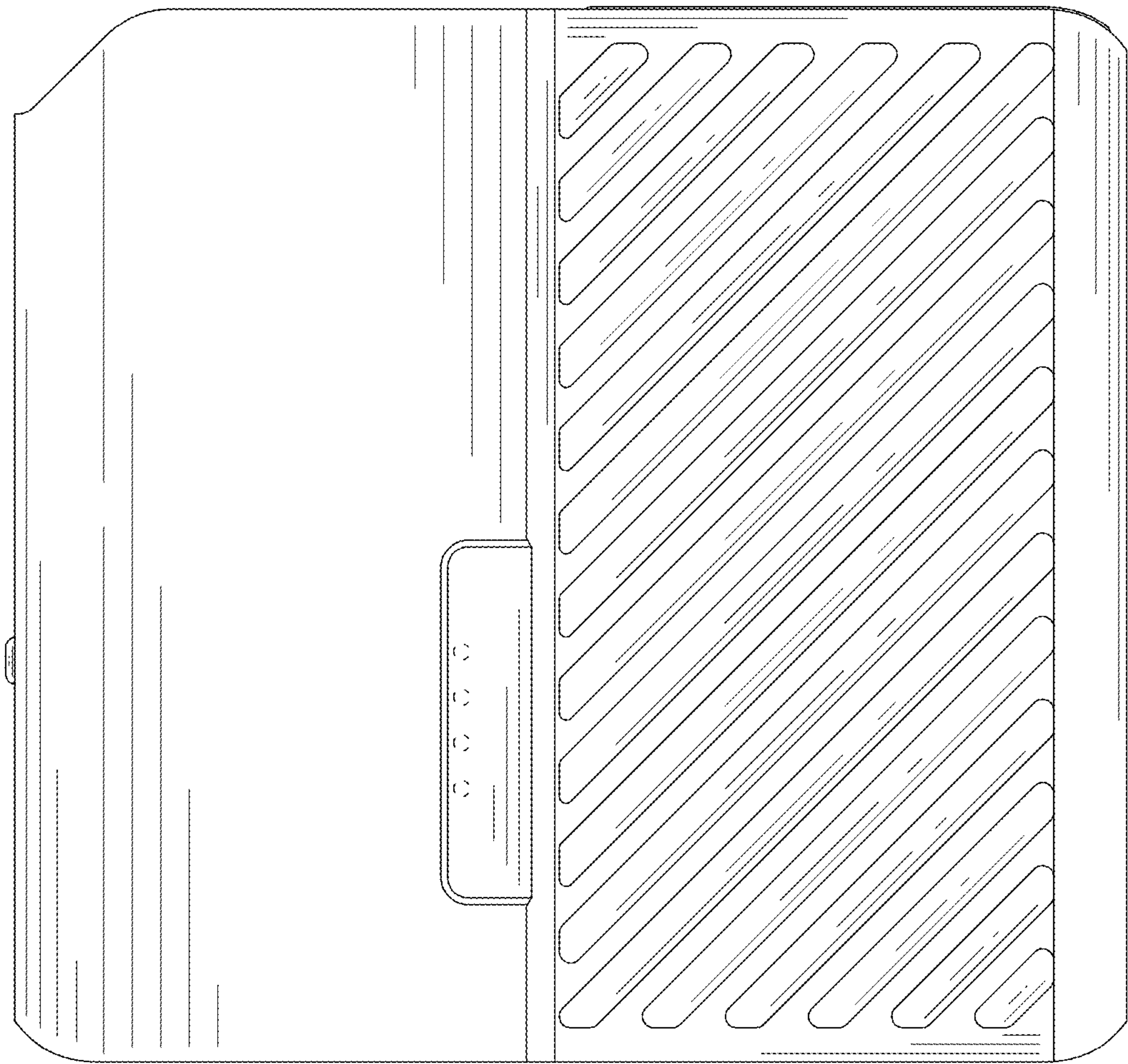


FIG. 19

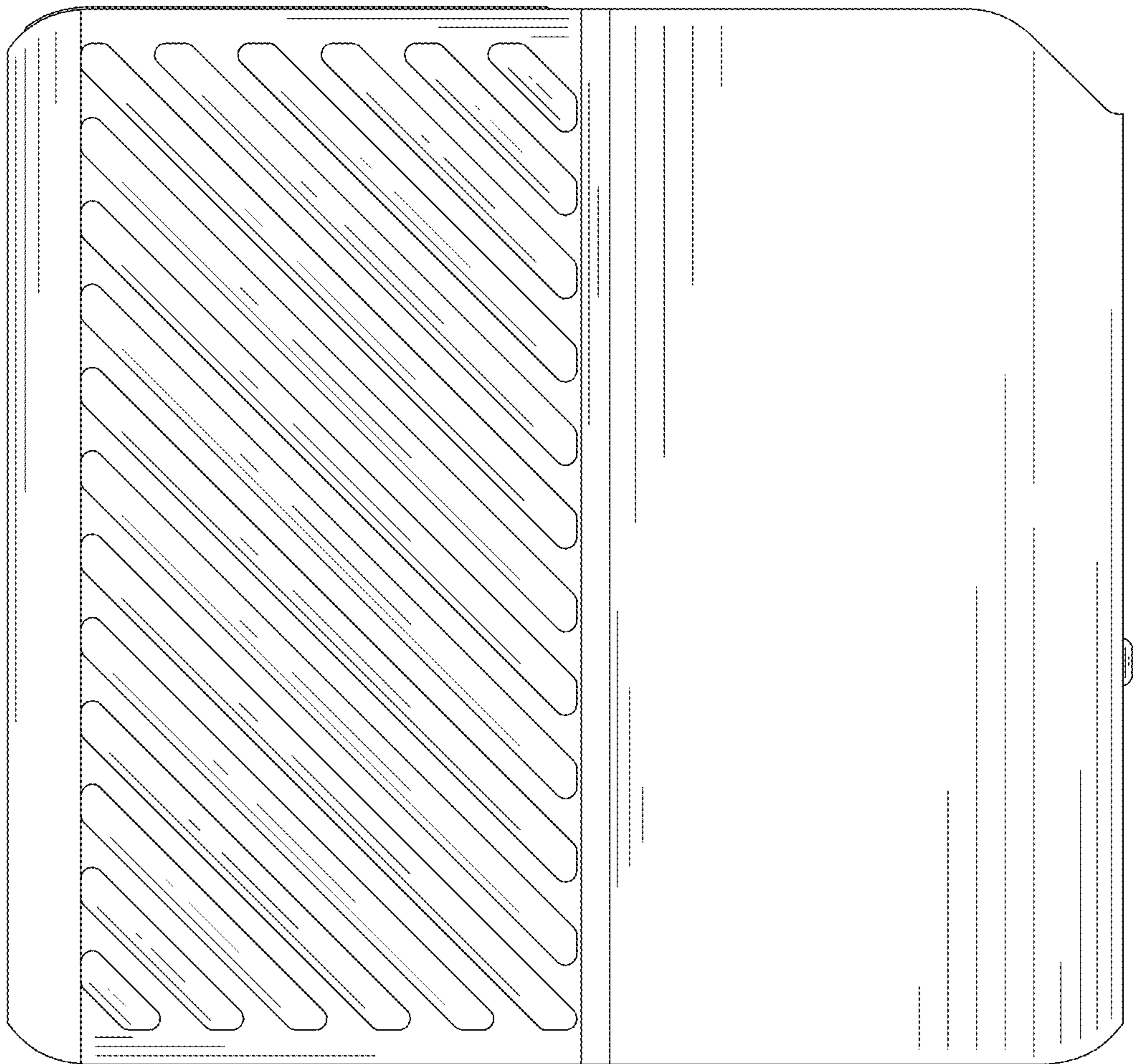


FIG. 20

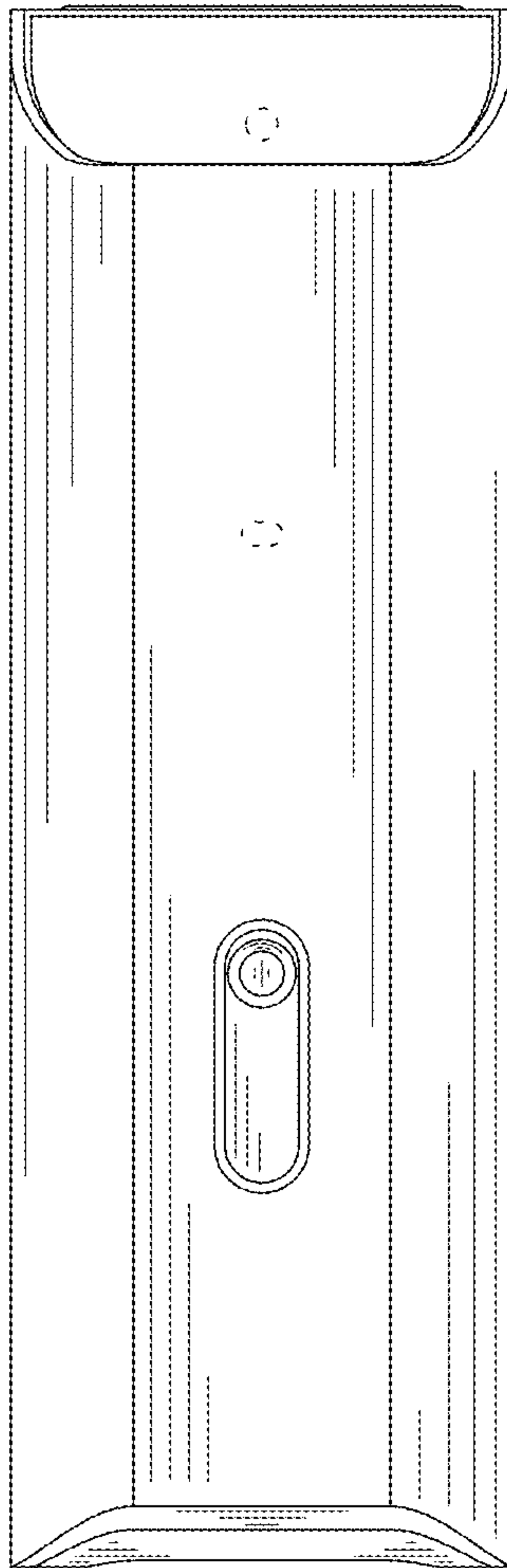


FIG. 21

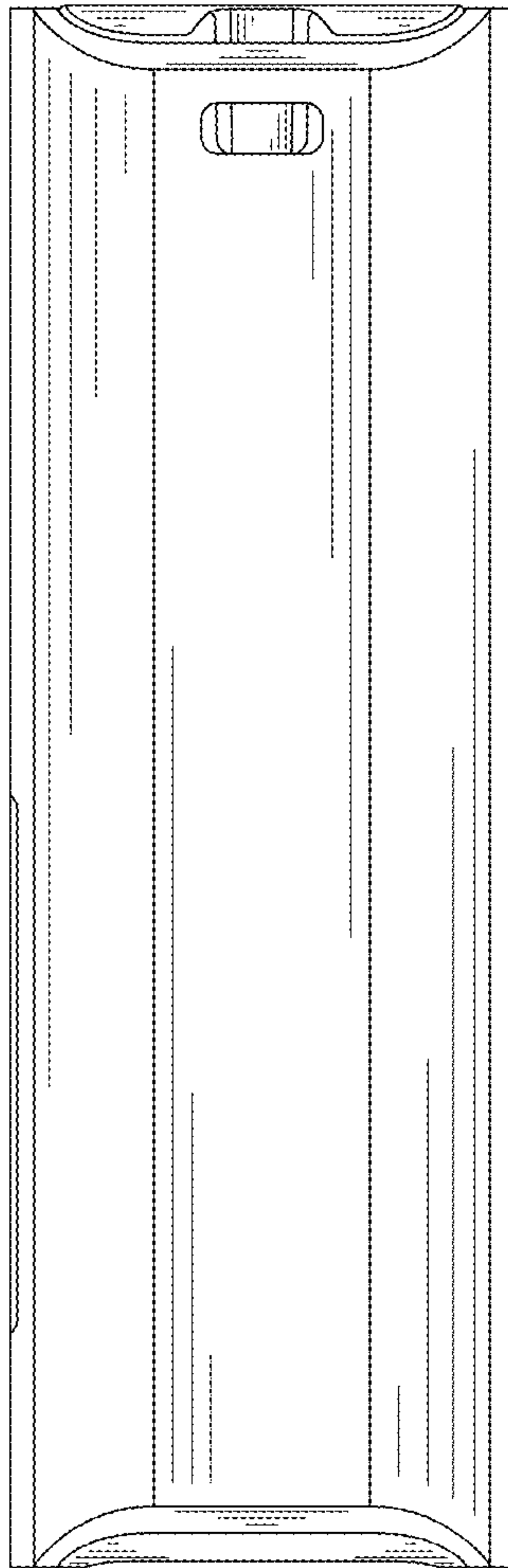


FIG. 22

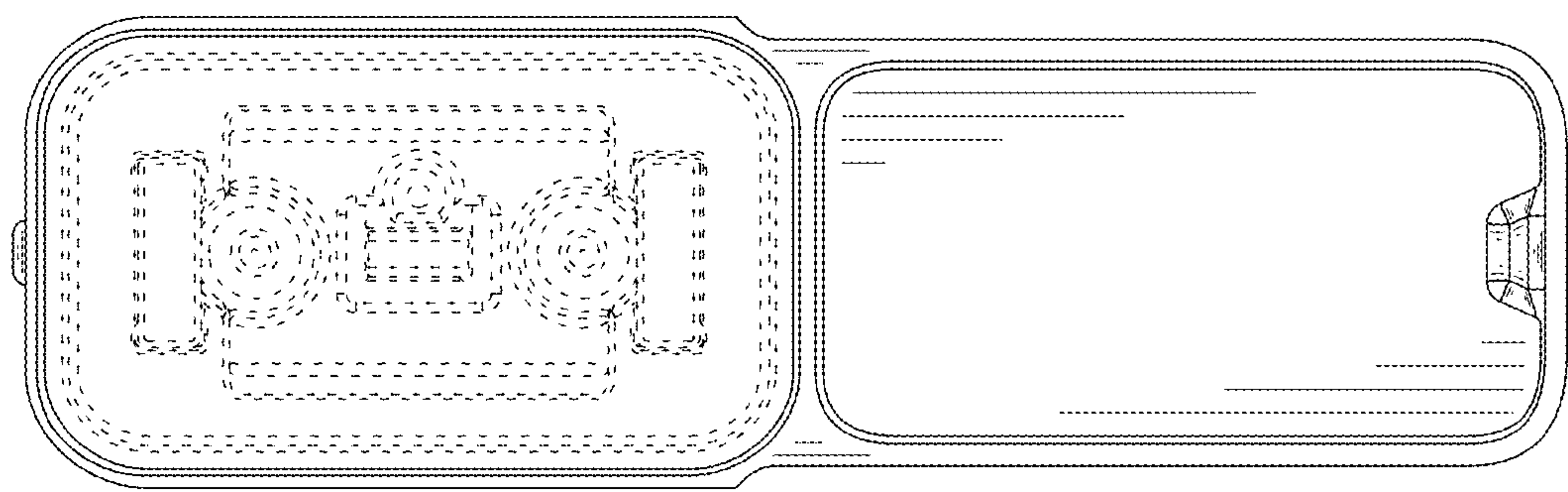


FIG. 23

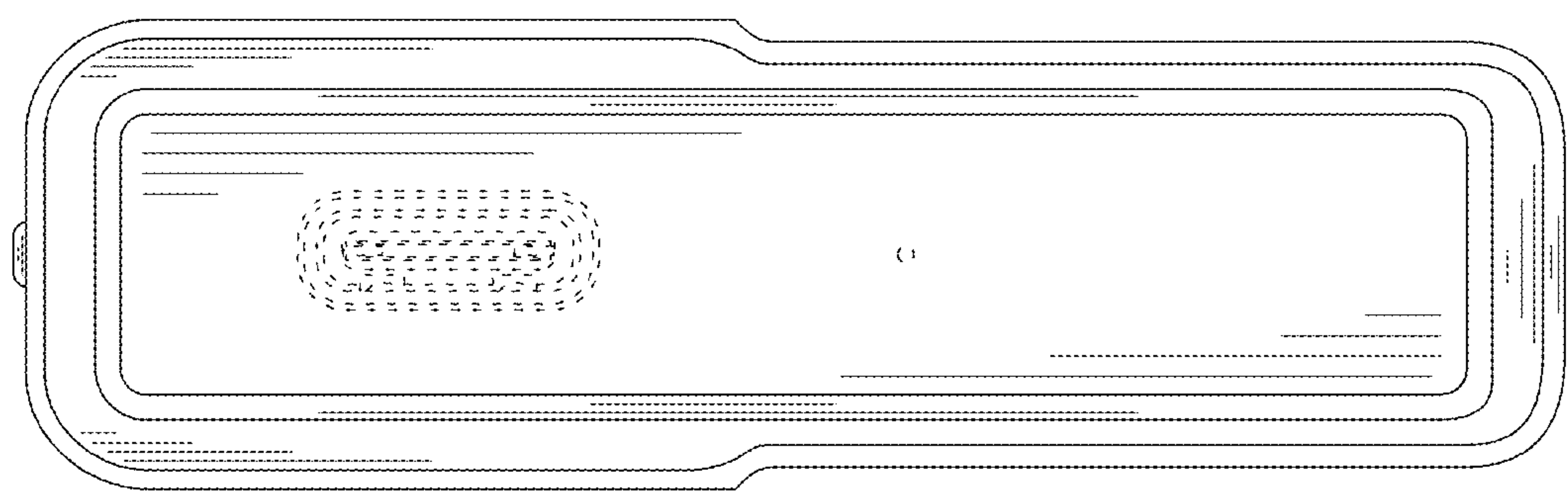


FIG. 24

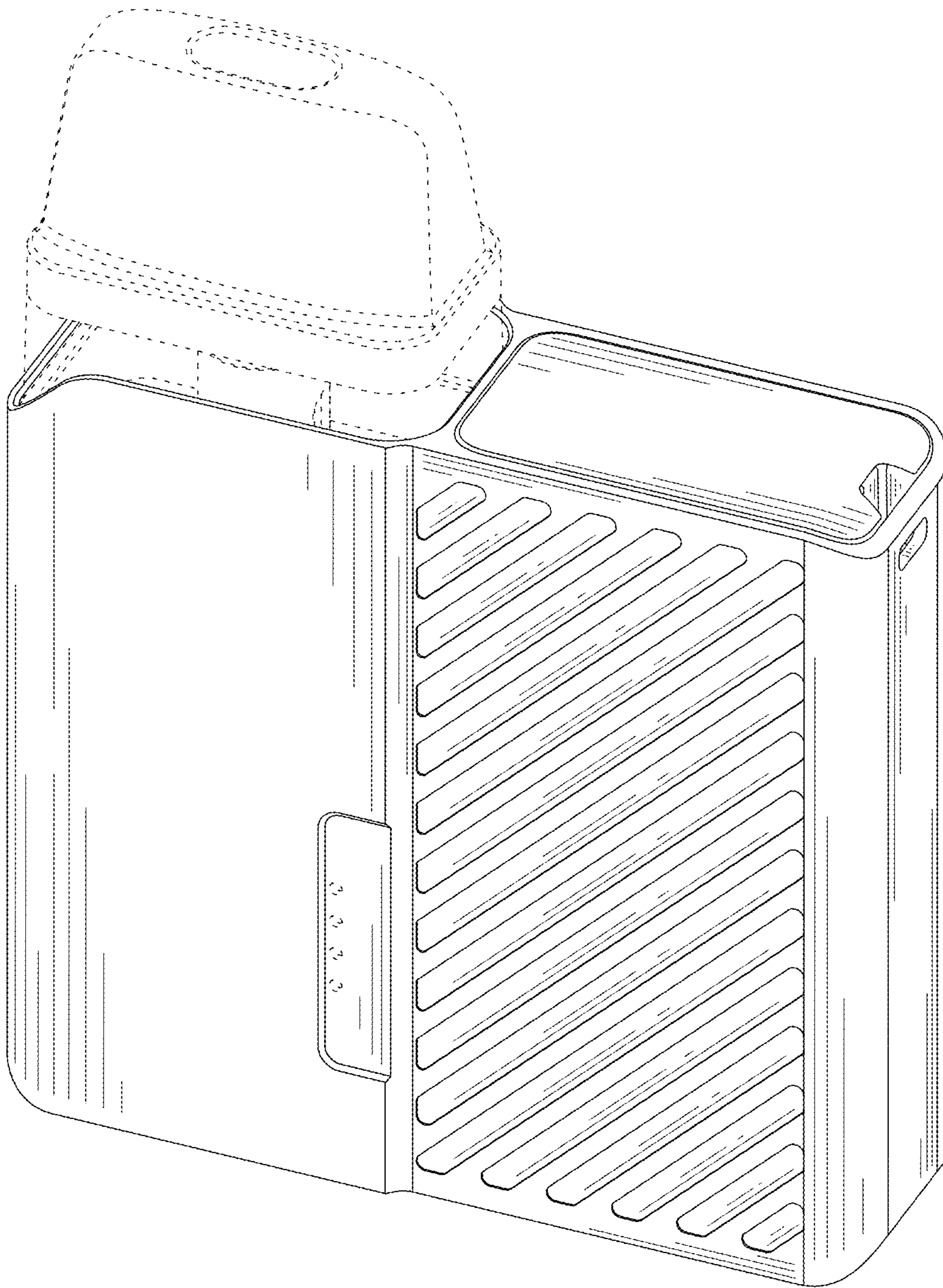


FIG. 25

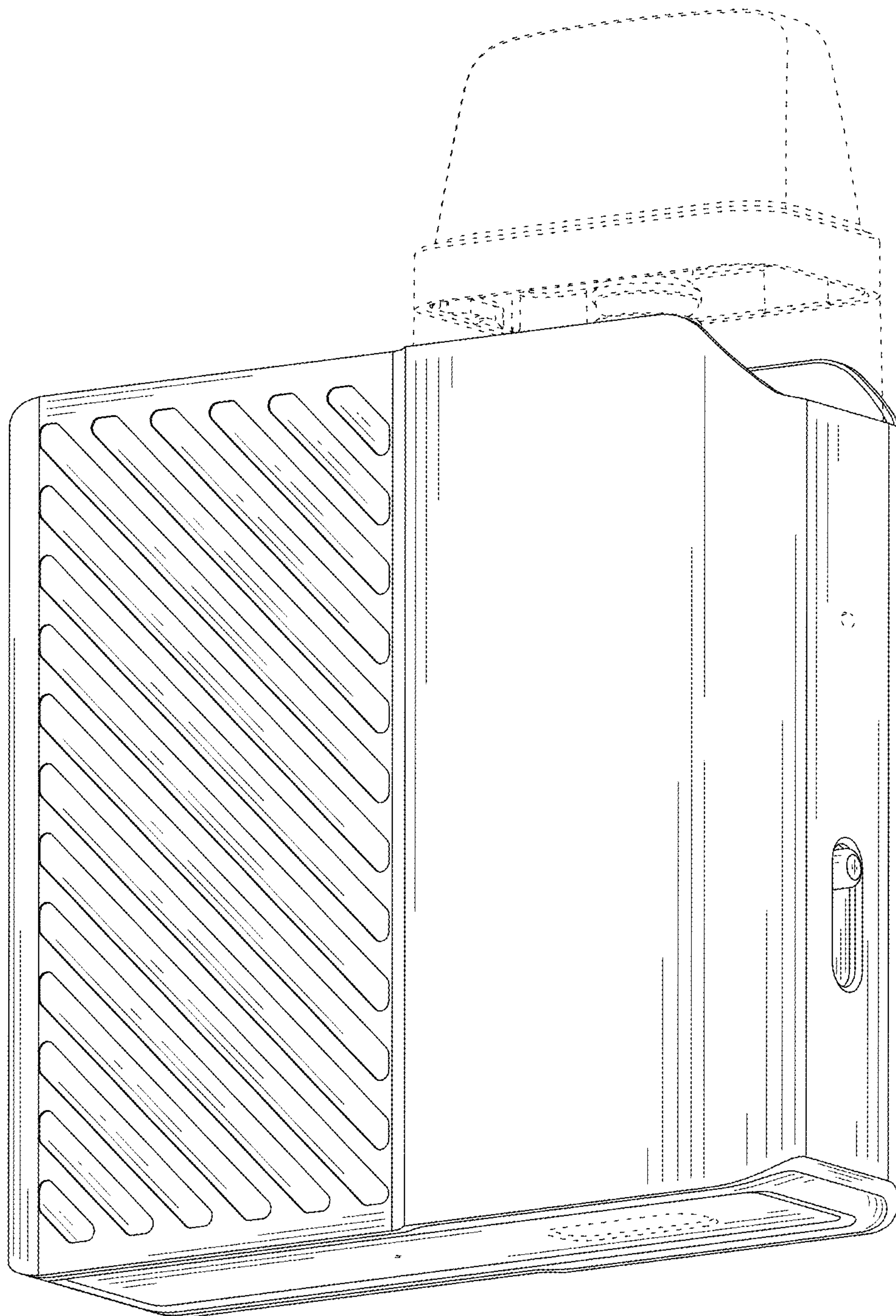


FIG. 26

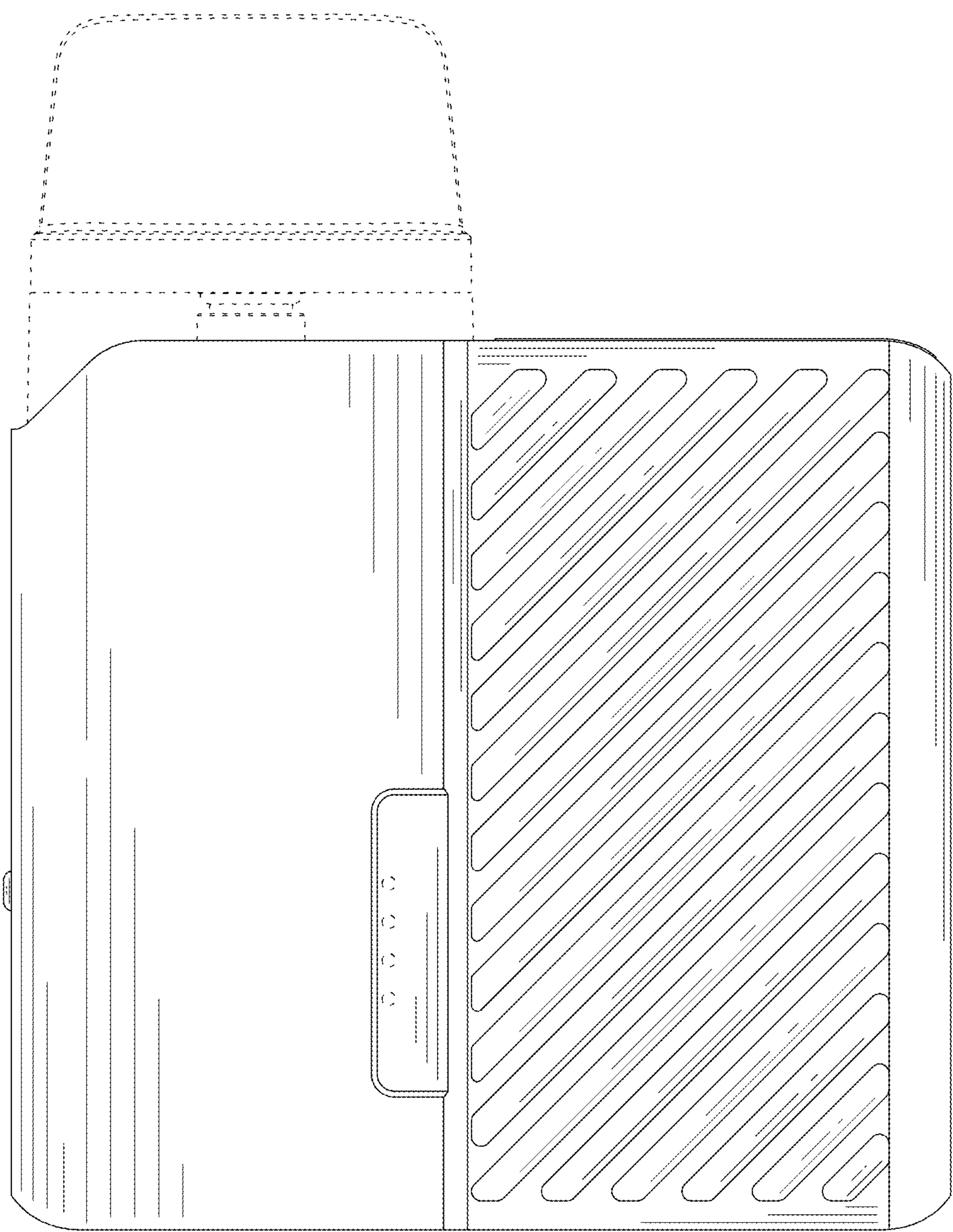


FIG. 27

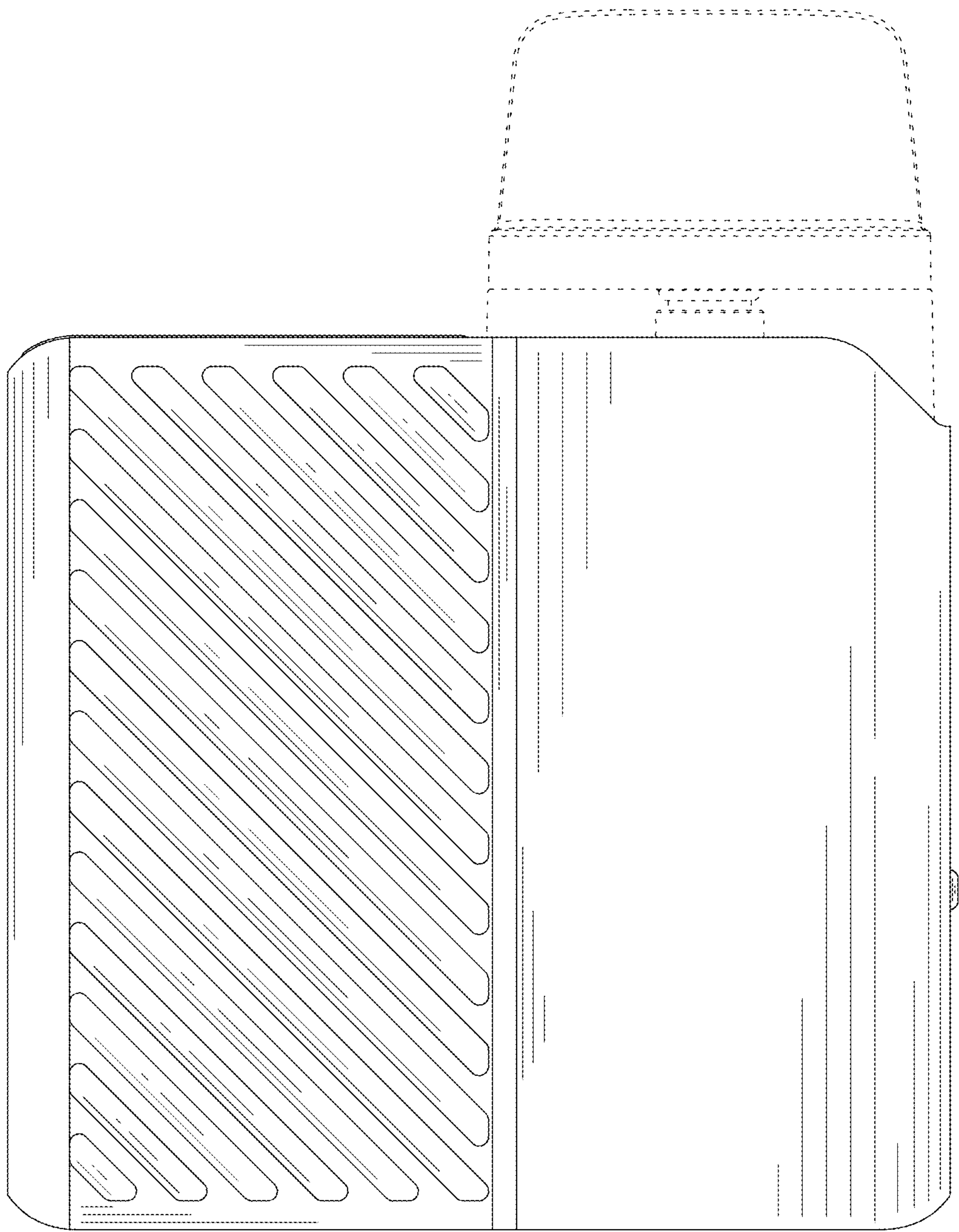


FIG. 28

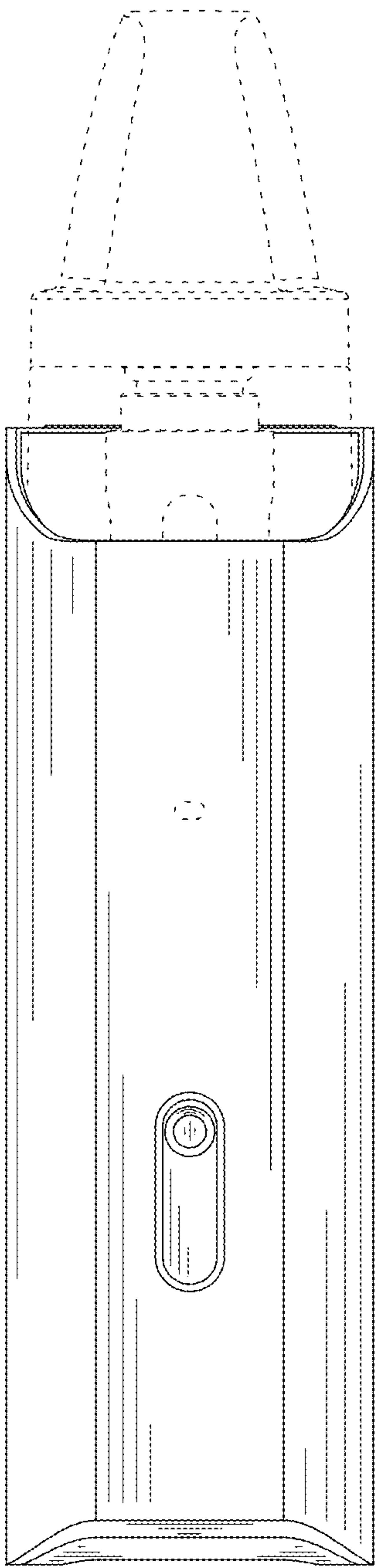


FIG. 29

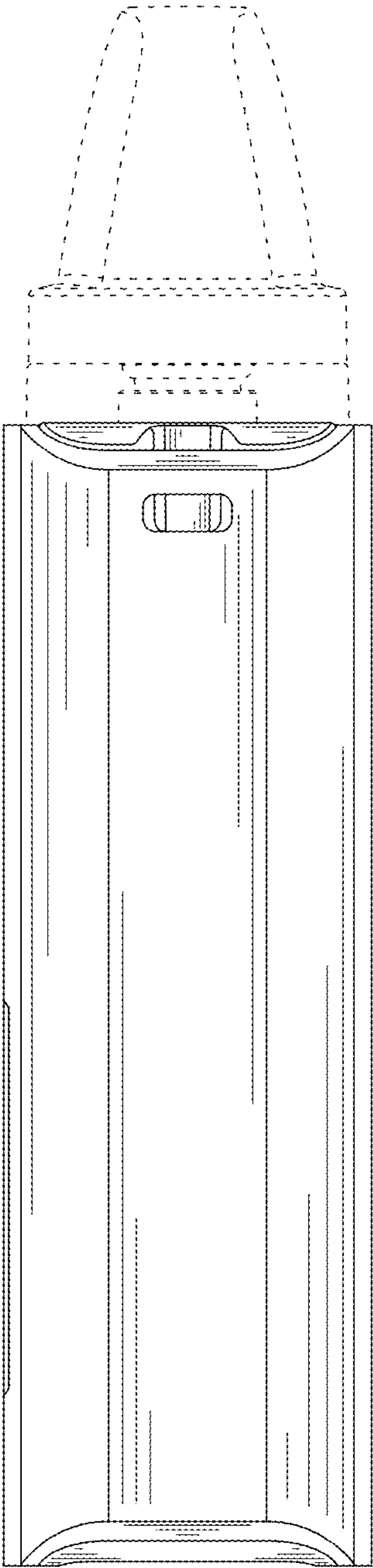


FIG. 30

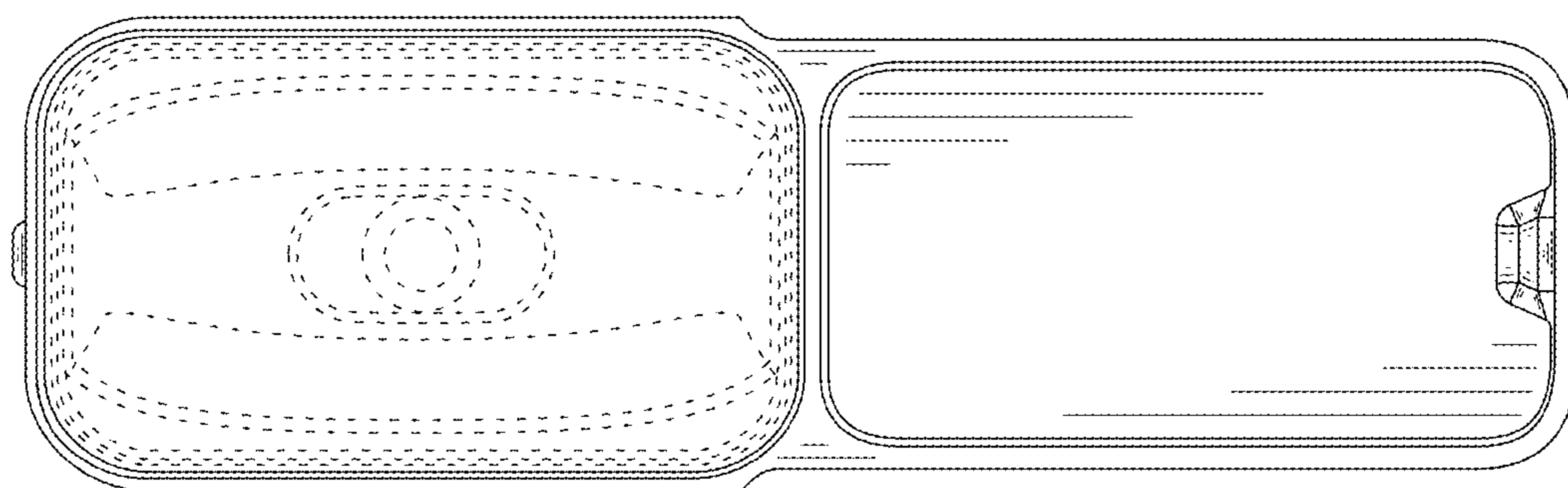


FIG. 31

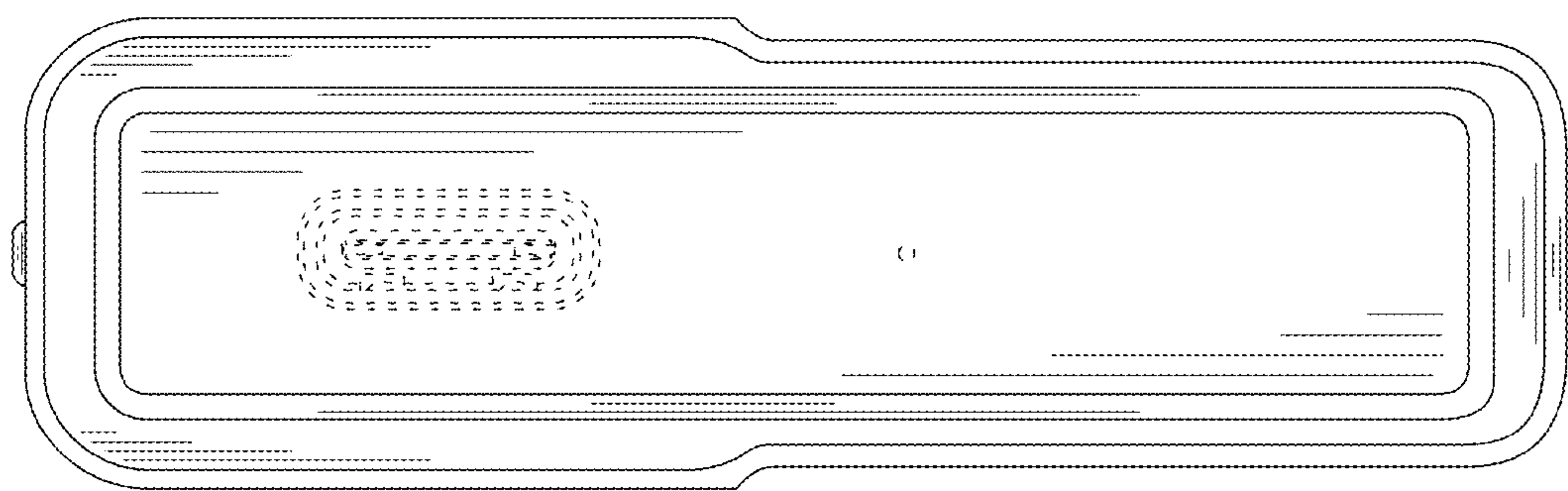


FIG. 32

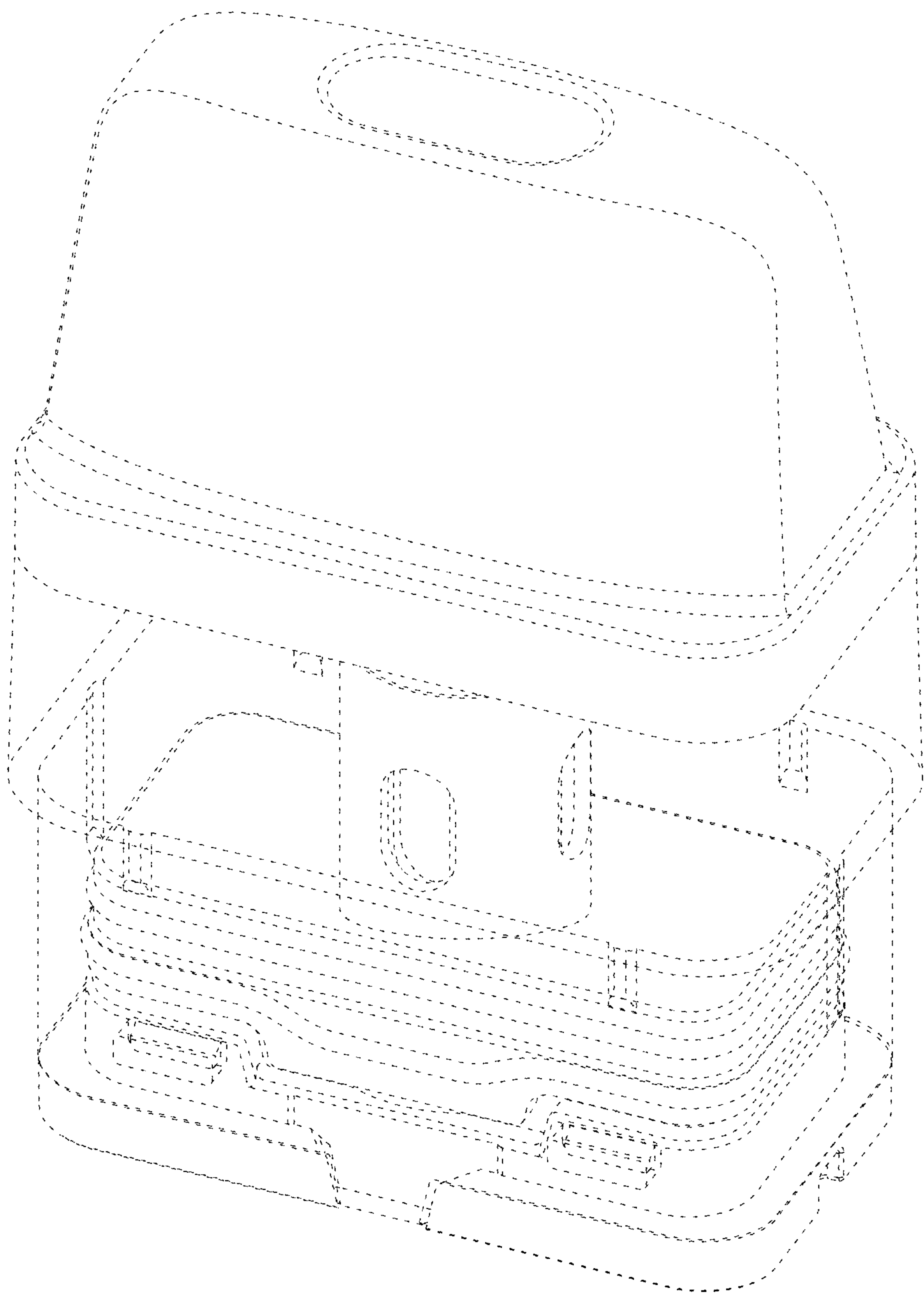


FIG. 33

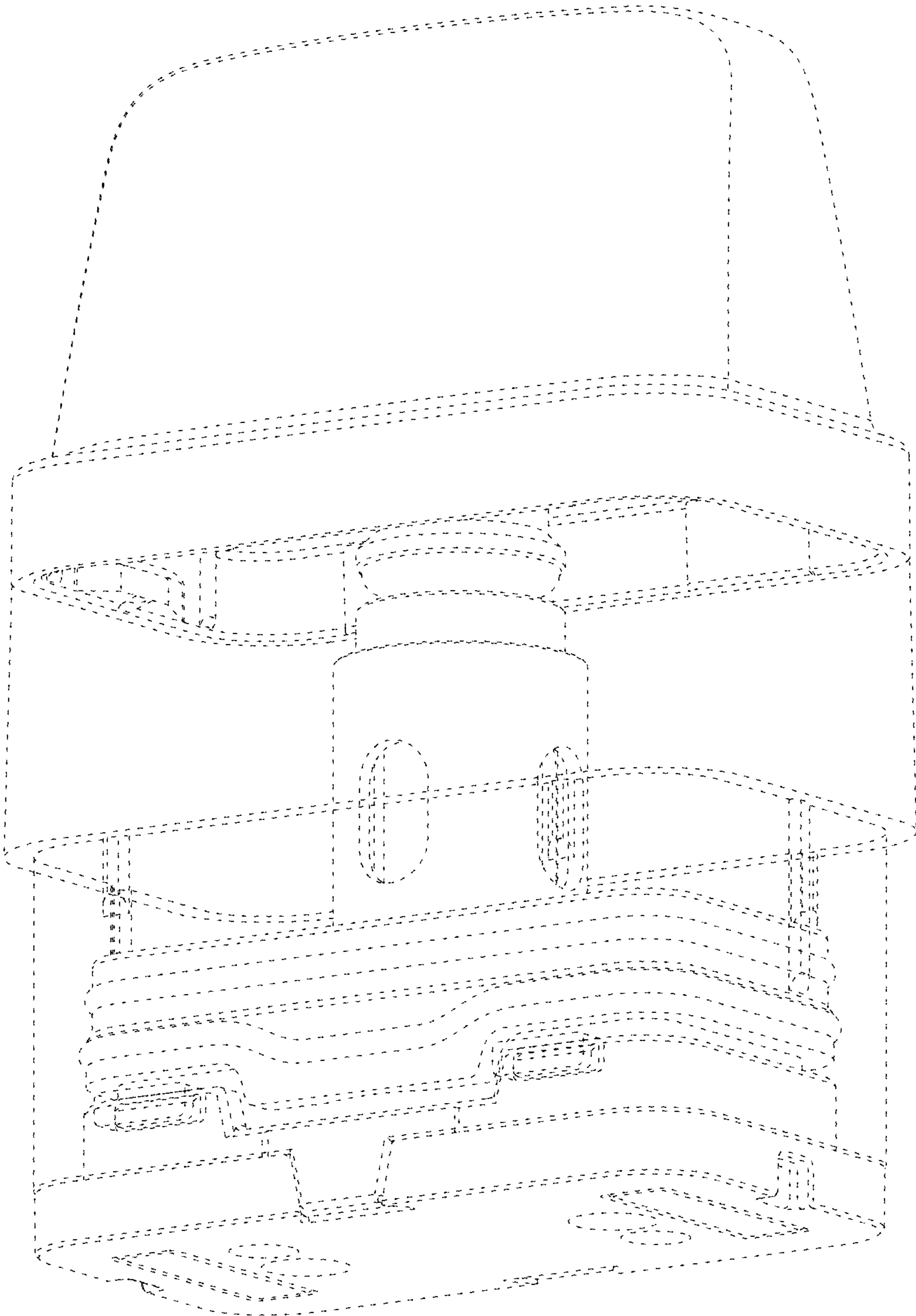


FIG. 34

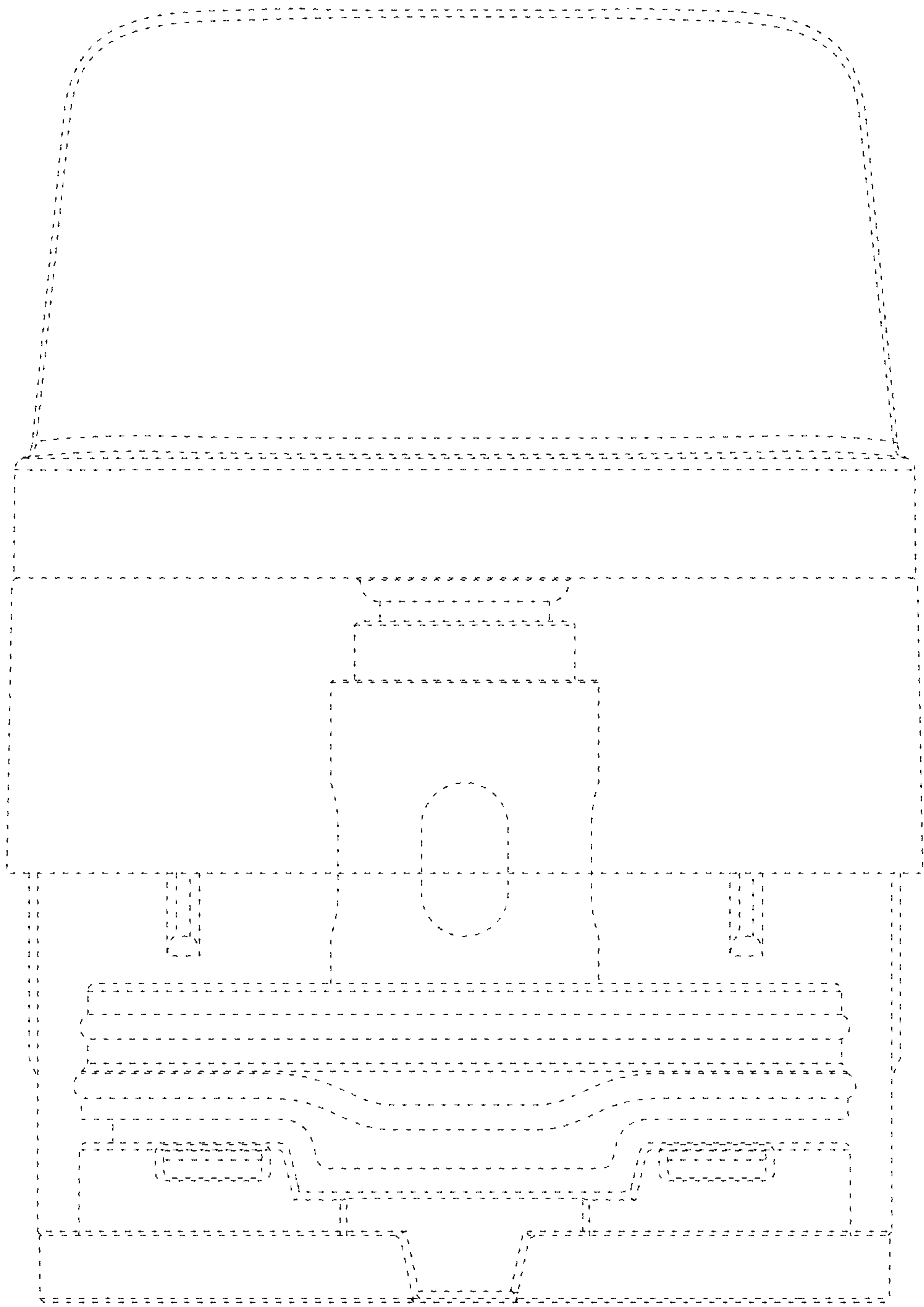


FIG. 35

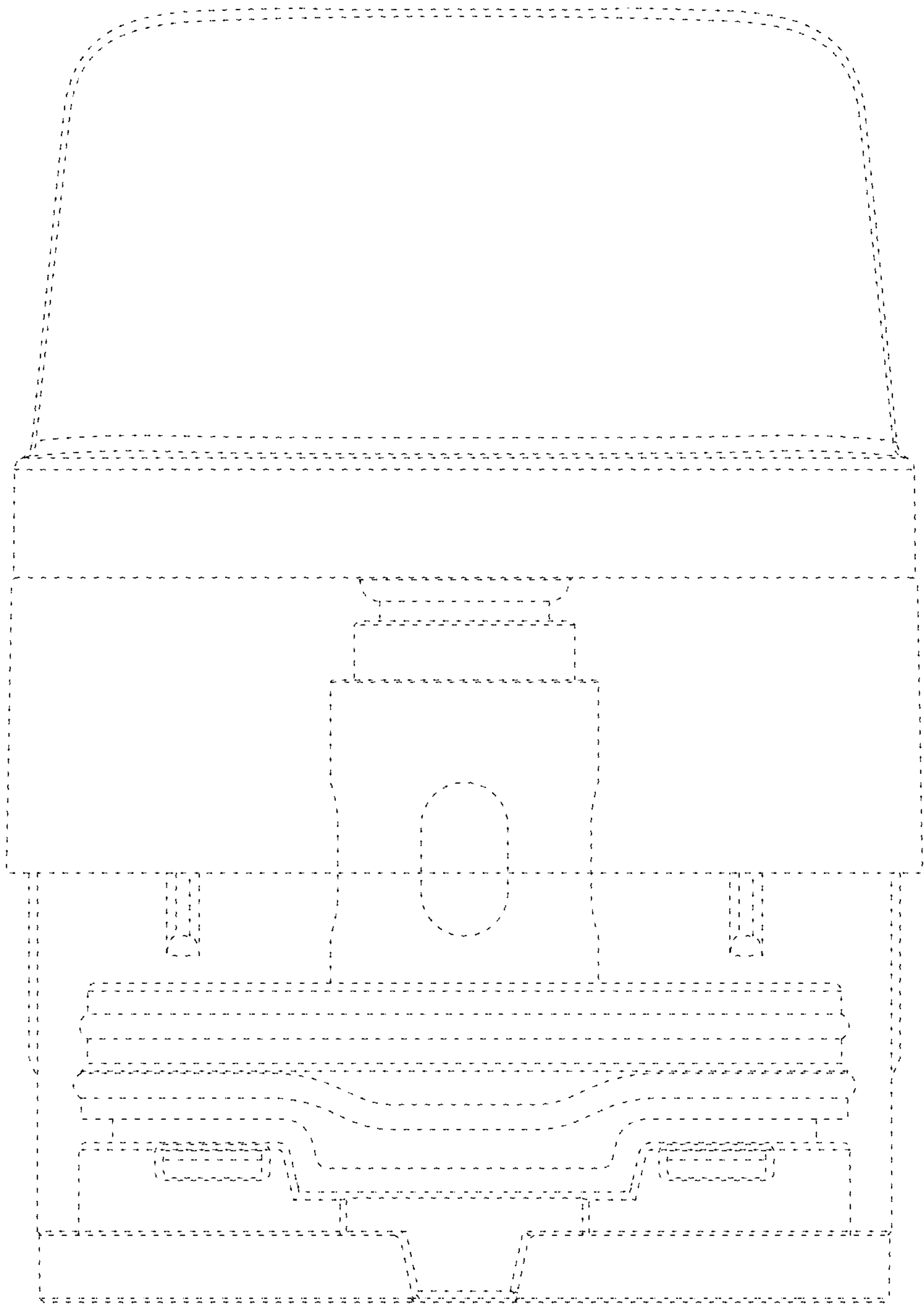


FIG. 36

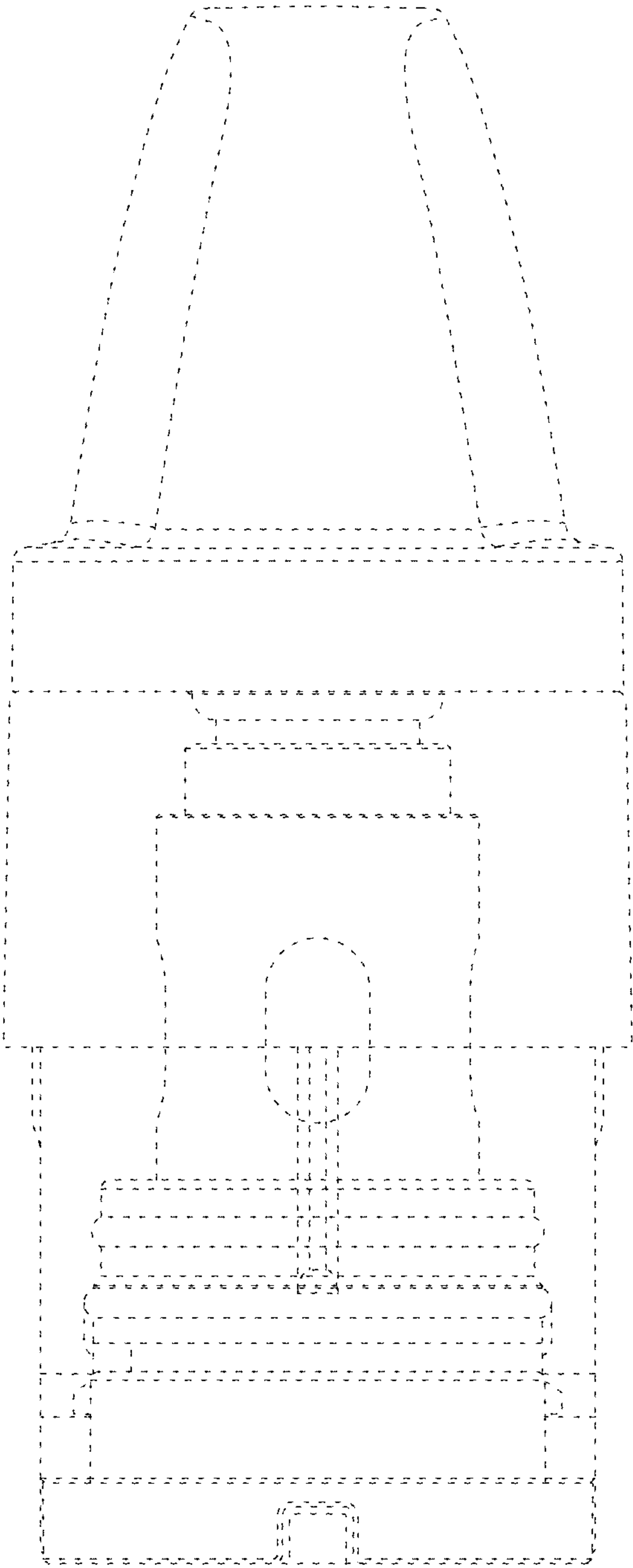


FIG. 37

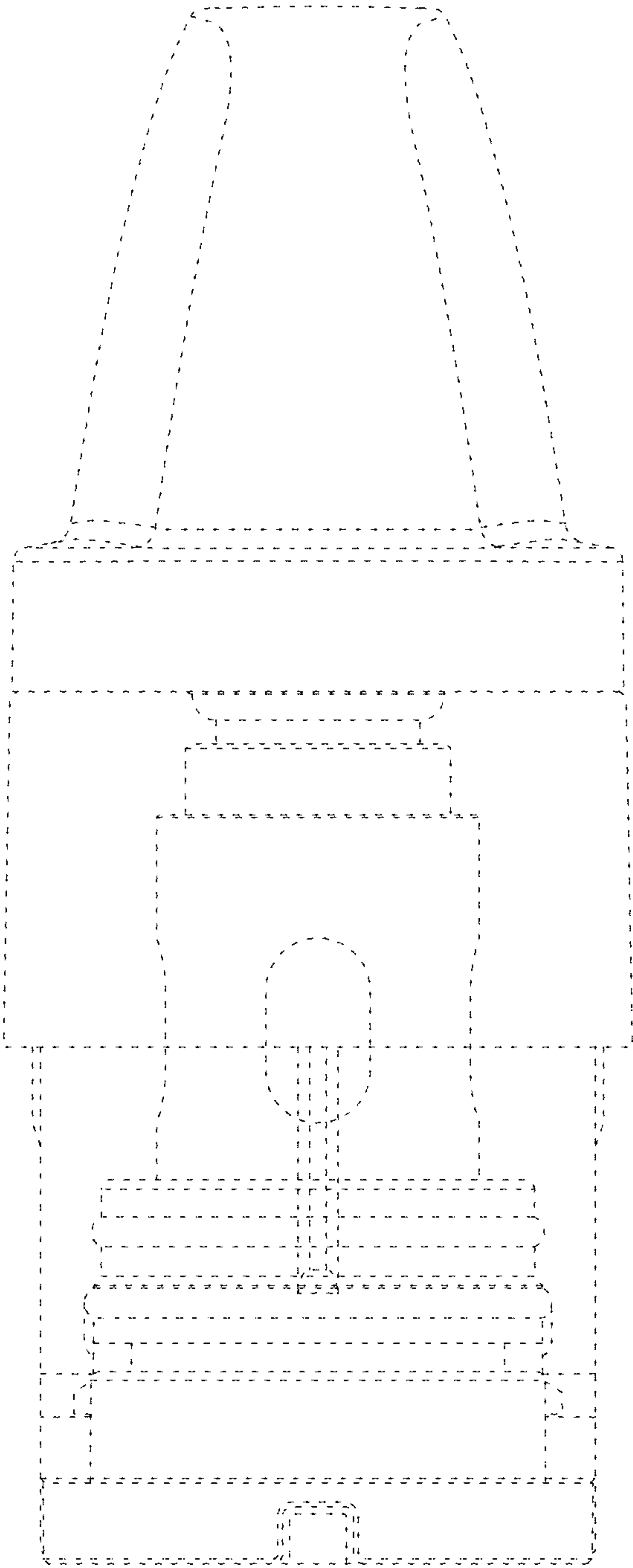


FIG. 38

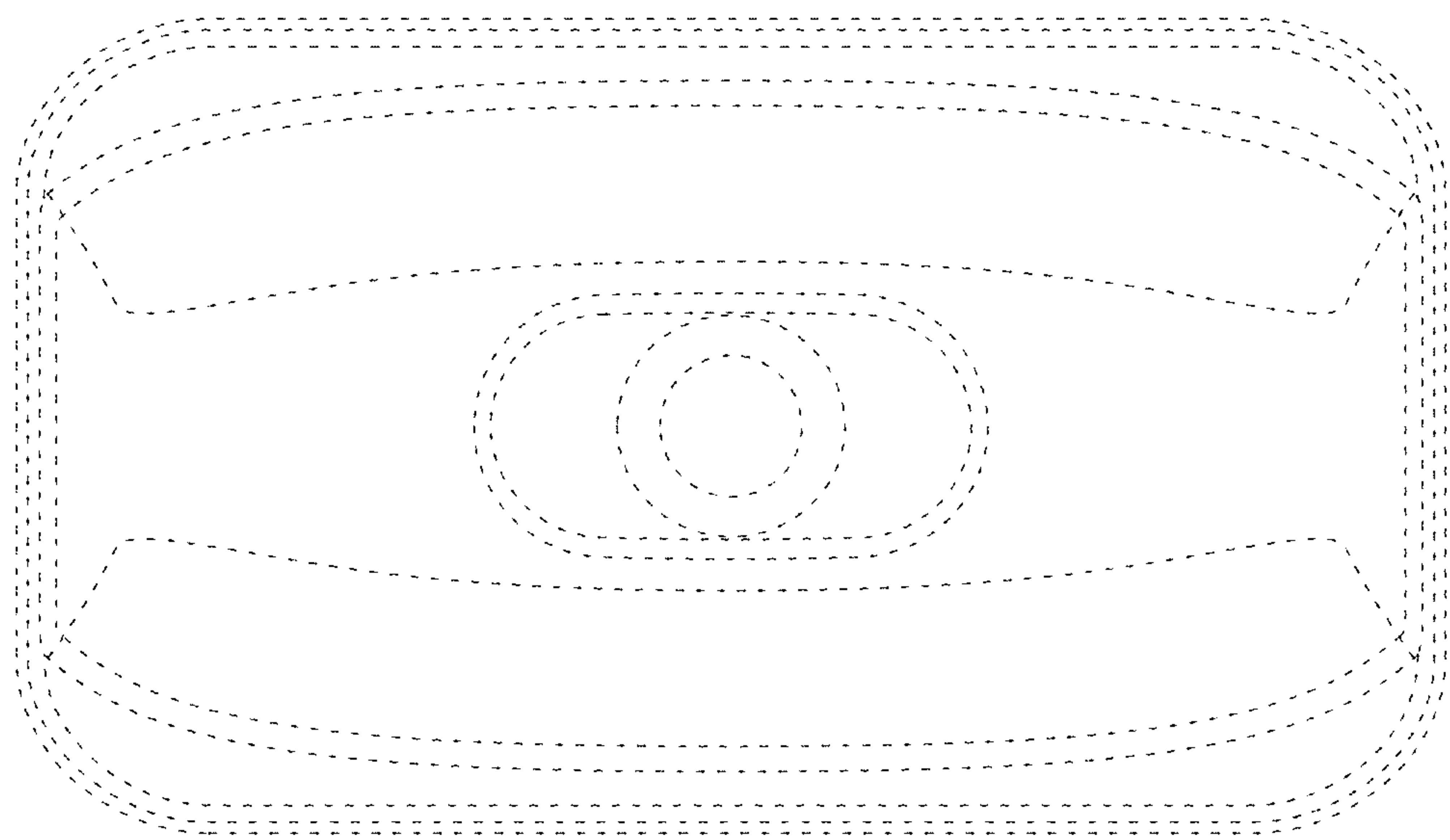


FIG. 39

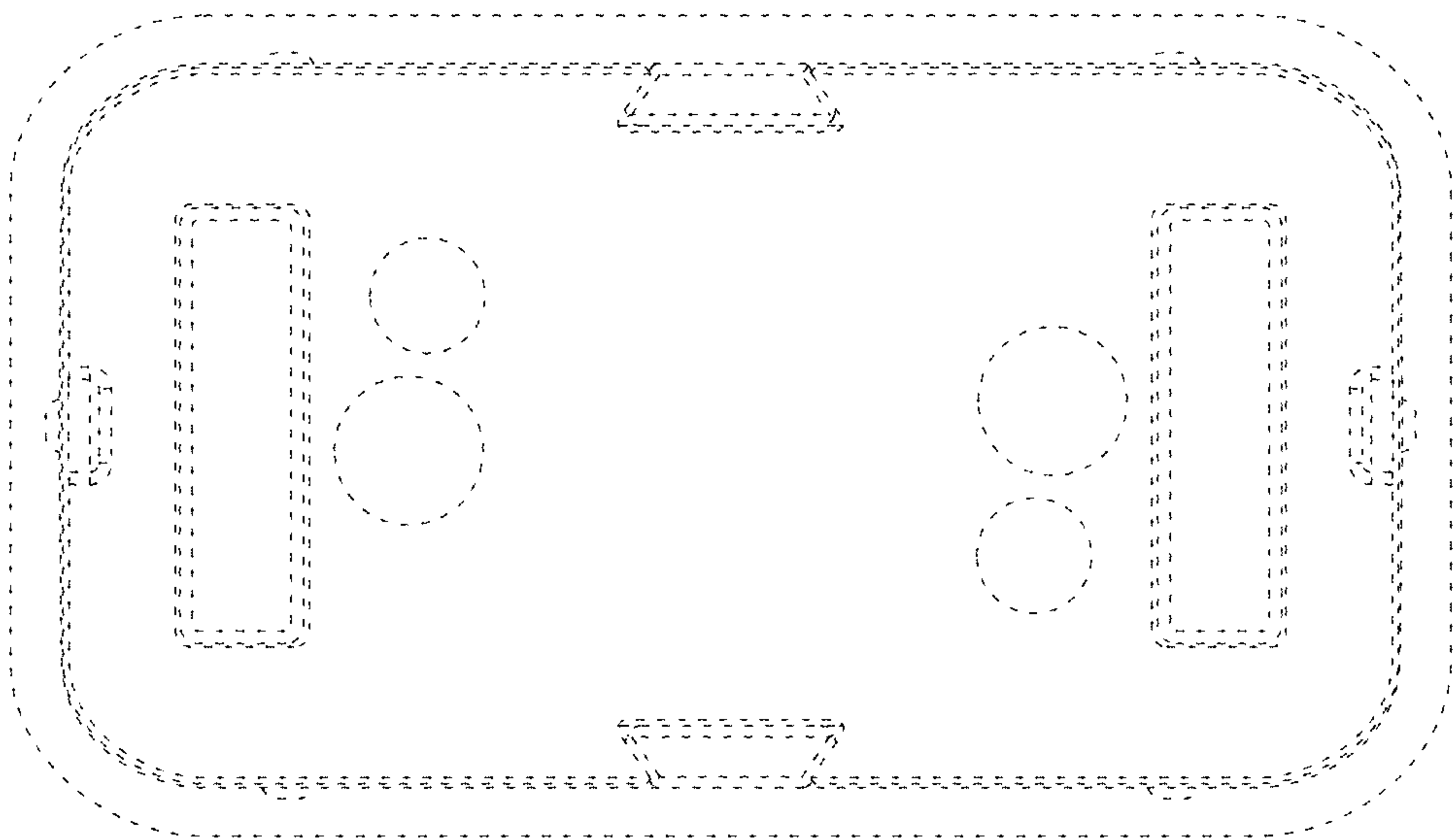


FIG. 40