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(12)

United States Design Patent

Lai et al.

(10)

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US D1,048,541 S

(45)

Date of Patent:

** Oct. 22, 2024

(54) ELECTRONIC ATOMIZING DEVICE

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(73) Assignee: SHENZHEN SMOORE TECHNOLOGY LIMITED, Shenzhen (CN)

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(Continued)

(**) Term: 15 Years

Primary Examiner — Marissa J. Cash
Assistant Examiner — William B Melliar

(21) Appl. No.: 29/862,608

(57) CLAIM

(22) Filed: Dec. 12, 2022

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

Related U.S. Application Data

(63) Continuation of application No. 29/754,997, filed on Oct. 16, 2020, now abandoned, which is a
(Continued)

DESCRIPTION

(30) Foreign Application Priority Data

Dec. 6, 2019 (CN) 201930682449.4
(51) LOC (14) Cl. 27-07
(52) U.S. Cl. D27/162
USPC
(58) Field of Classification Search
USPC D27/162, 100, 101, 163–165, 172, 183,
D27/185–192, 194; D23/356, 366
(Continued)

FIG. 1 is a perspective view of an electronic atomizing device shown in an assembled configuration of use according to a first embodiment;
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 an enlarged top plan view thereof;
FIG. 8 is an enlarged bottom plan view thereof;
FIG. 9 is an enlarged perspective view of an electronic atomizing device showing a first component 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;
(Continued)

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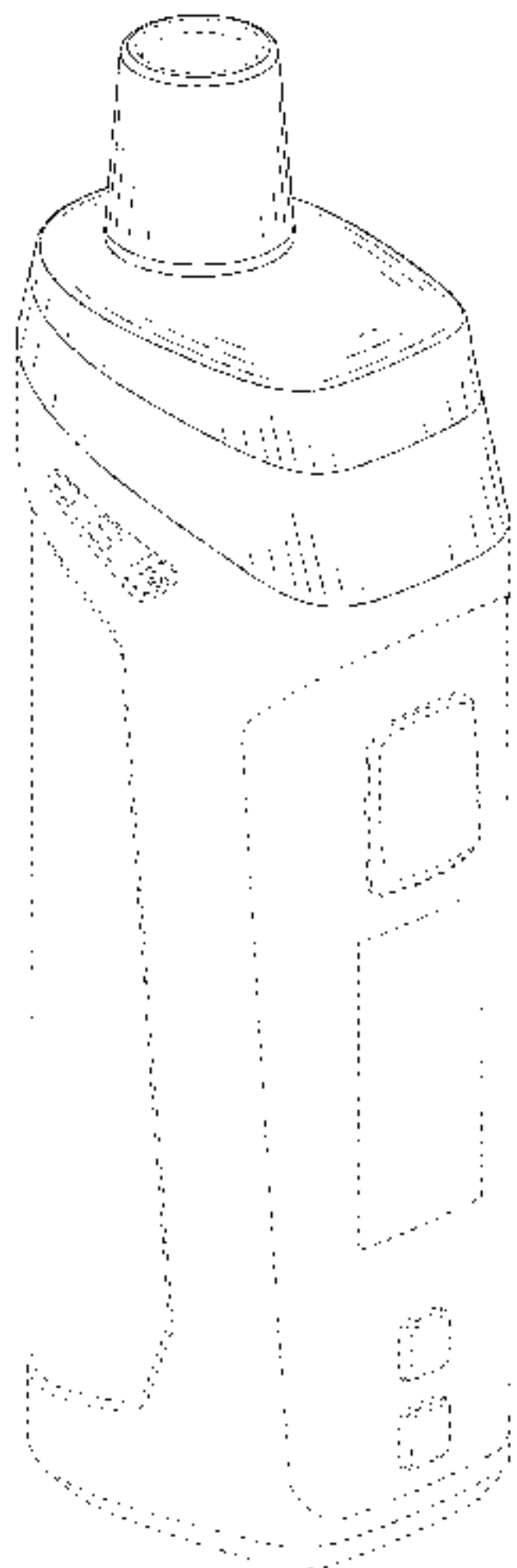


FIG. 17 is an enlarged perspective view of an electronic atomizing device showing a second component removed from the assembly in FIGS. 1-8 for clarity of disclosure; FIG. 18 is another enlarged perspective view thereof; FIG. 19 is an enlarged front elevational view thereof; FIG. 20 is an enlarged rear elevational view thereof; FIG. 21 is an enlarged left side elevational view thereof; FIG. 22 is an enlarged right side elevational view thereof; FIG. 23 is an enlarged top plan view thereof; FIG. 24 is an enlarged bottom plan view thereof; FIG. 25 is a perspective view of an electronic atomizing device shown in an assembled configuration of use according to a second embodiment; 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 an enlarged top plan view thereof; FIG. 32 is an enlarged bottom plan view thereof; FIG. 33 is an enlarged perspective view of an electronic atomizing device showing a first component 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 that form no part of the claimed design.

1 Claim, 40 Drawing Sheets

Related U.S. Application Data

continuation of application No. 29/736,757, filed on Jun. 2, 2020, now Pat. No. Des. 950,144.

(58) Field of Classification Search

CPC A24F 40/10; A24F 40/46; A24F 40/40; A24F 40/42; A24F 15/015; A24F 40/05; A24F 7/00; A24F 47/00; A24F 1/00; A24F 40/00; A61M 15/06; A61M 11/042; A61M 2205/8206; A61M 15/0021; A61M 11/00; A61M 11/041

See application file for complete search history.

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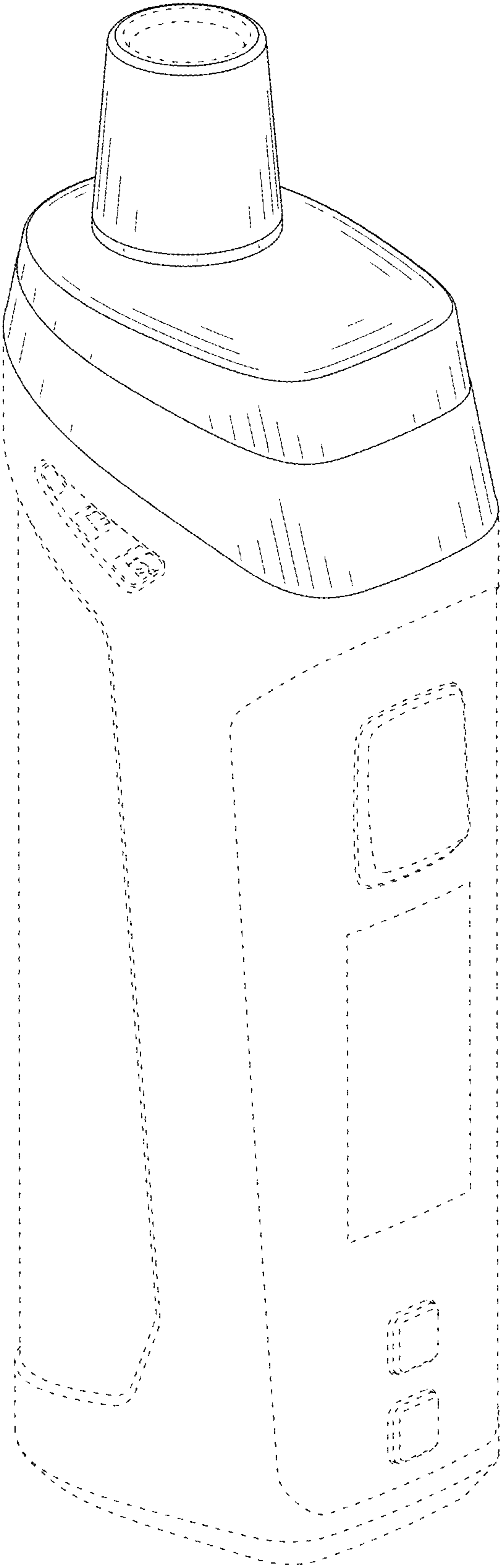


FIG. 1

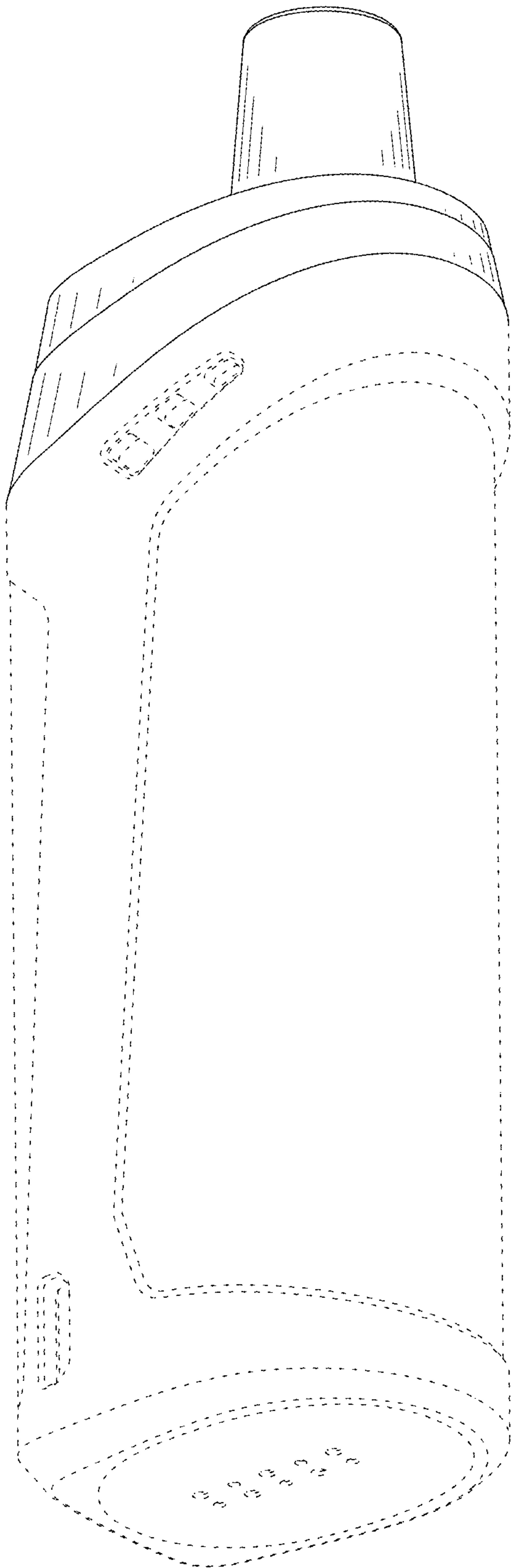


FIG. 2

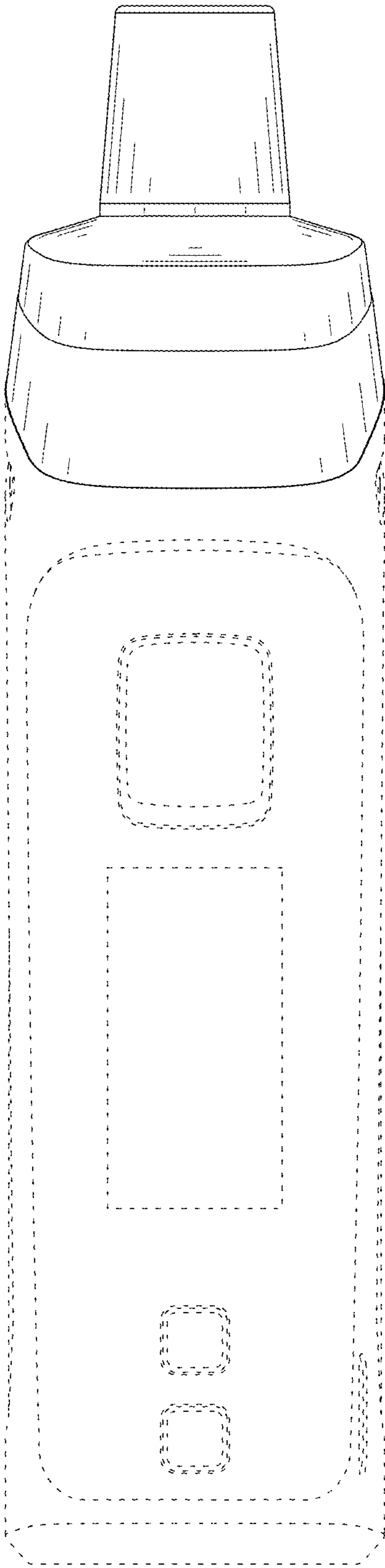


FIG. 3

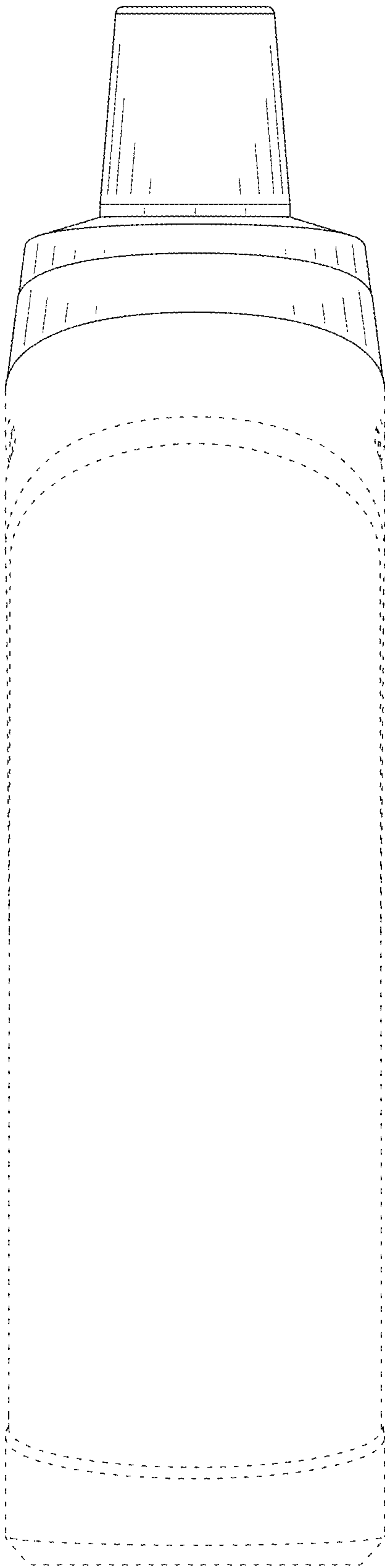


FIG. 4

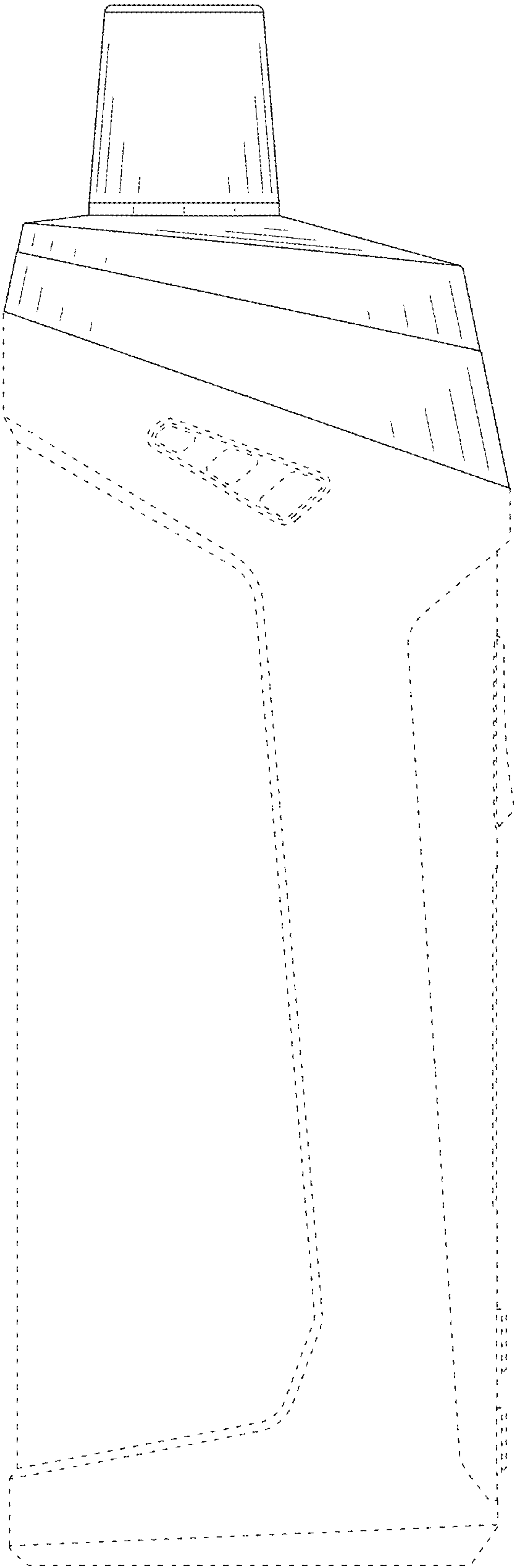


FIG. 5

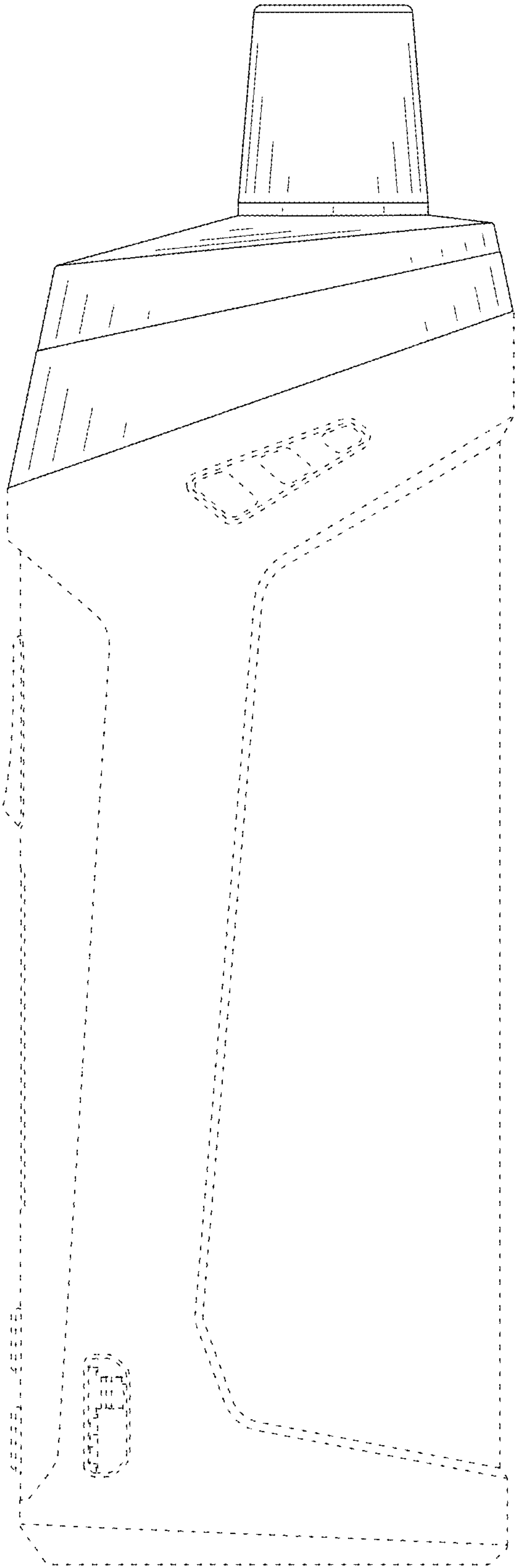


FIG. 6

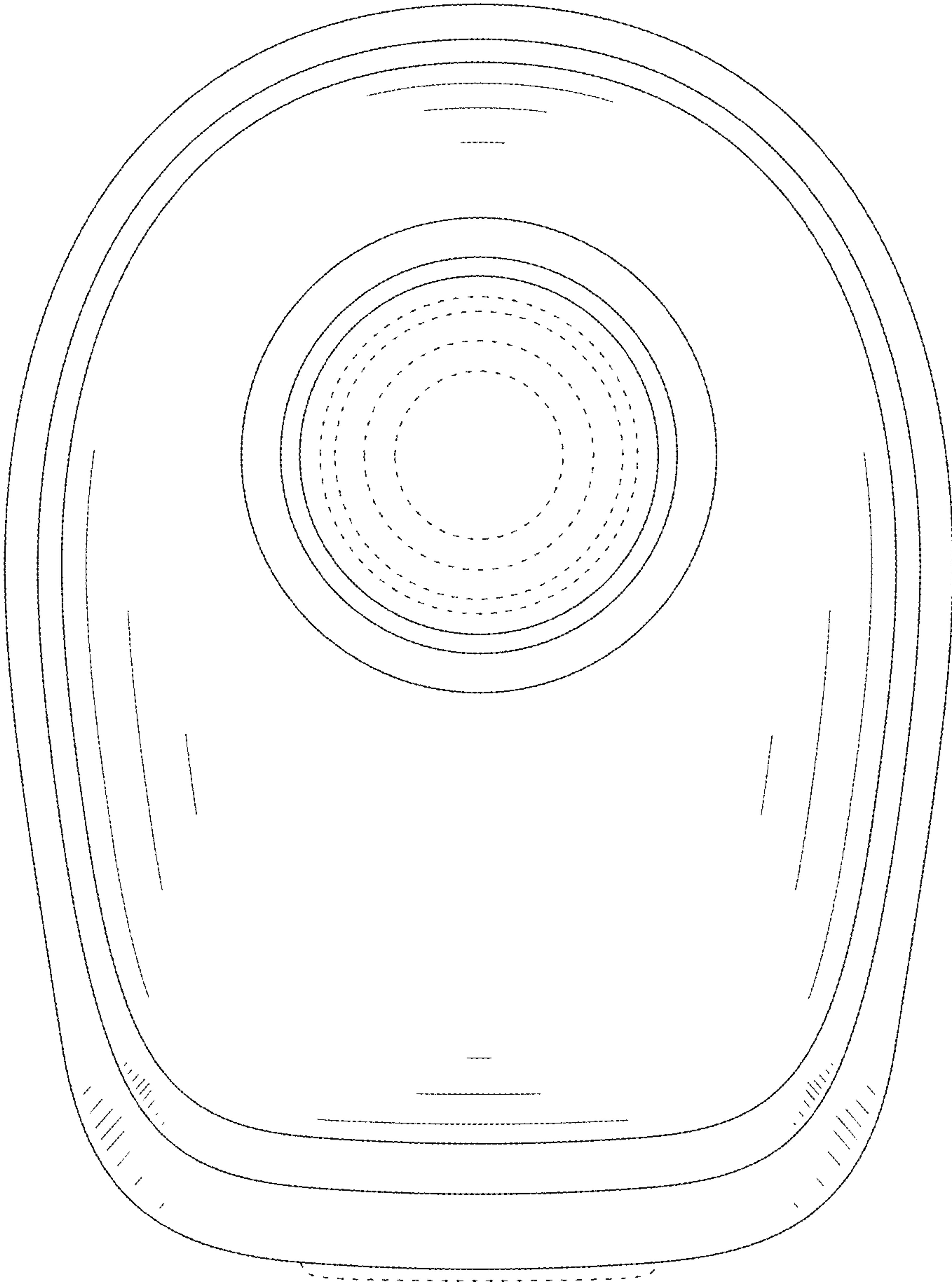


FIG. 7

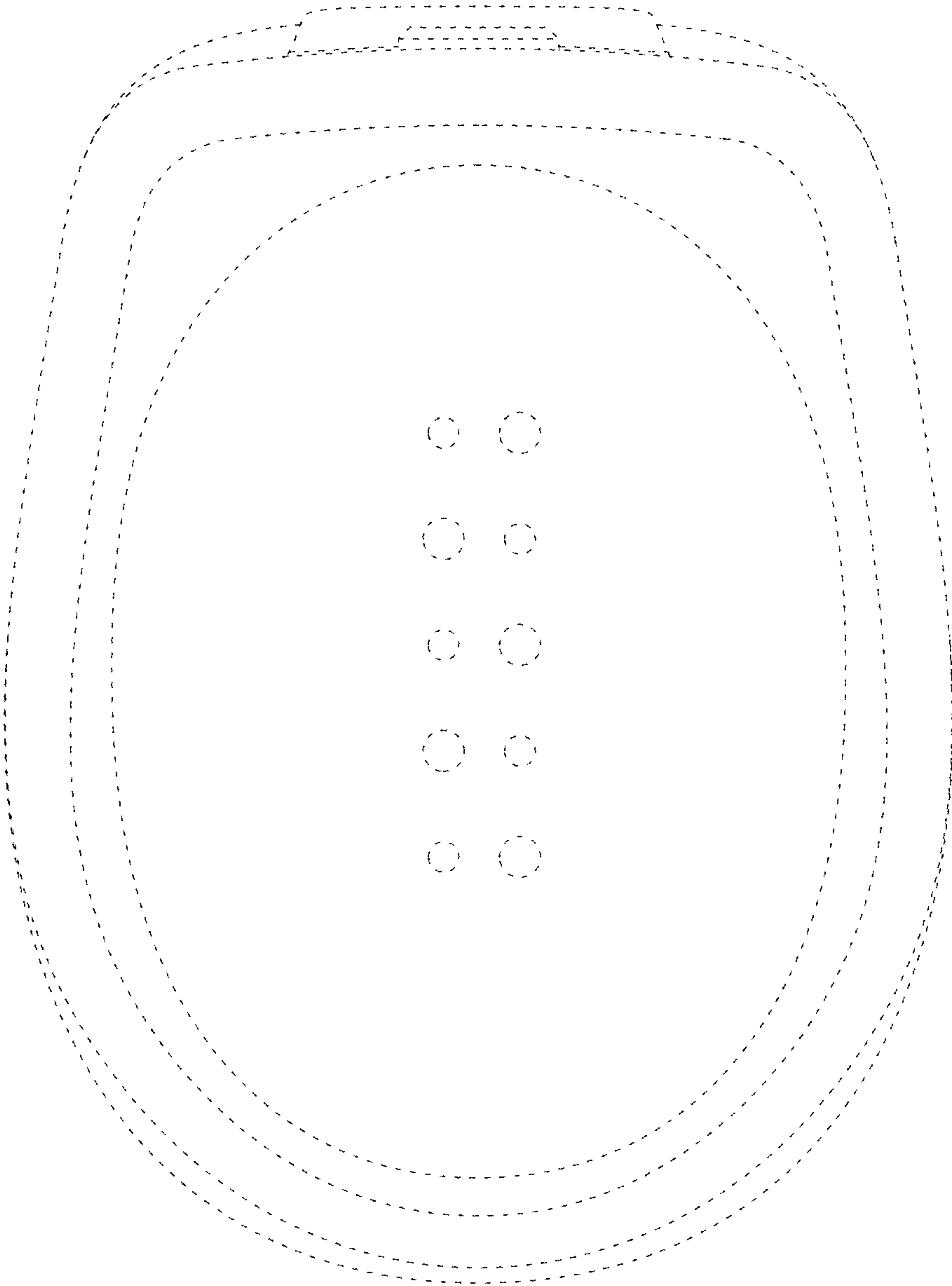


FIG. 8

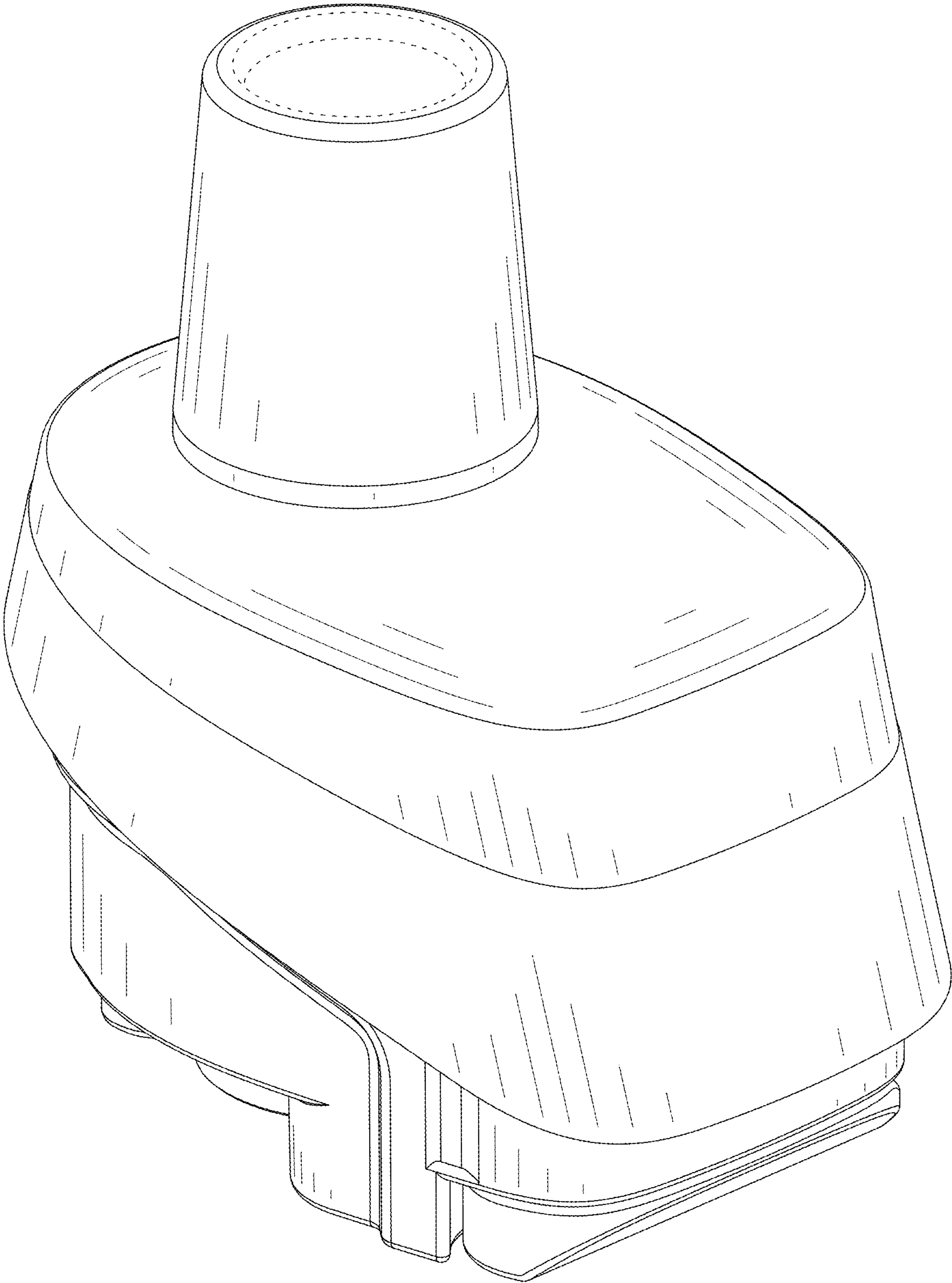


FIG. 9

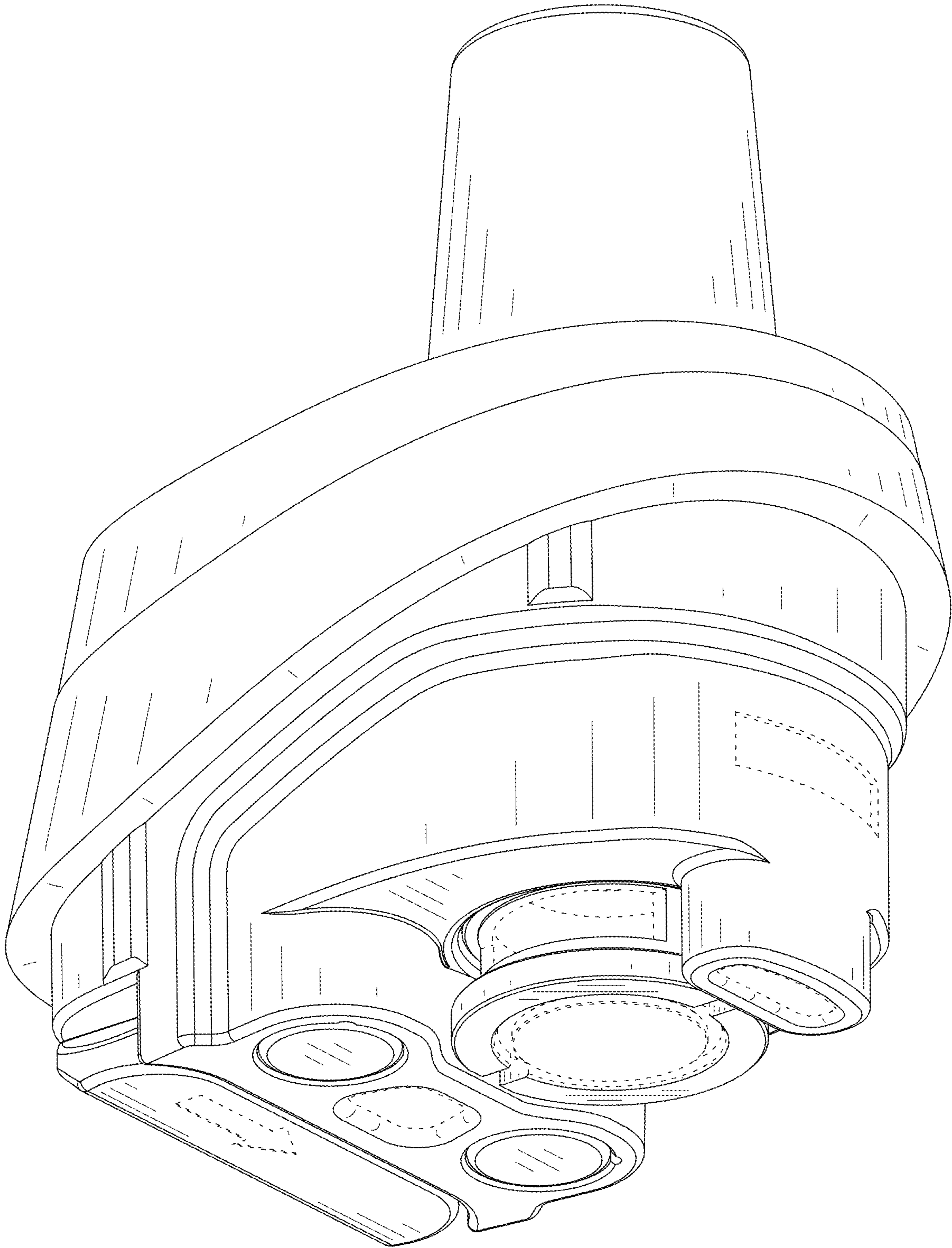


FIG. 10

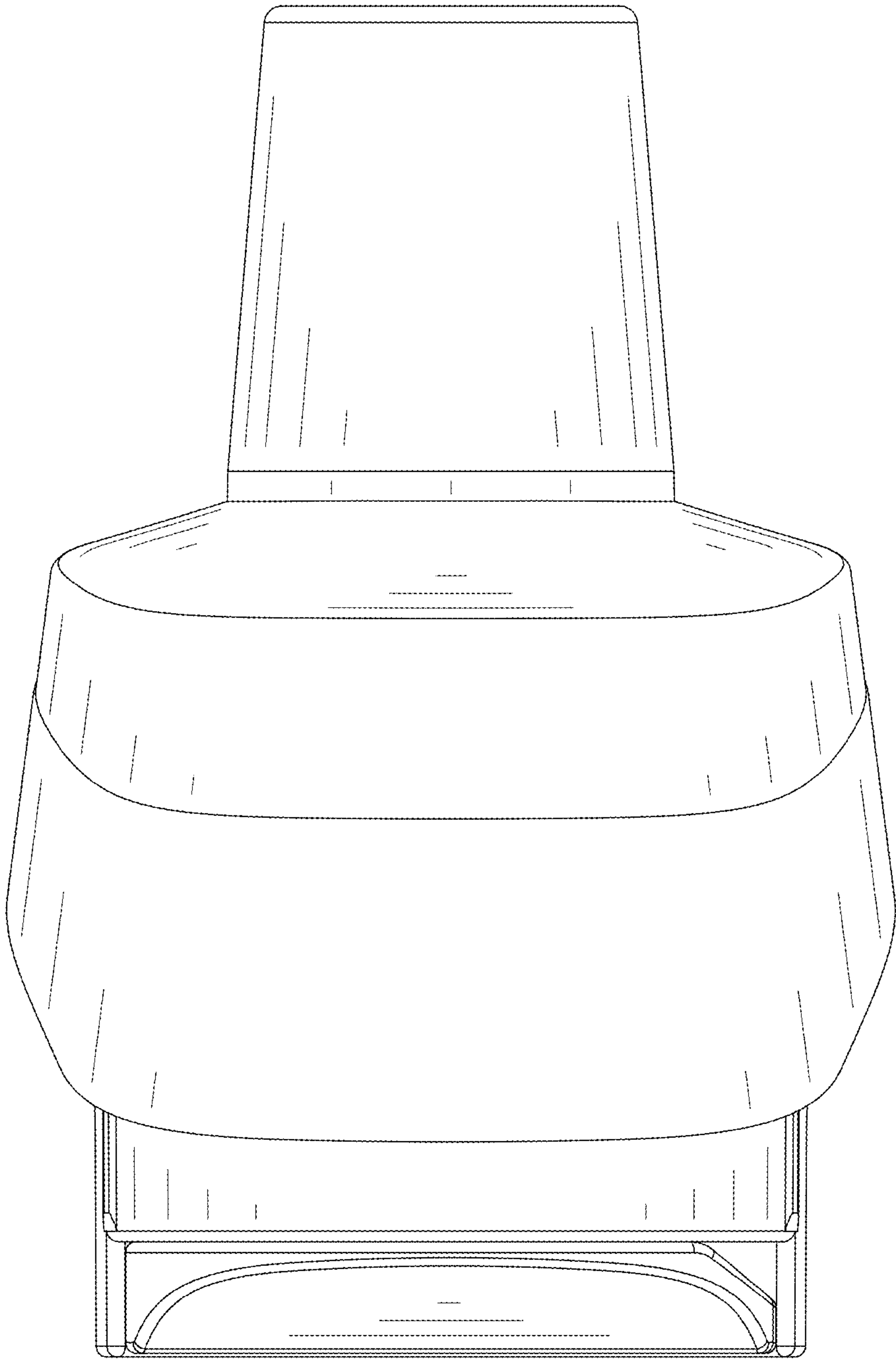


FIG. 11

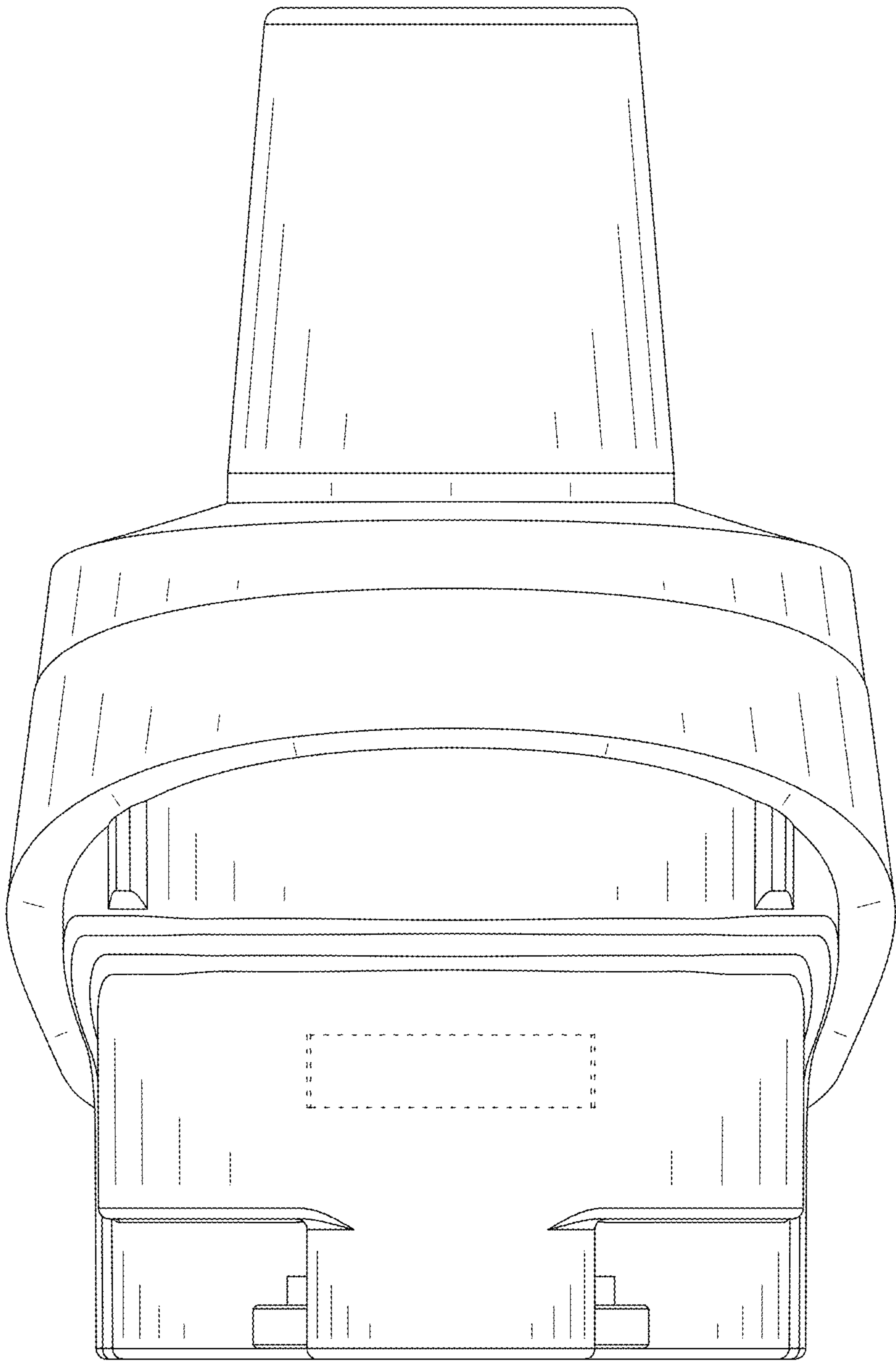


FIG. 12

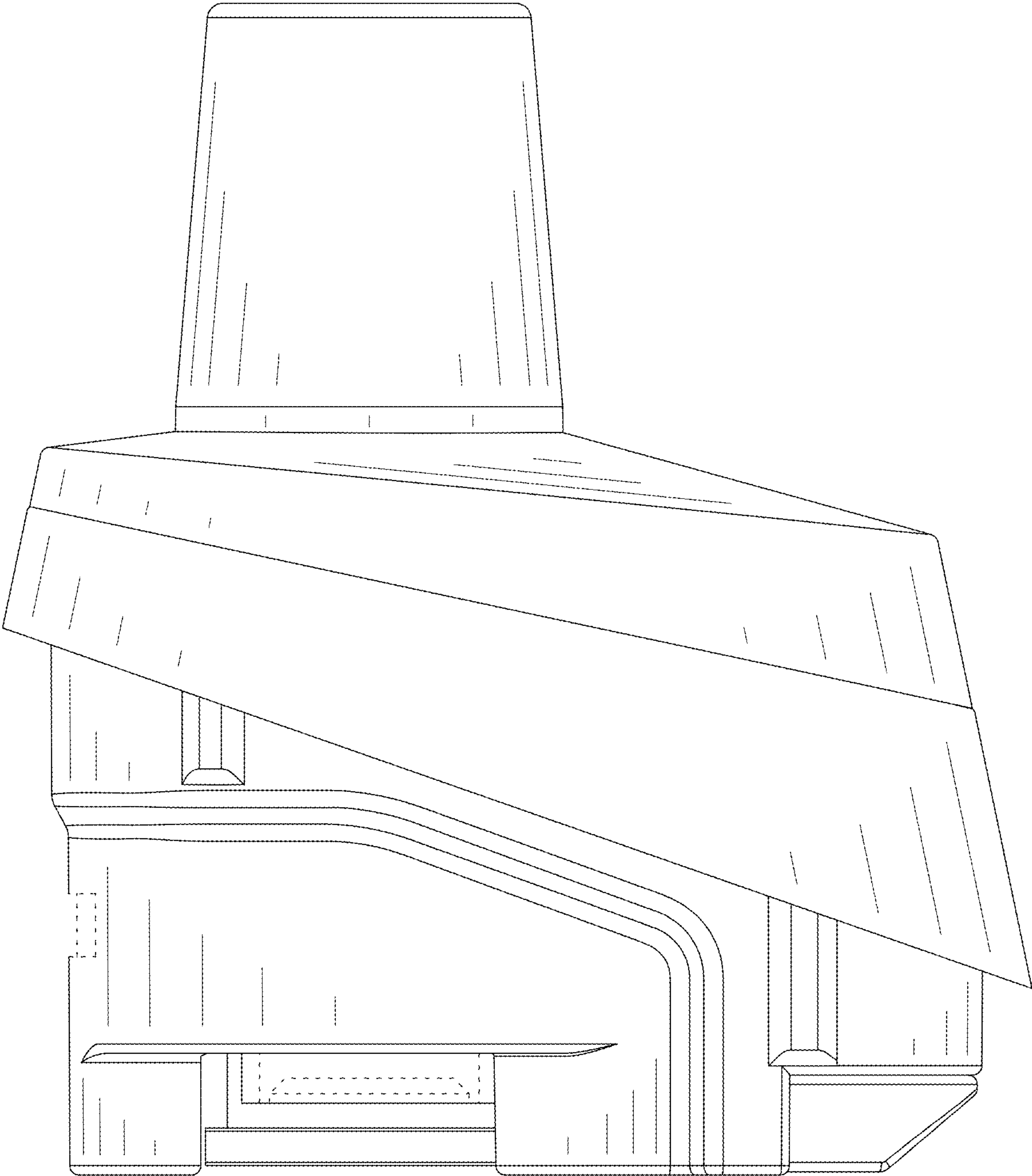


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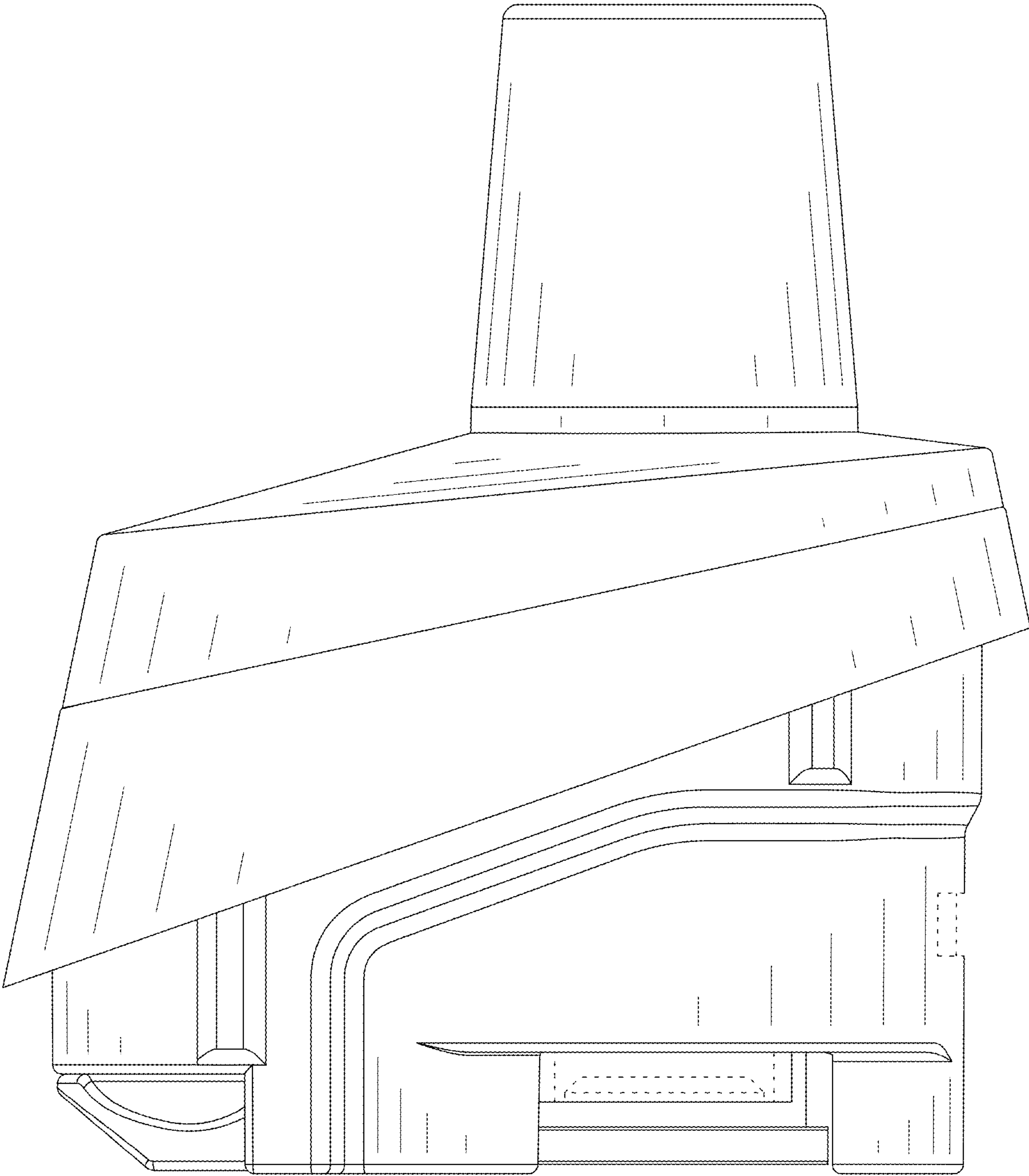


FIG. 14

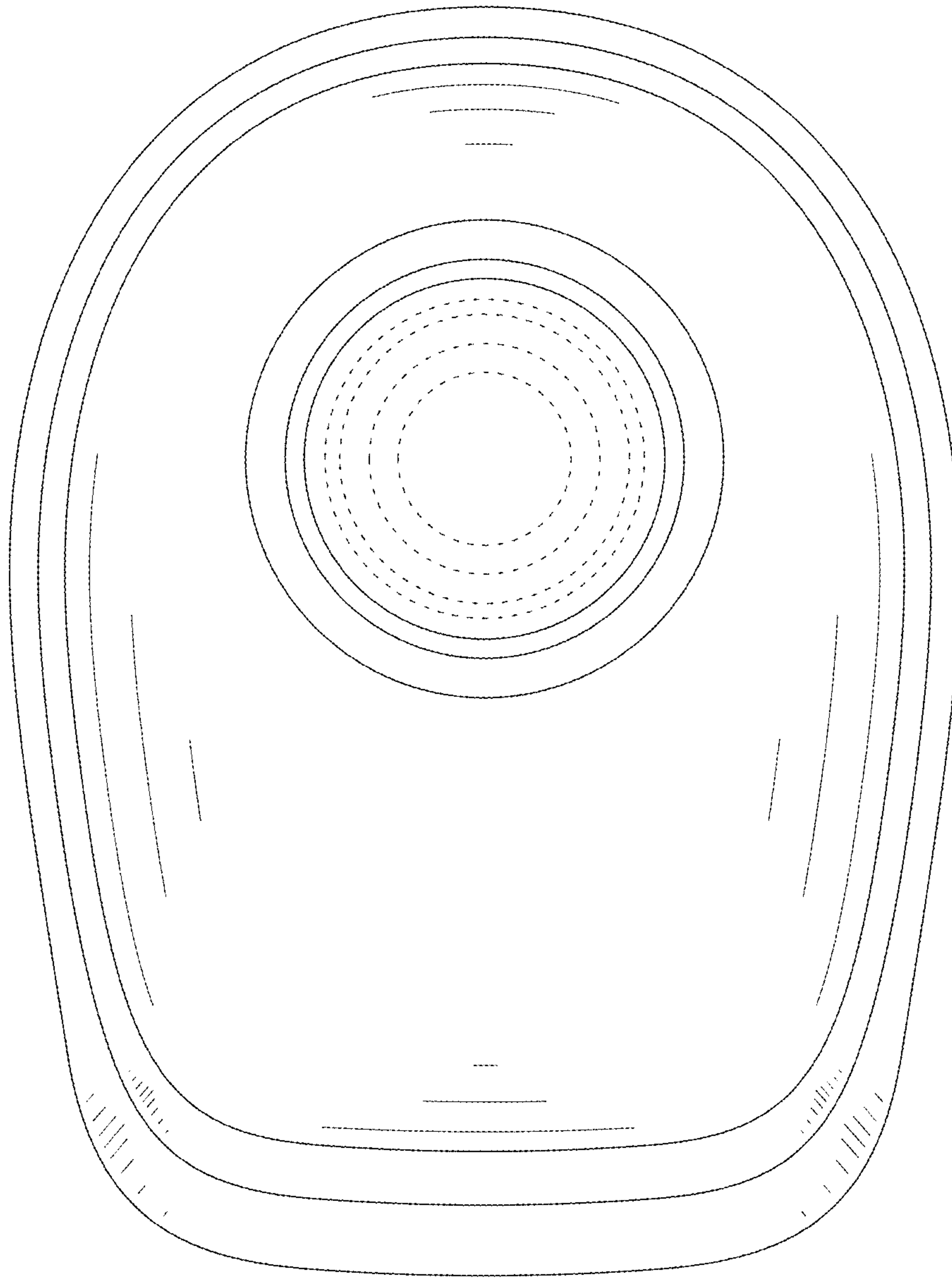


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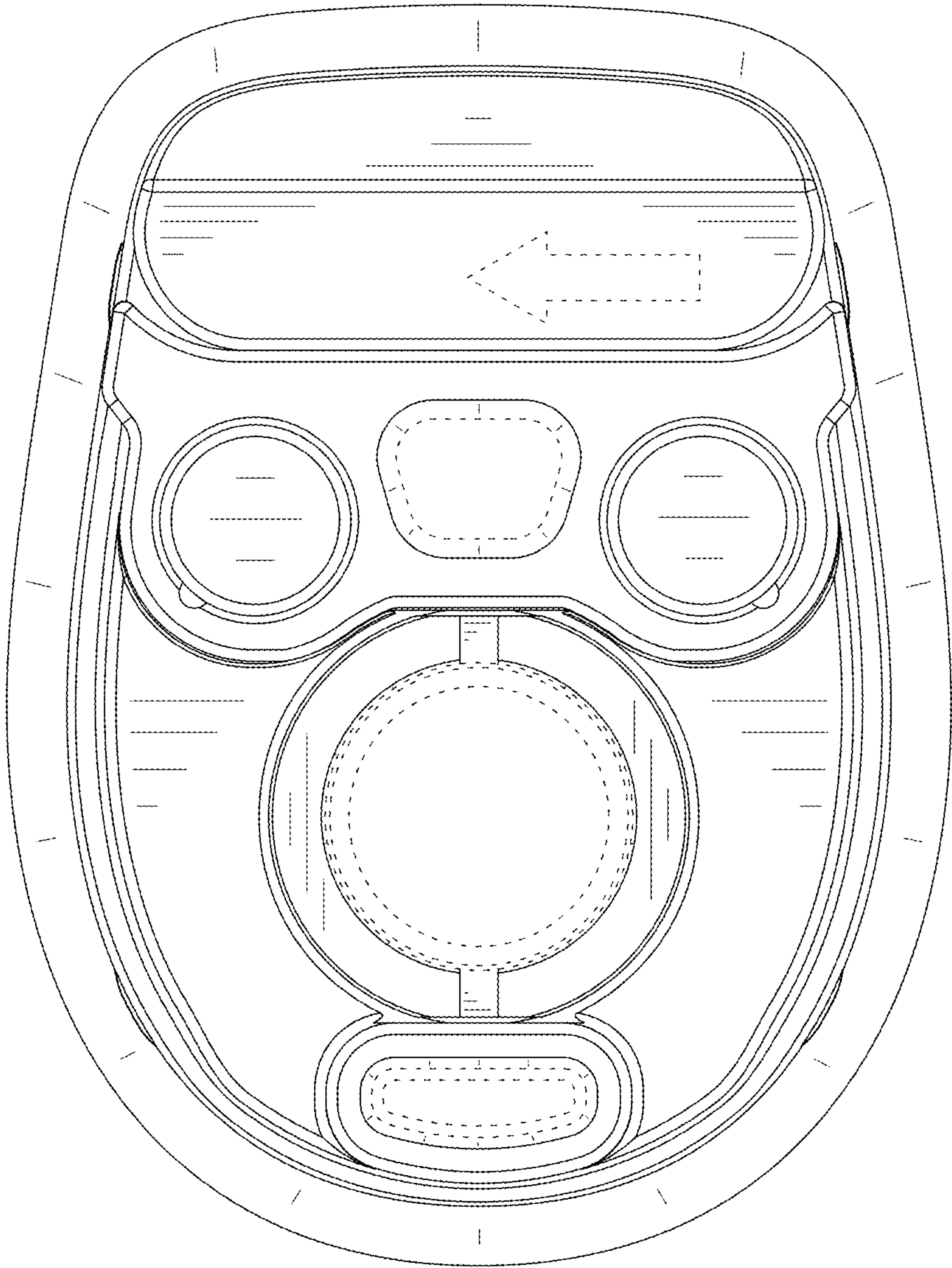


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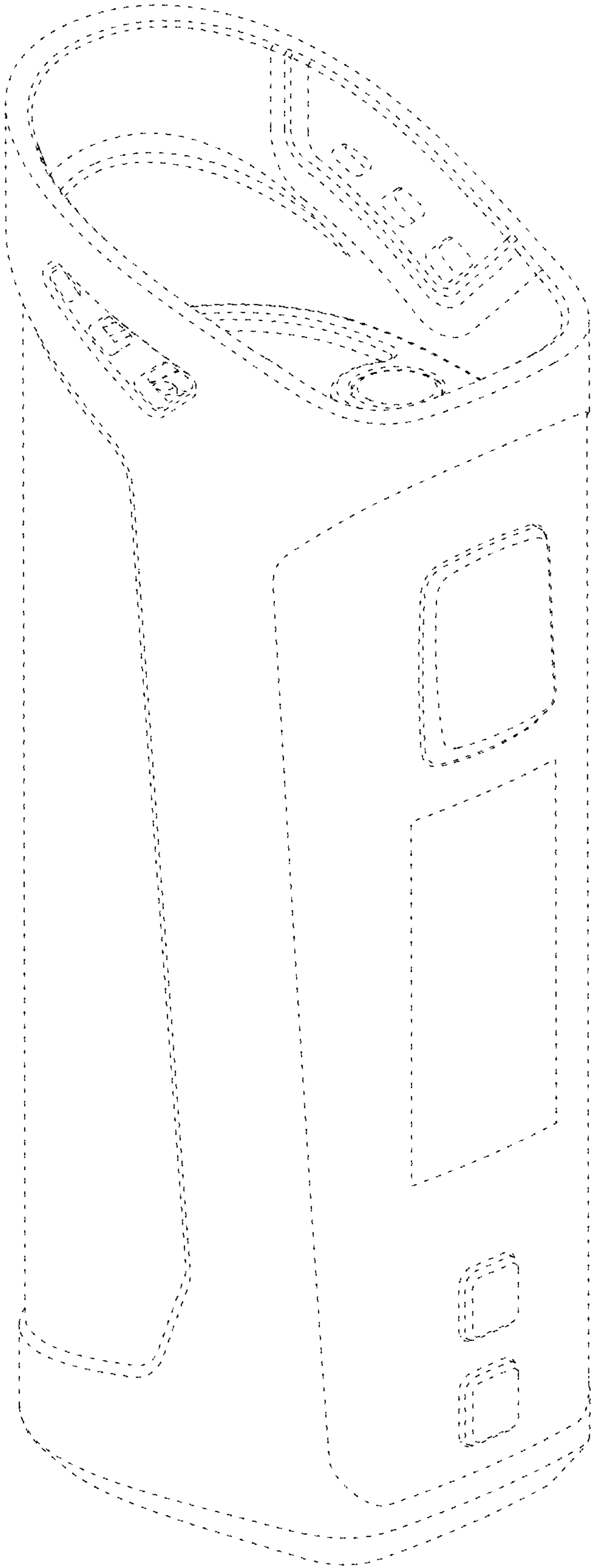


FIG. 17

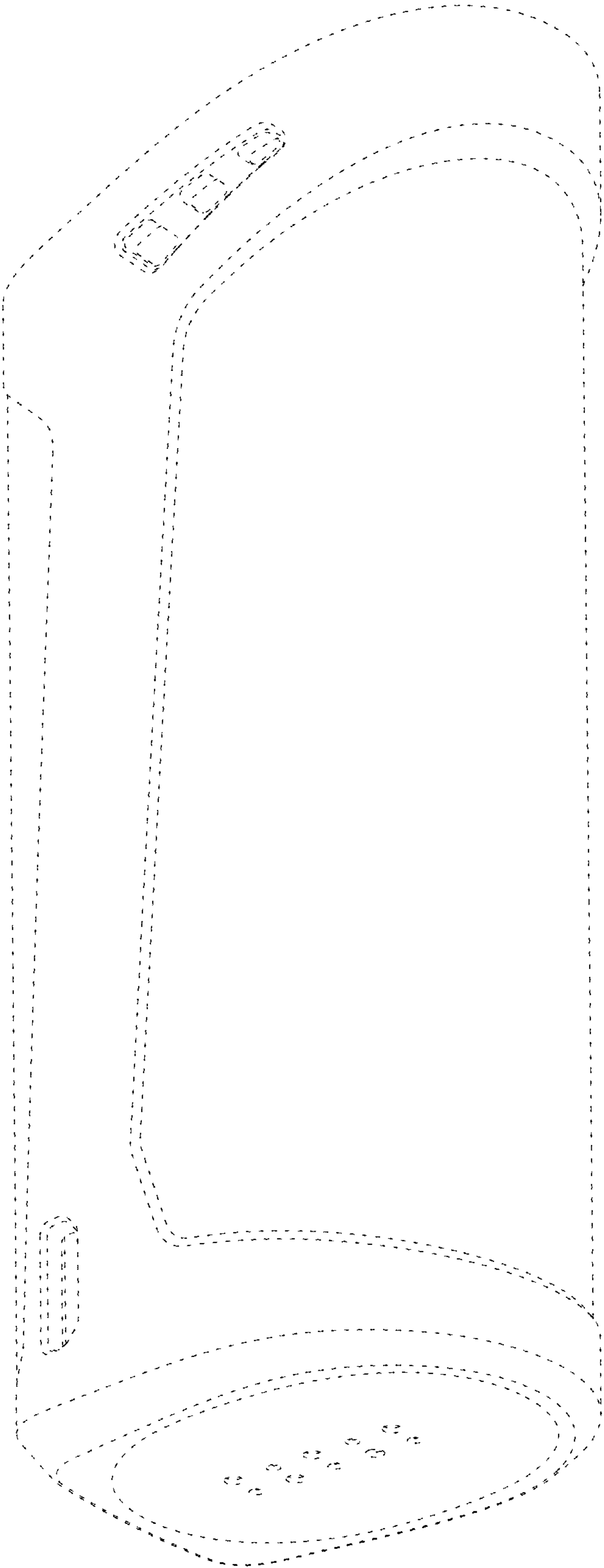


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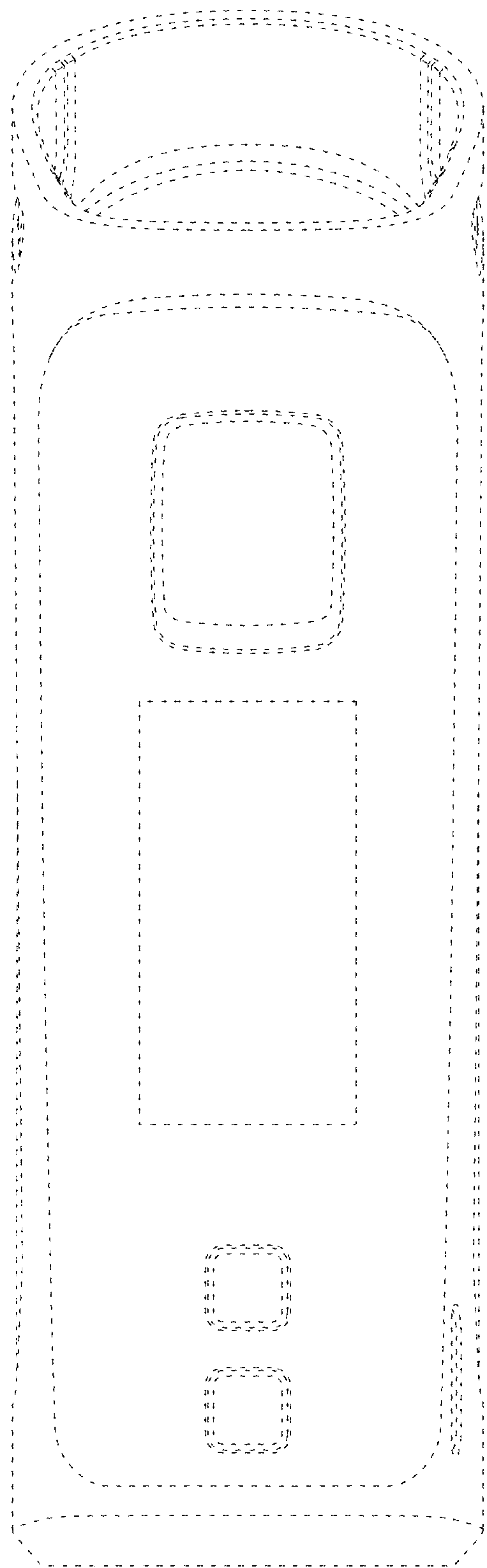


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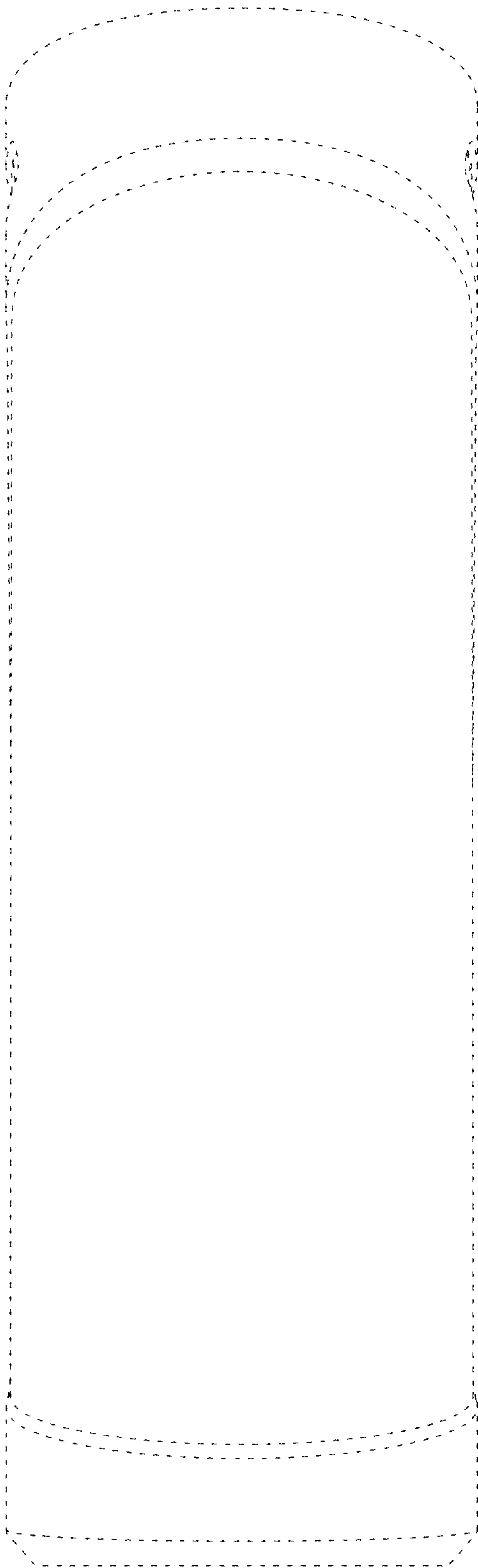


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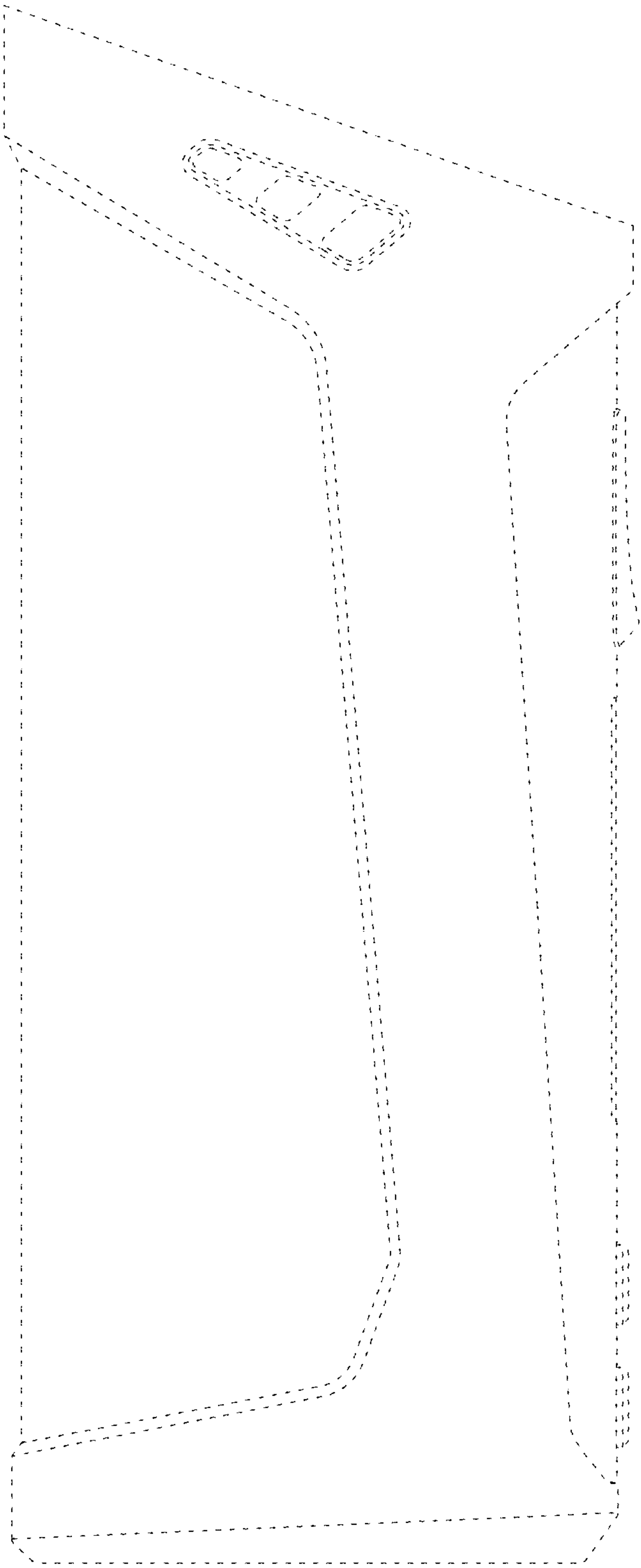


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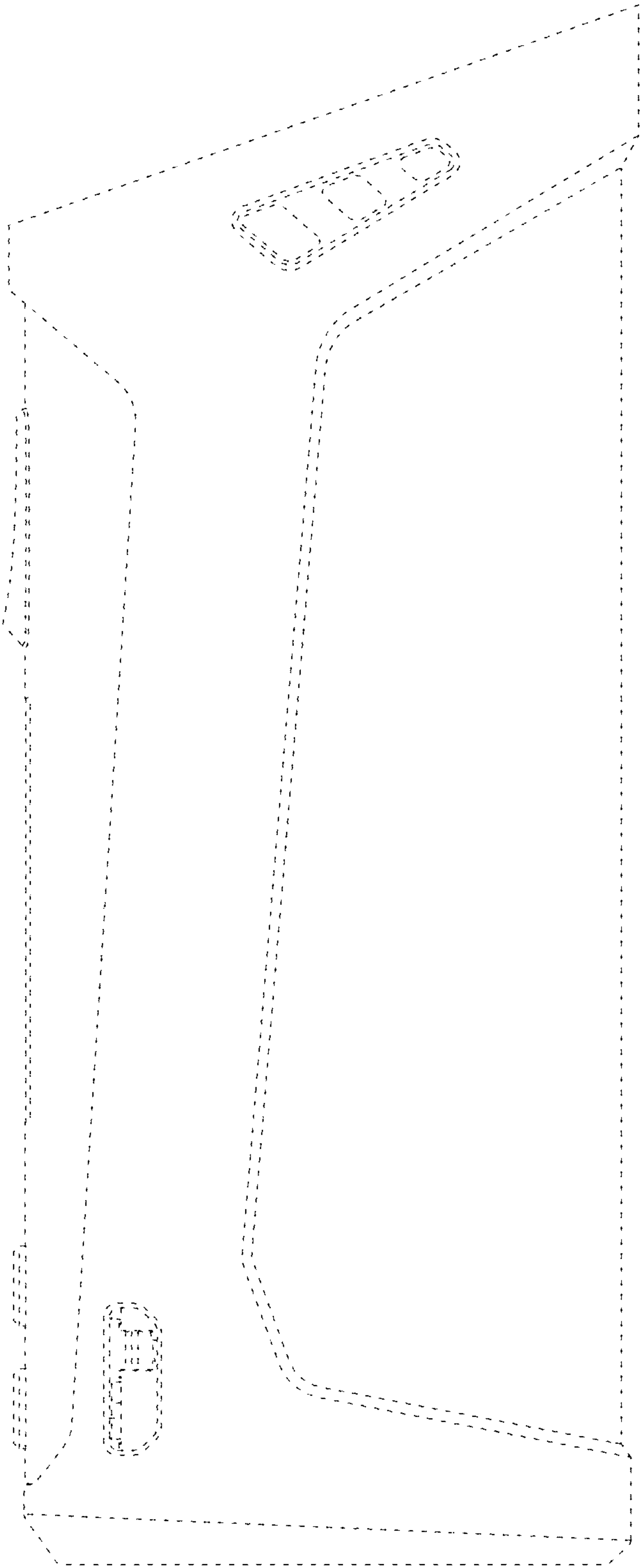


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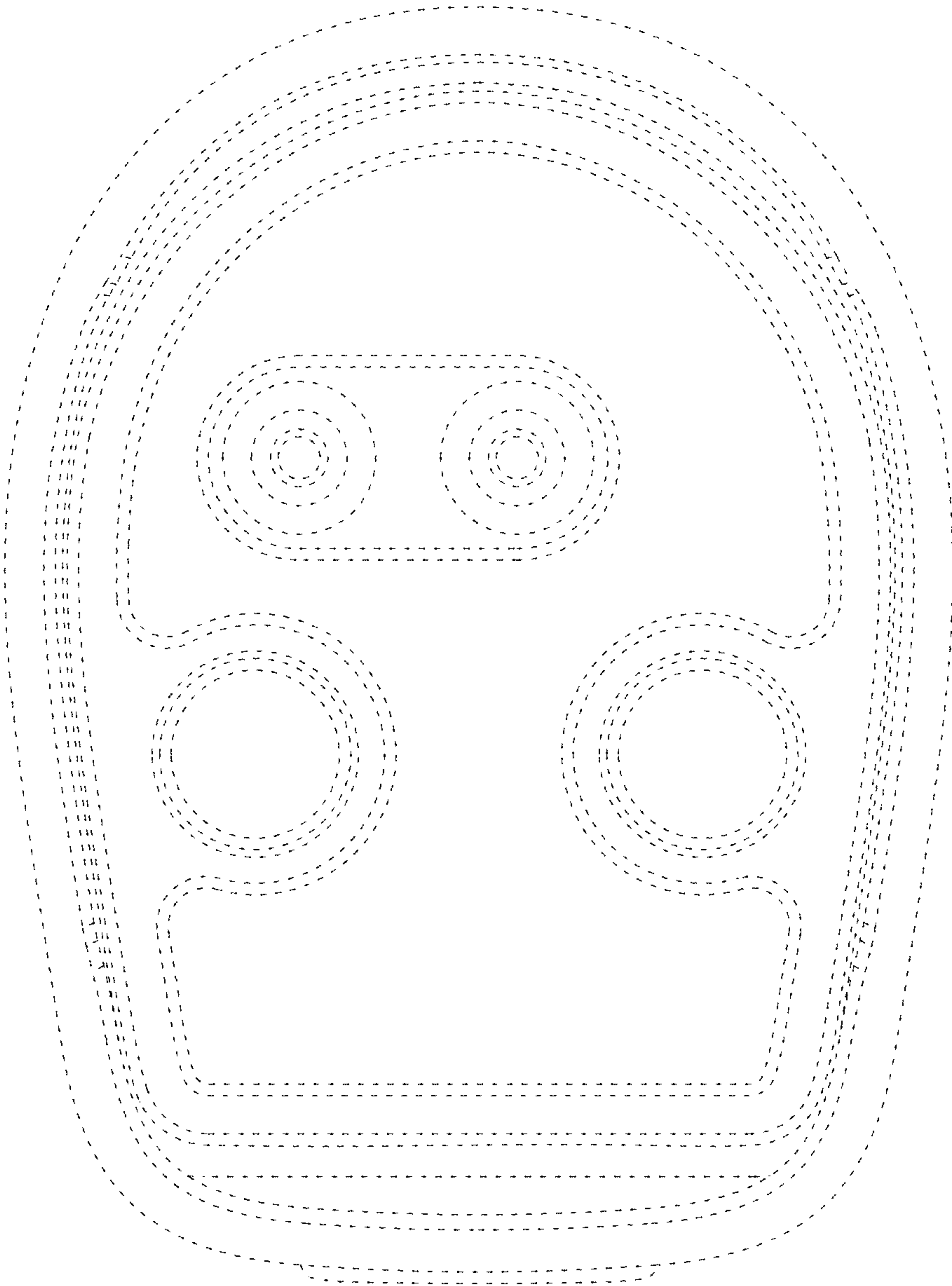


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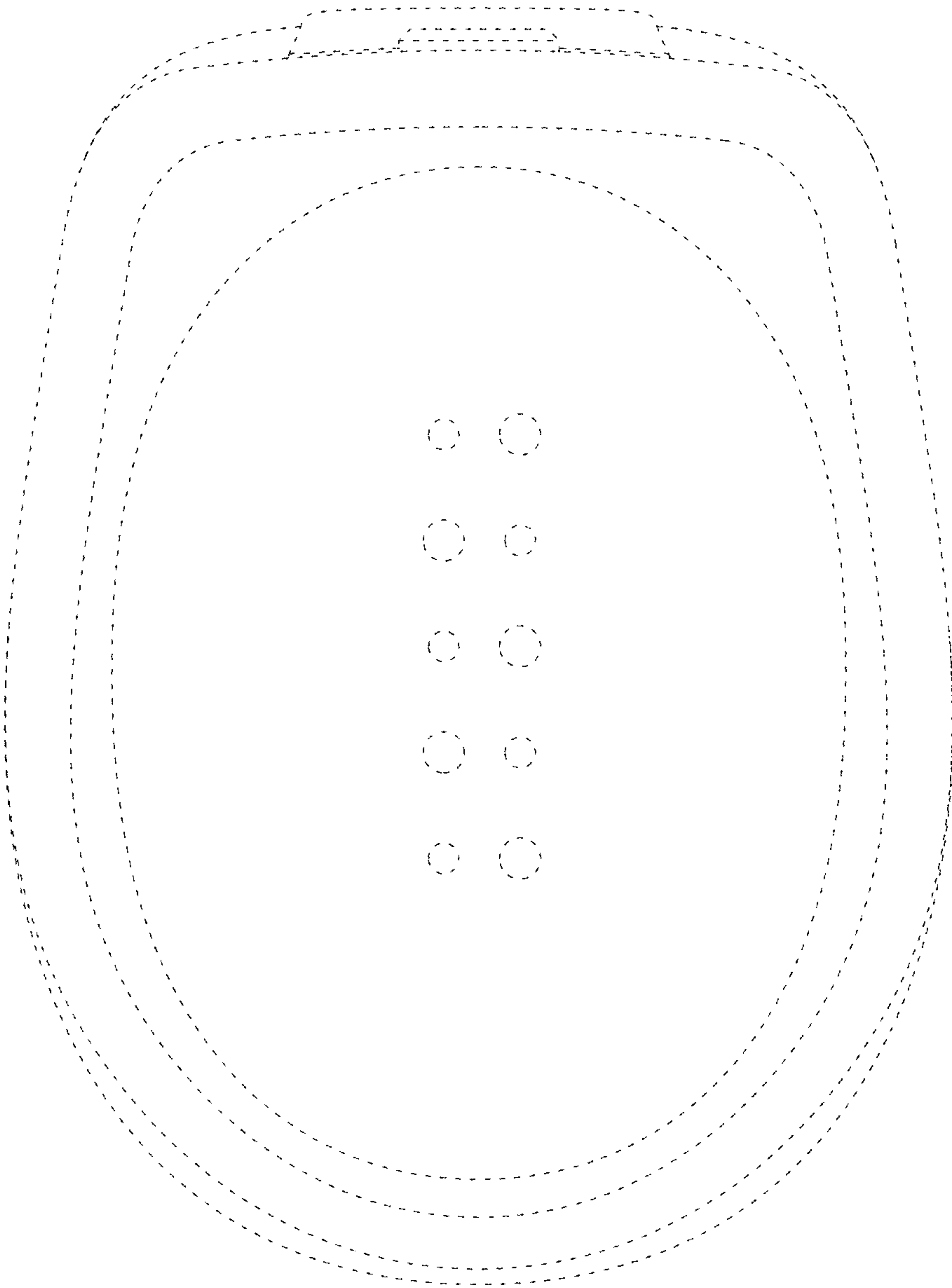


FIG. 24

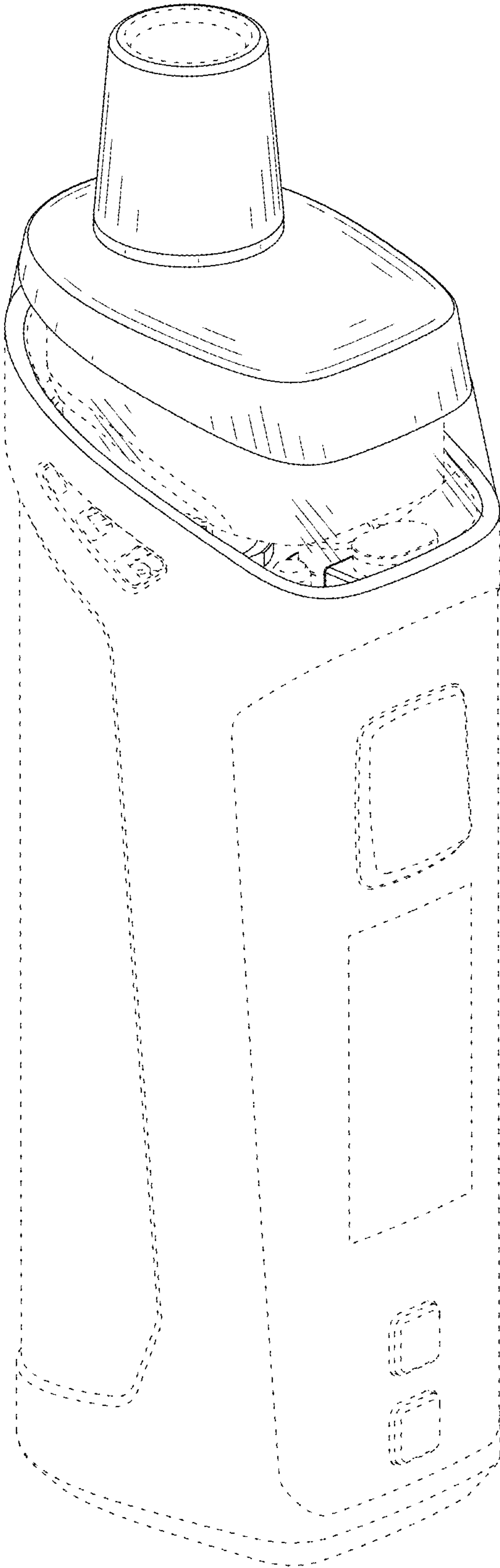


FIG. 25

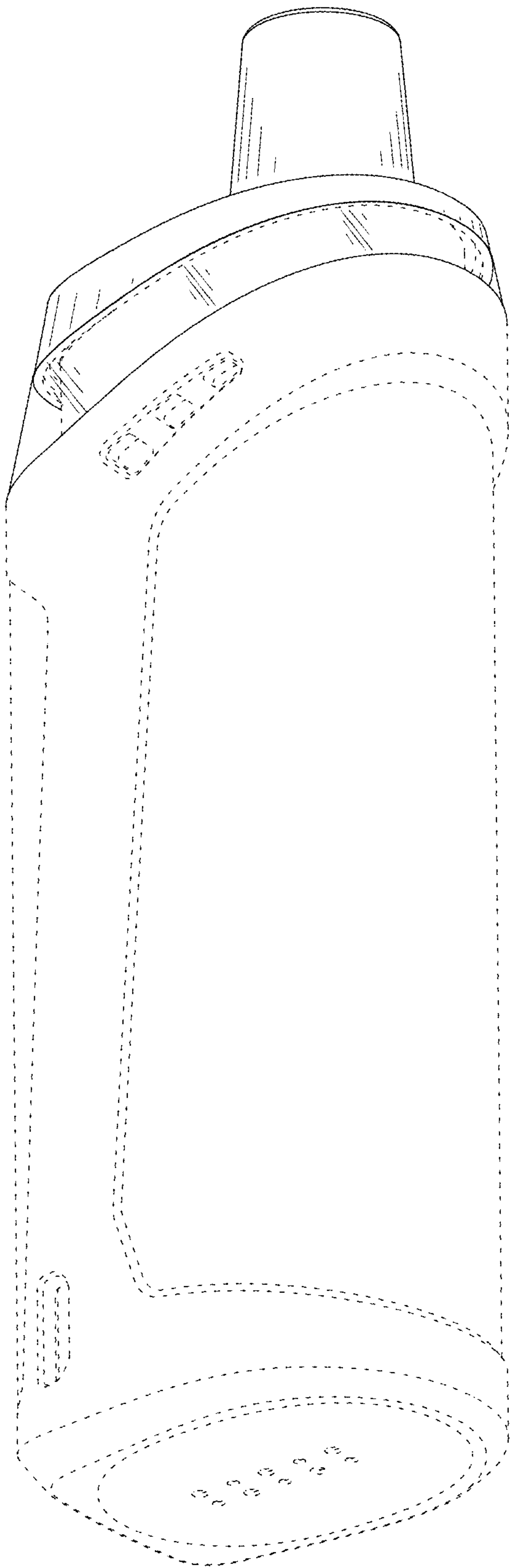


FIG. 26

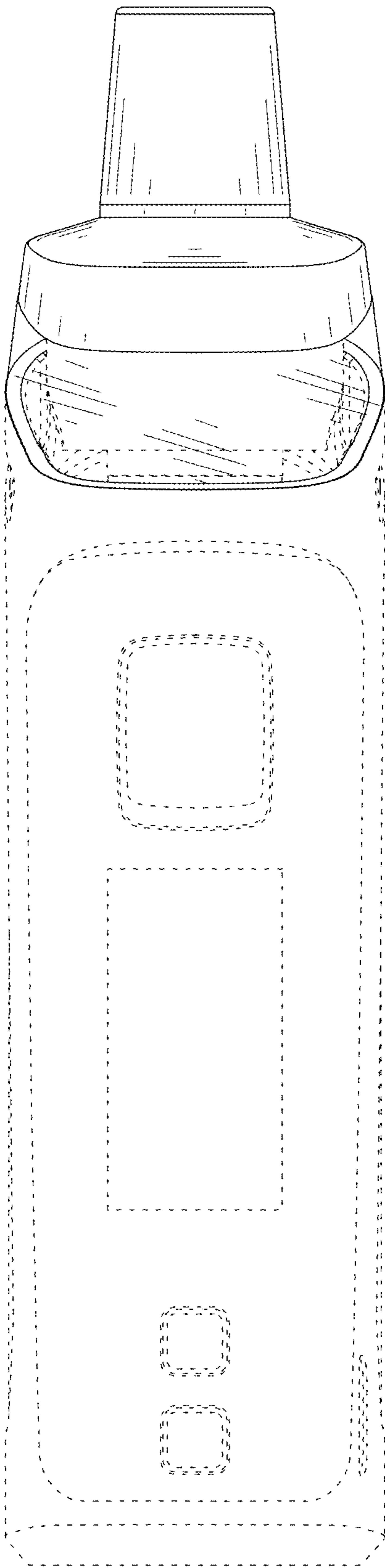


FIG. 27

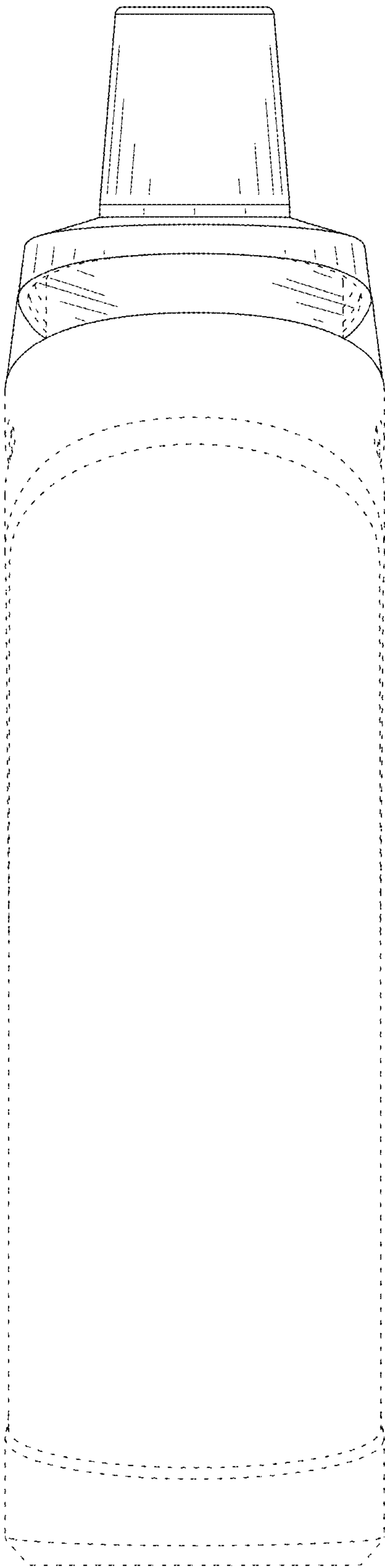


FIG. 28

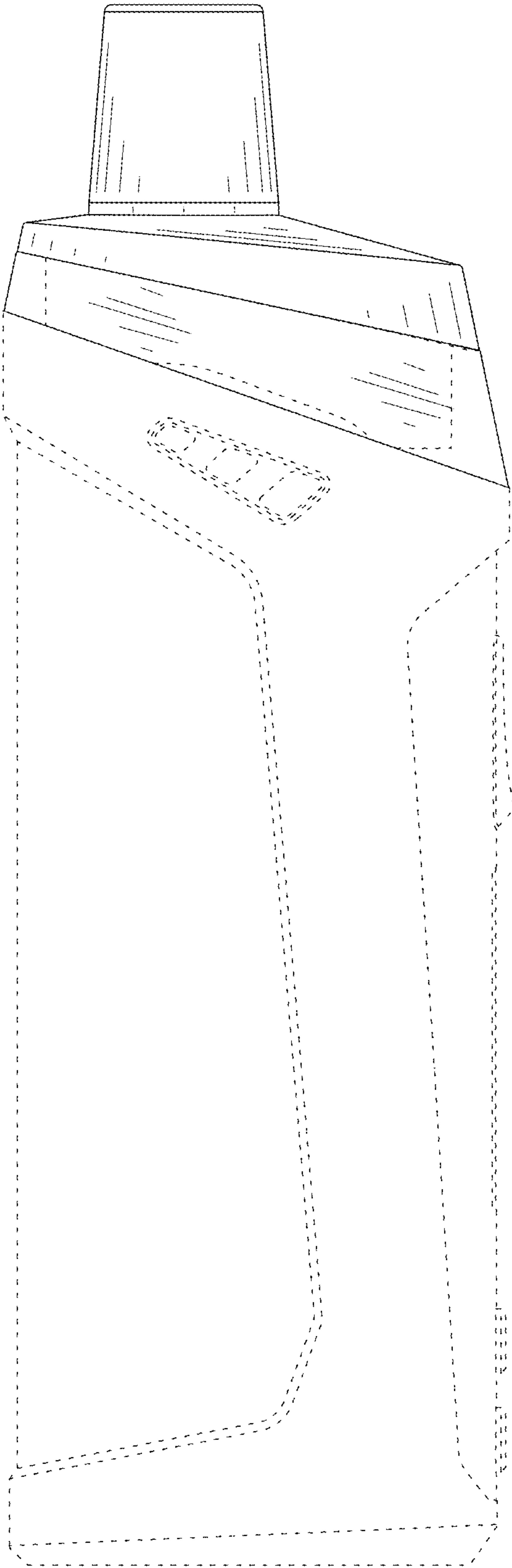


FIG. 29

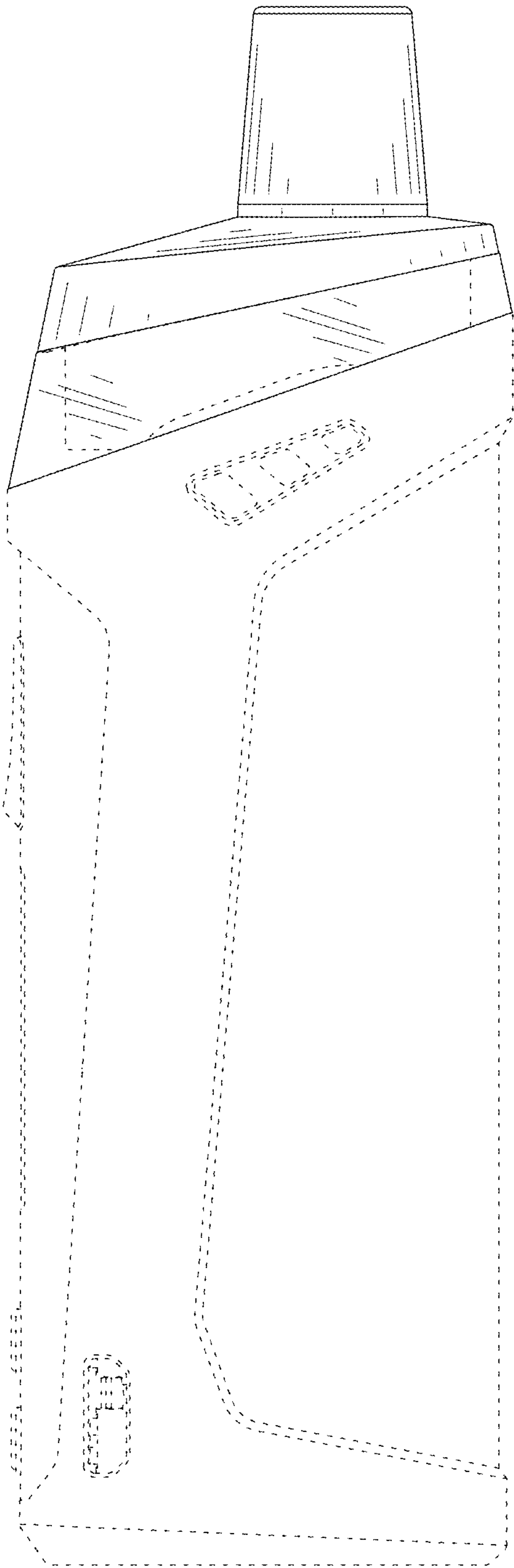


FIG. 30

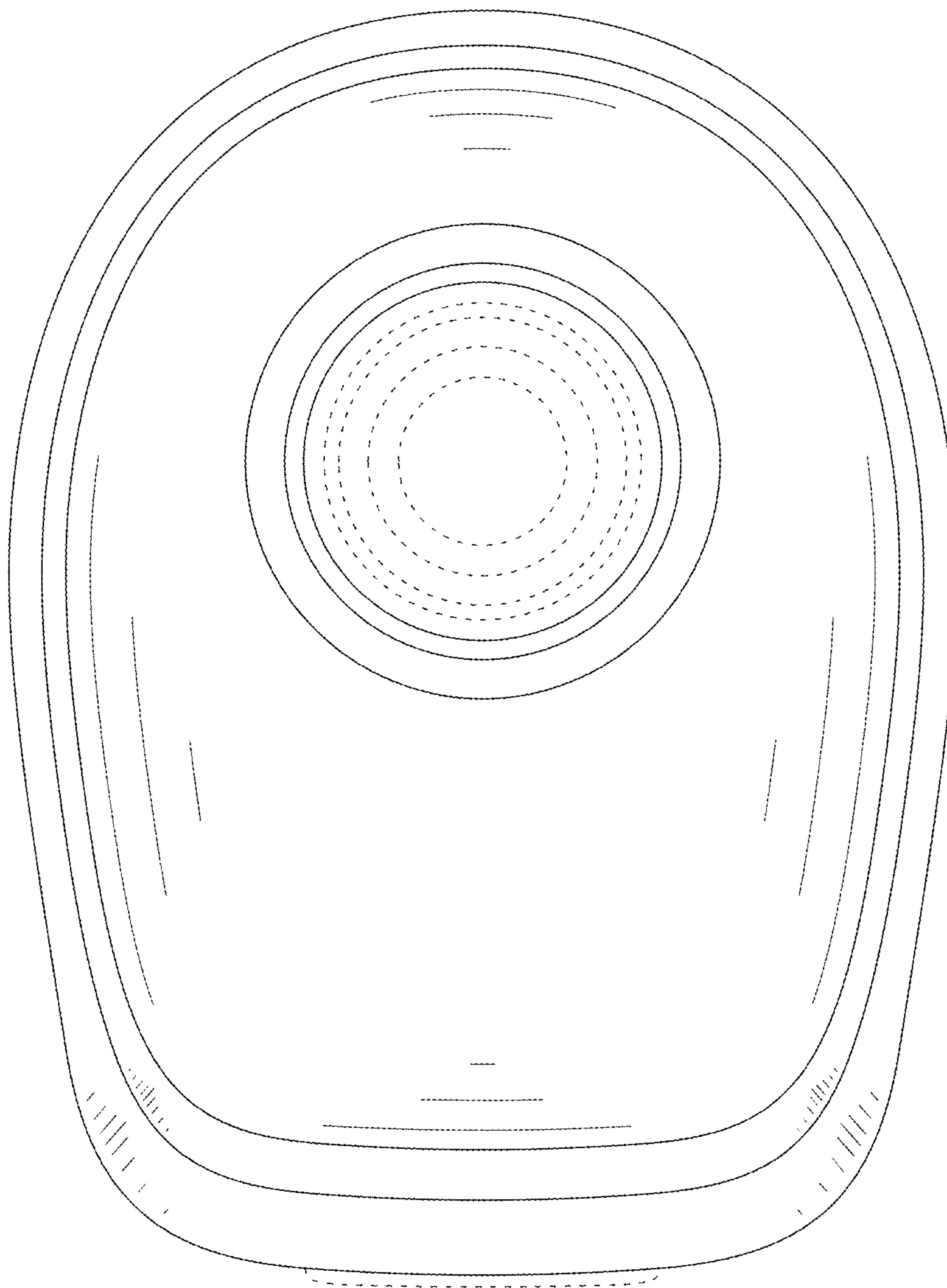


FIG. 31

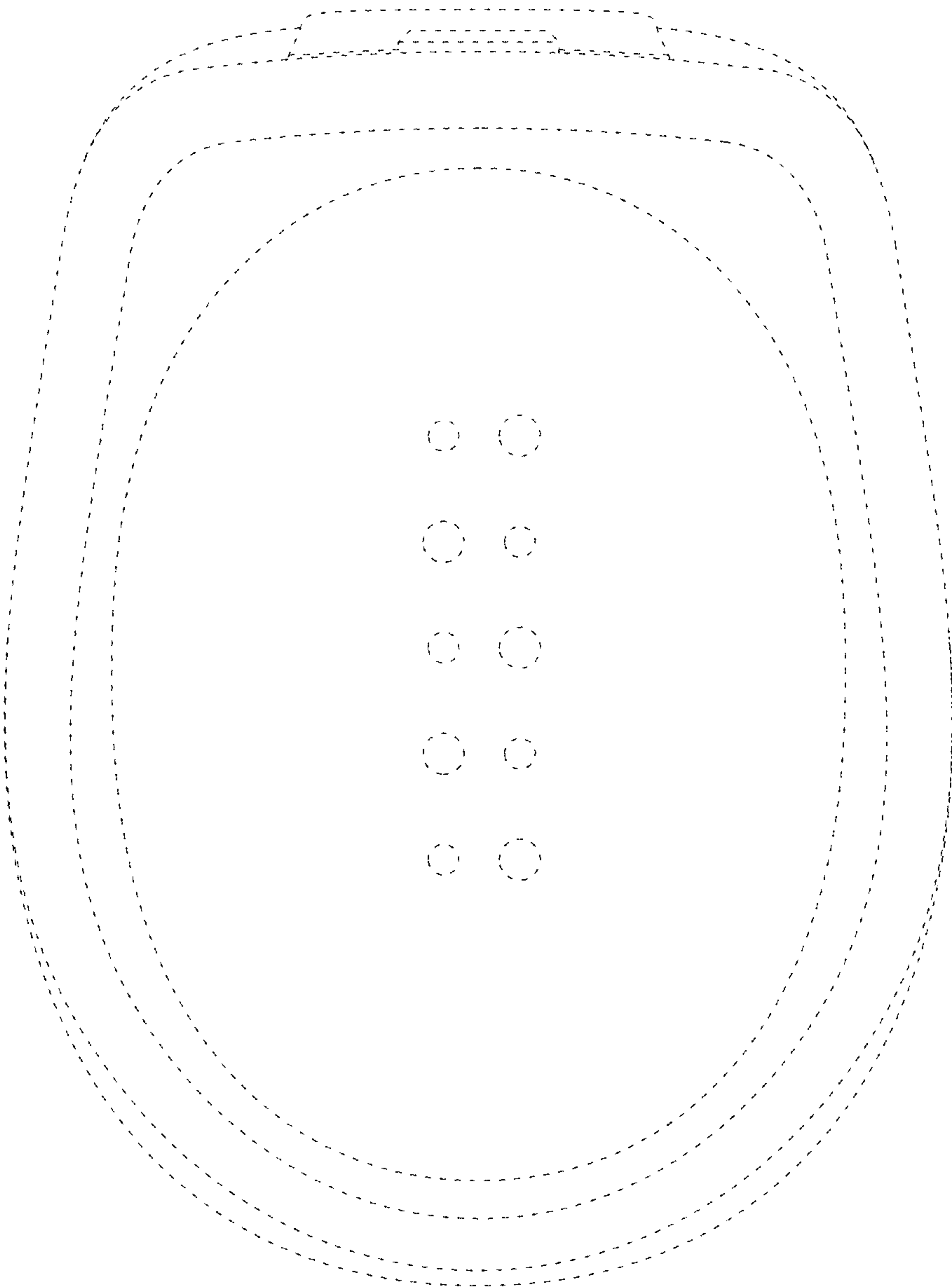


FIG. 32

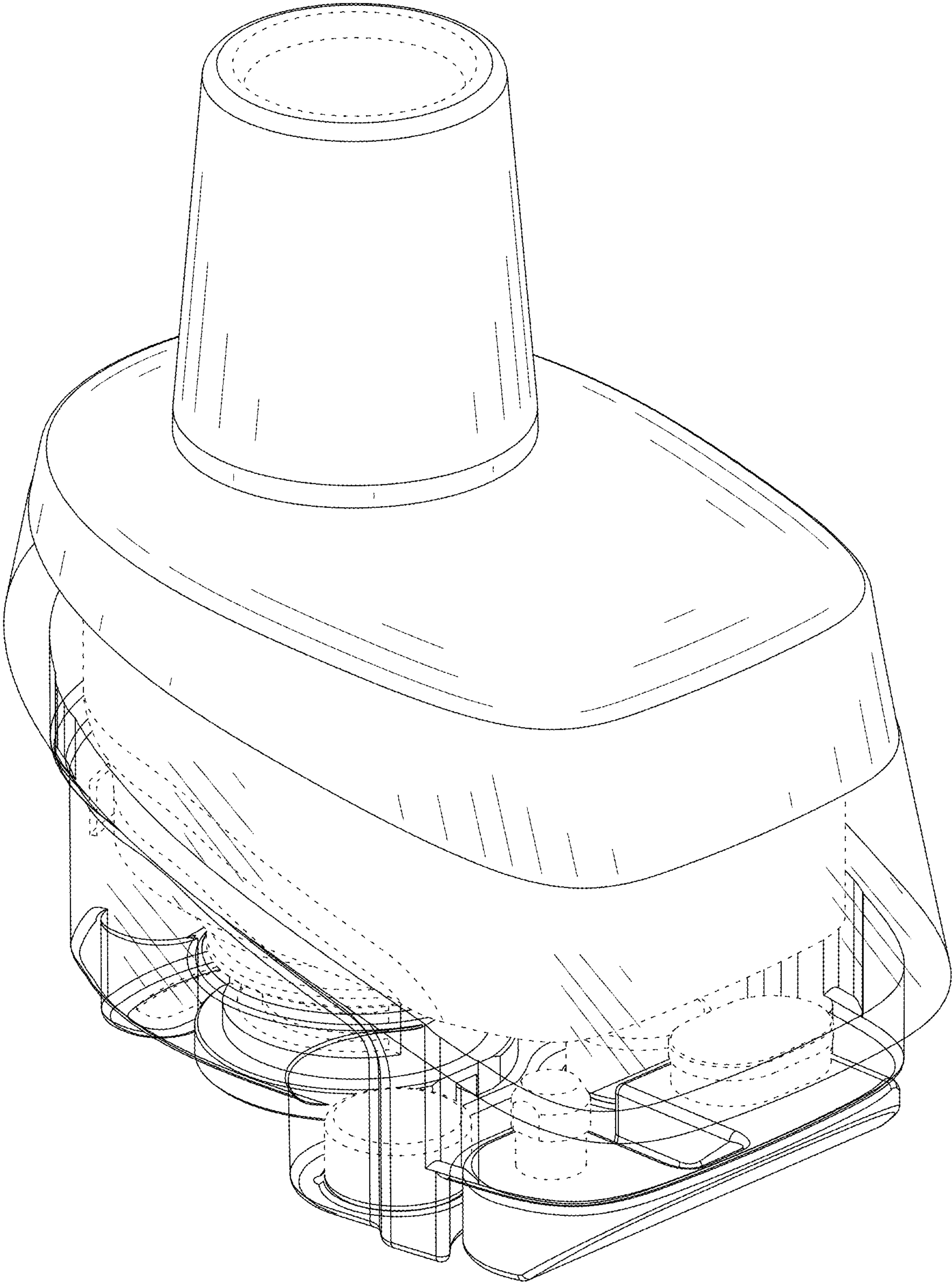


FIG. 33

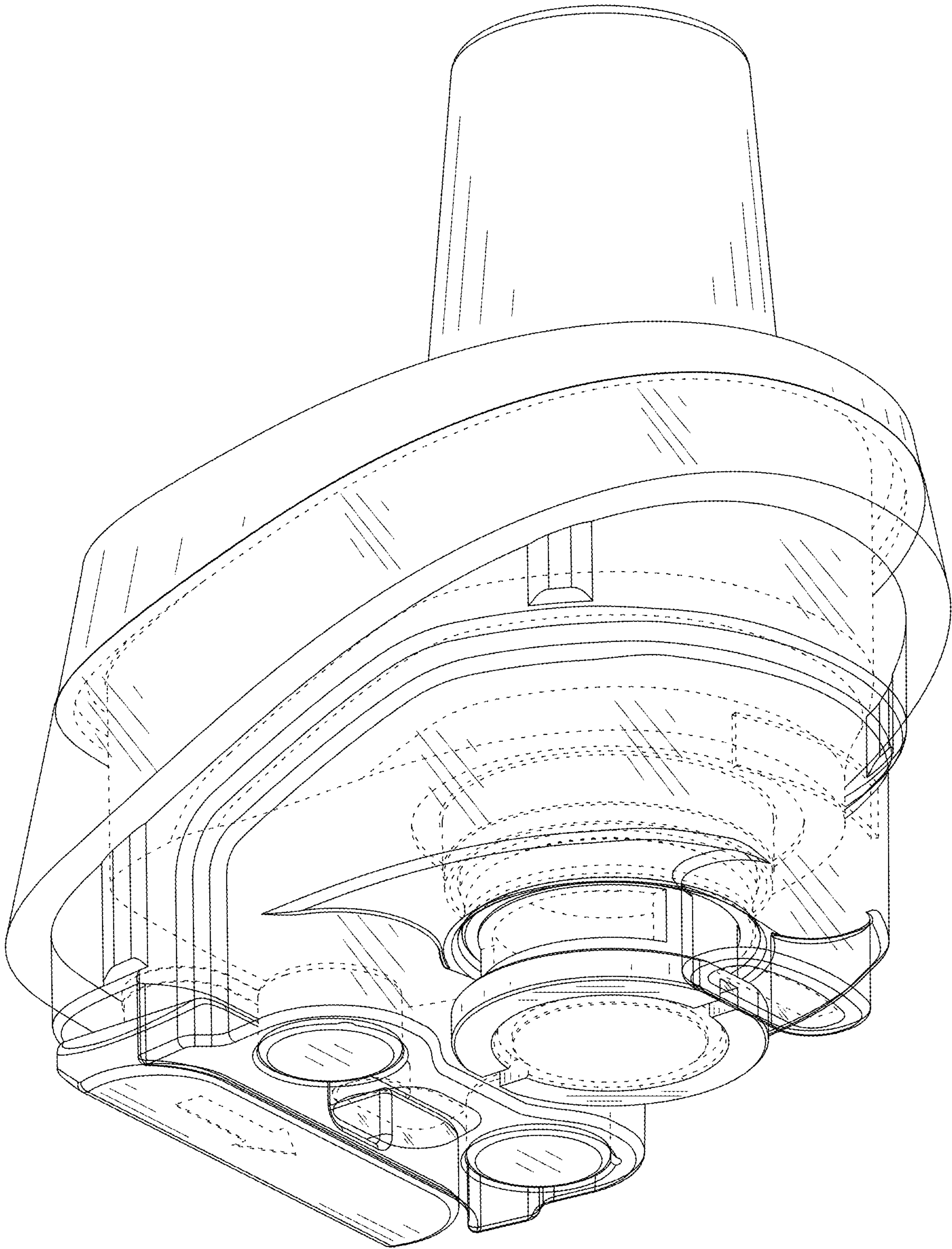


FIG. 34

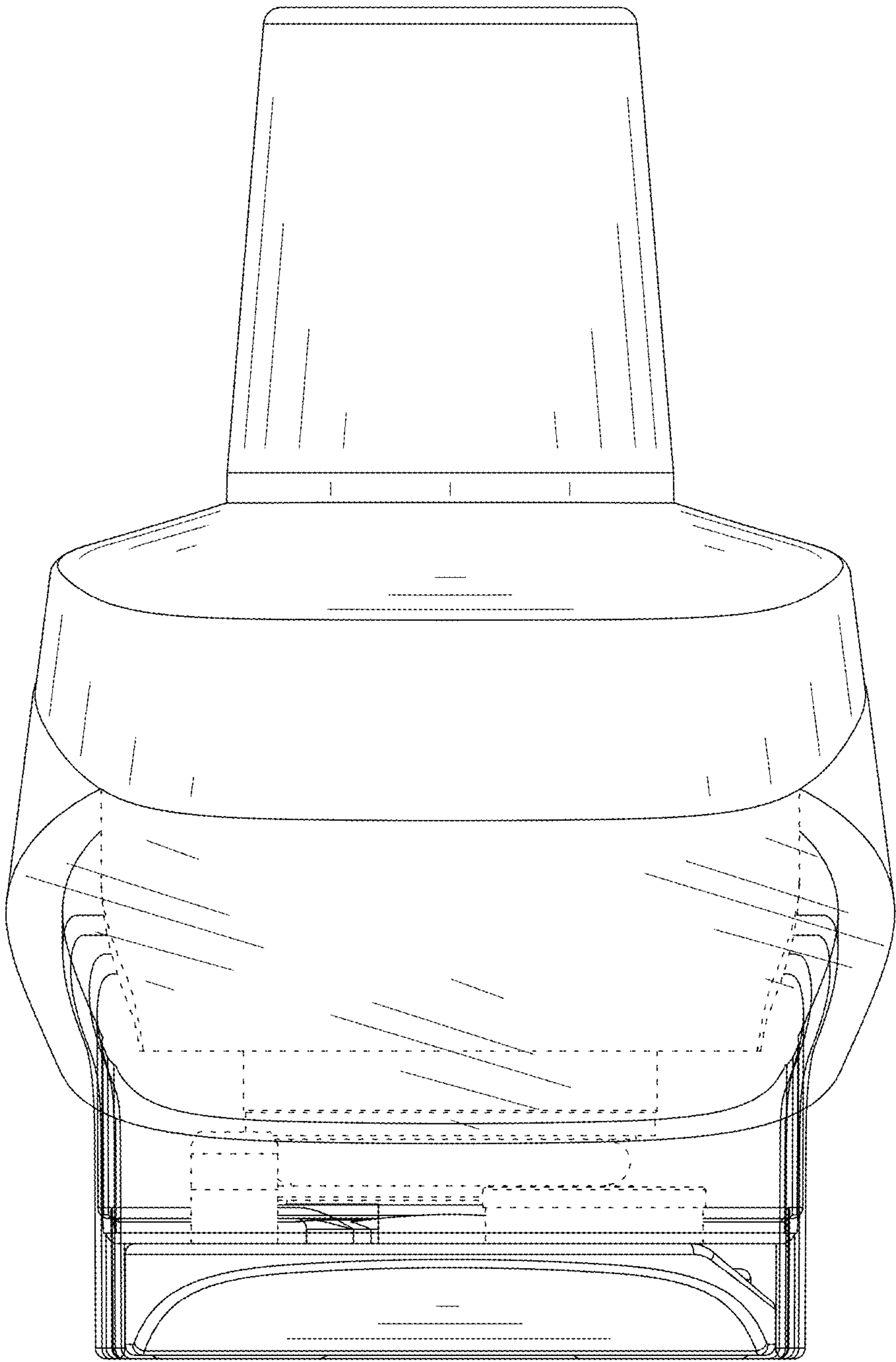


FIG. 35

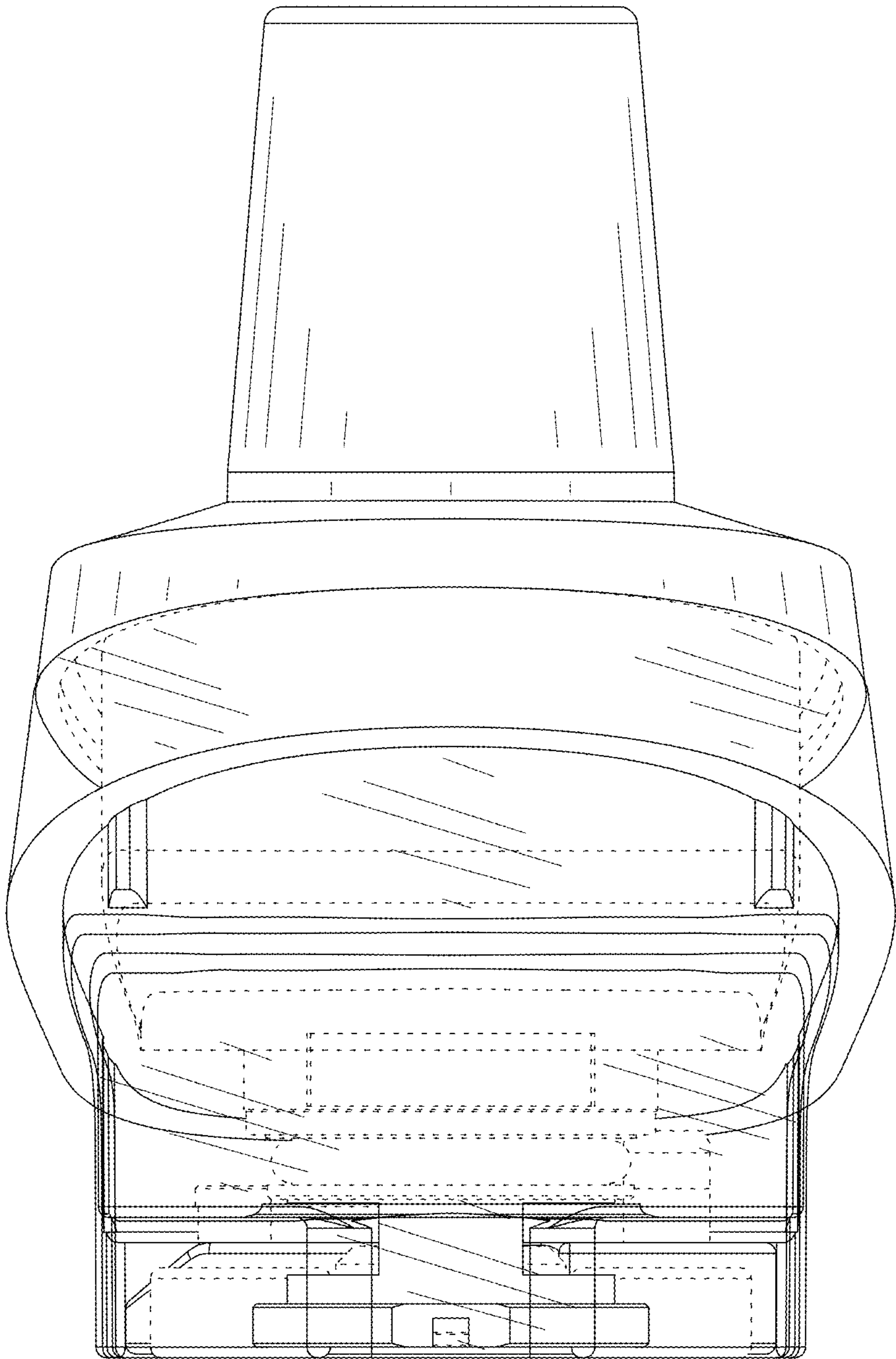


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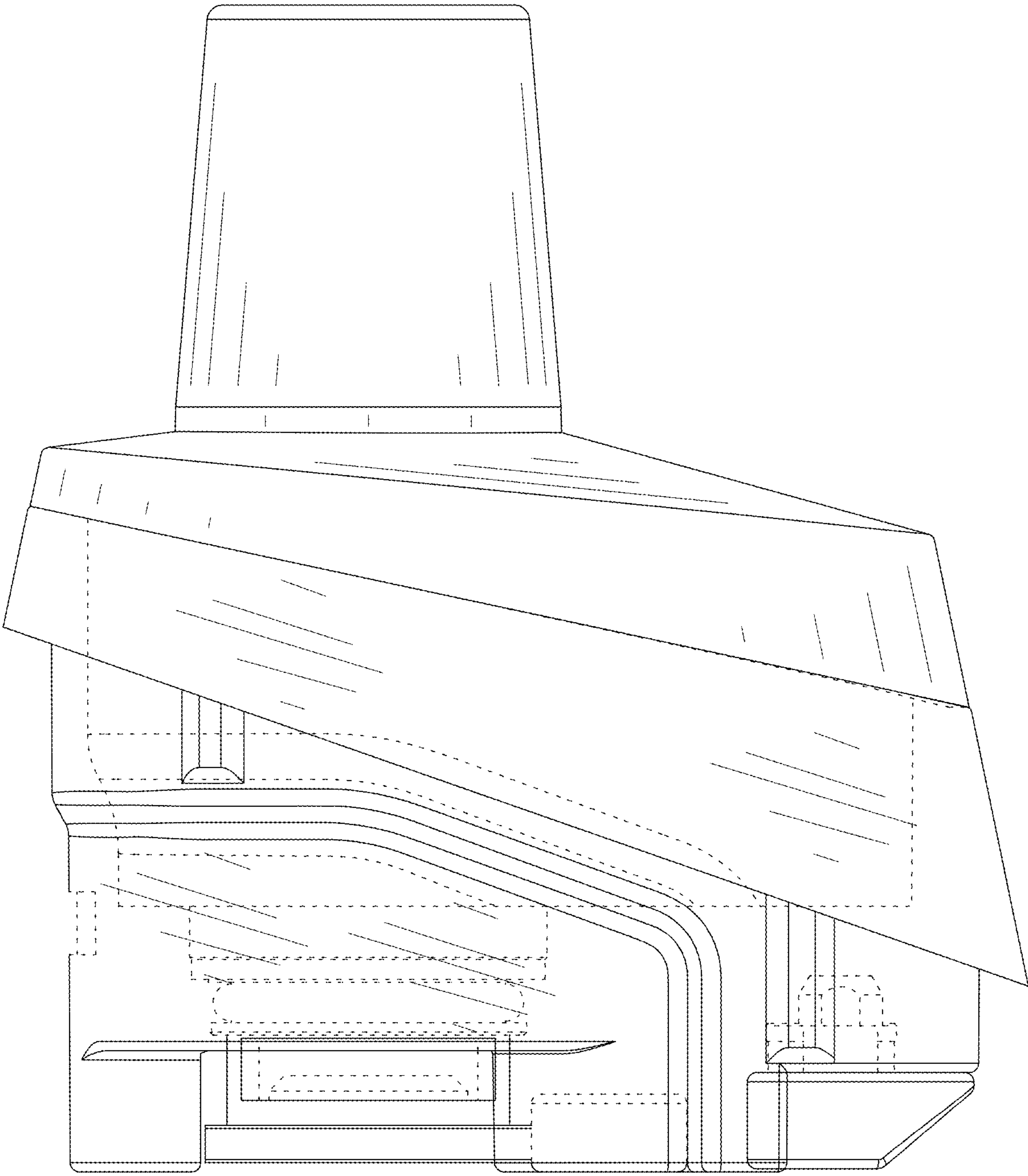


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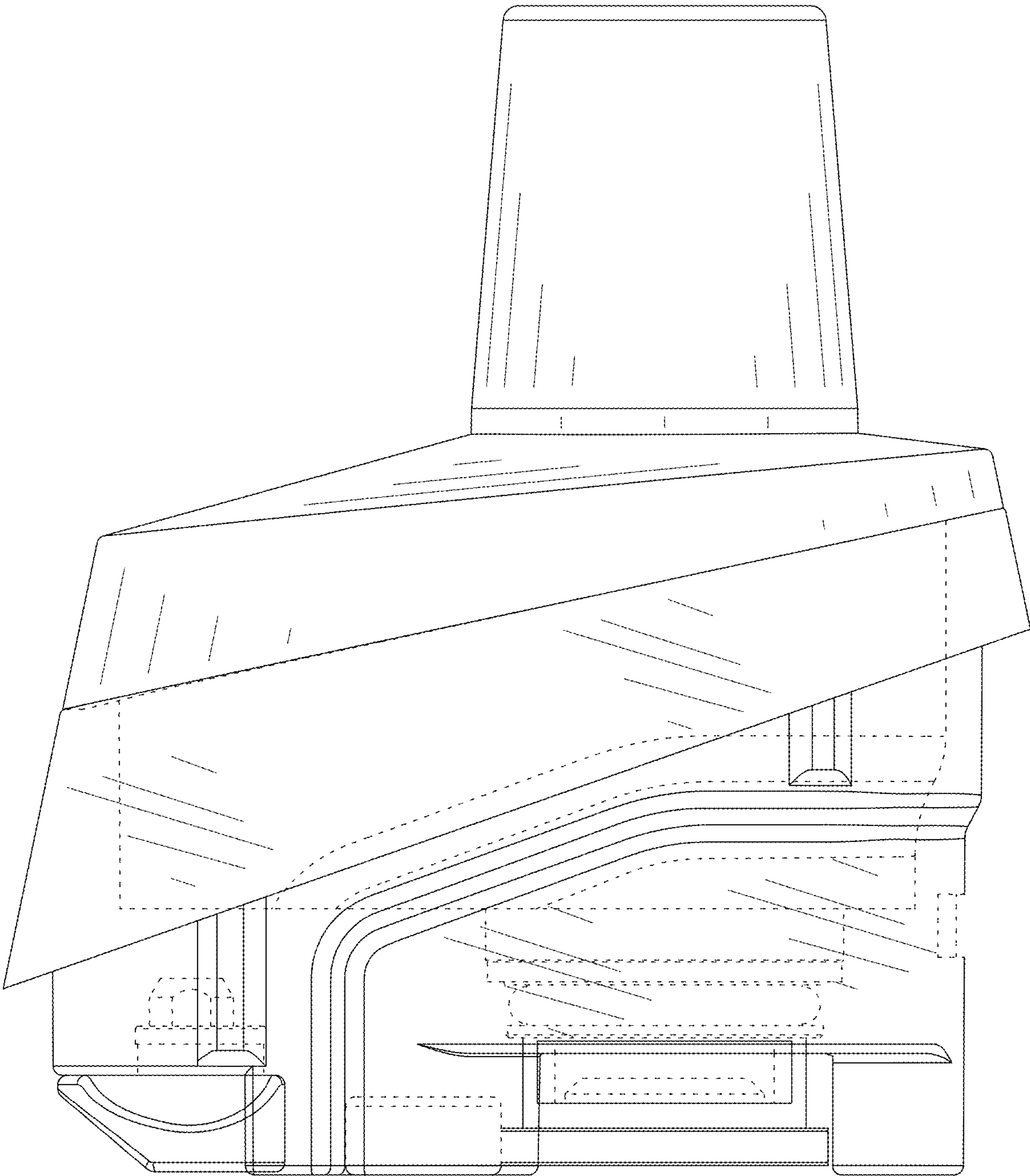


FIG. 38

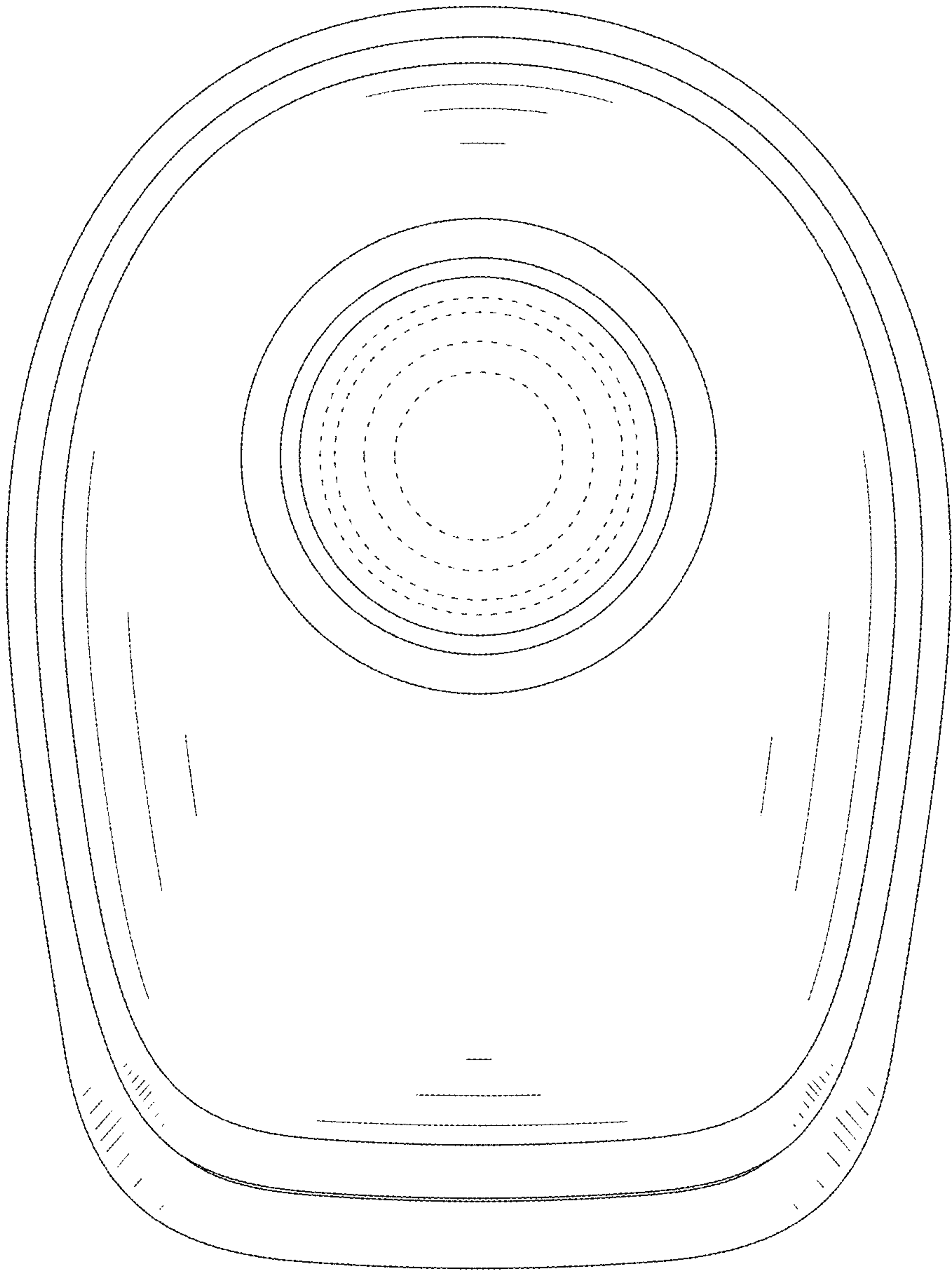


FIG. 39

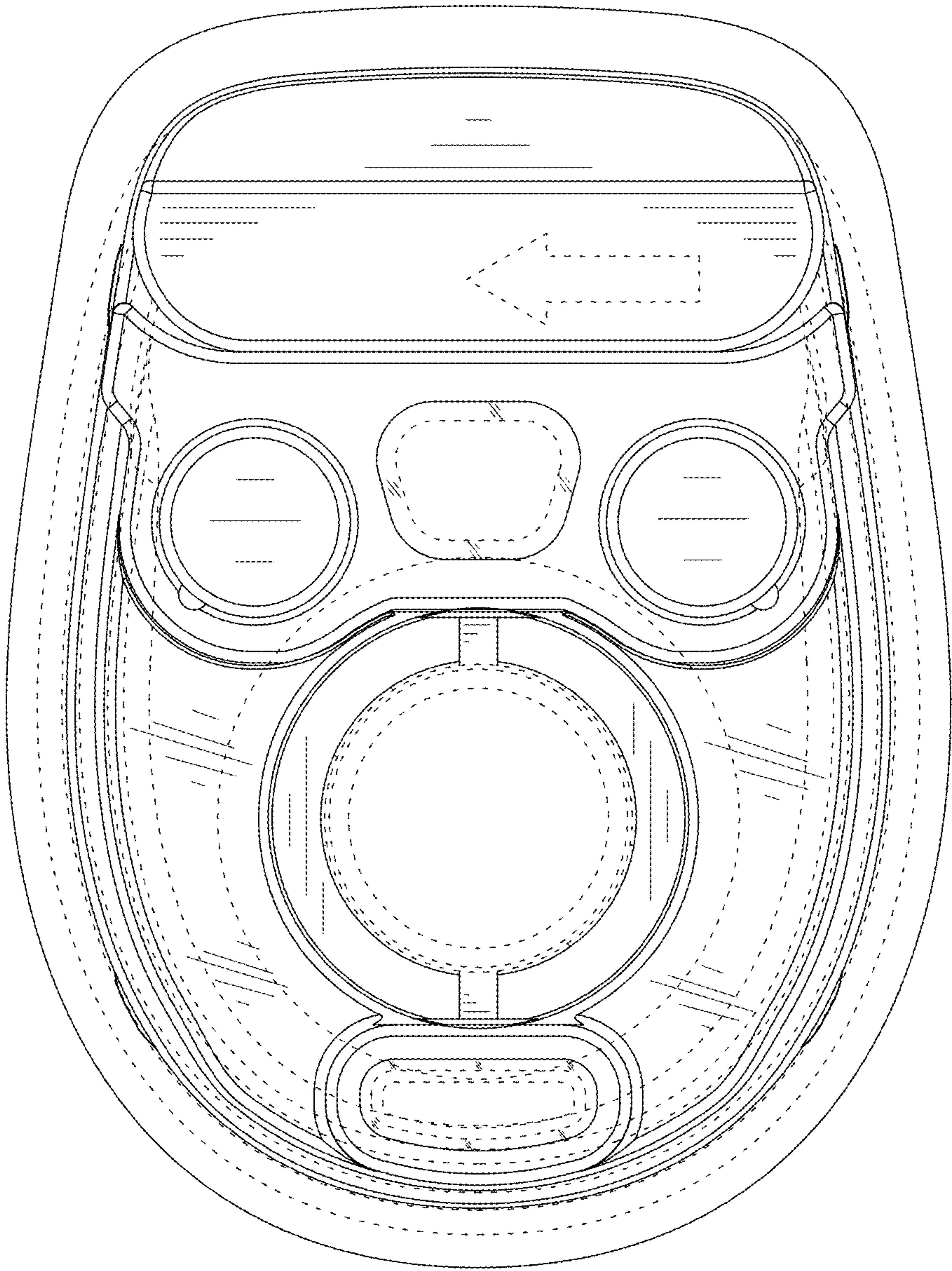


FIG. 40