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(12)

United States Design Patent

Bie et al.

(10)

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(45)

Date of Patent:

** Jun. 11, 2024

(54) ATOMIZER FOR ELECTRONIC CIGARETTE

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(72) Inventors: Chaoyong Bie, Shenzhen (CN); Baosheng Lai, Shenzhen (CN)

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

(**) Term: 15 Years

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(30) Foreign Application Priority Data

Oct. 20, 2020 (CN) 202030624907.1

(51) LOC (14) Cl. 27-02

(52) U.S. Cl. D27/162

(58) Field of Classification Search

USPC D27/162, 100, 101, 163–170, 172, D27/174–176, 183, 185–194; D24/110, (Continued)

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(Continued)

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Primary Examiner — Rebecca Tsehaye
(74) Attorney, Agent, or Firm — LADAS & PARRY LLP

(57) CLAIM

The ornamental design for an atomizer for electronic cigarette, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an atomizer for electronic cigarette showing a first embodiment of my new design shown as component 1 removed from the assembly in FIGS. 27-34 for clarity of disclosure;

FIG. 2 is another perspective view thereof;

FIG. 3 is a front elevation view thereof;

FIG. 4 is a rear elevation view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a top view thereof;

FIG. 8 is a bottom view thereof;

FIG. 9 is a partial enlarged view showing the part indicated by reference numeral 9 in FIG. 1;

FIG. 10 is a perspective view of an atomizer for electronic cigarette showing a second embodiment of my new design shown as component 2 removed from the assembly in FIGS. 35-42 for clarity of disclosure;

FIG. 11 is another perspective view thereof;

FIG. 12 is a front elevation view thereof;

FIG. 13 is a rear elevation view thereof;

FIG. 14 is a left side view thereof;

FIG. 15 is a right side view thereof;

FIG. 16 is a top view thereof;

FIG. 17 is a bottom view thereof;

FIG. 18 is a partial enlarged view showing the part indicated by reference numeral 18 in FIG. 10;

FIG. 19 is a perspective view of an atomizer for electronic cigarette showing the first embodiment and the second embodiment of my new design shown as component 3 removed from the assembly in FIGS. 27-34 and FIGS. 35-42 for clarity of disclosure;

FIG. 20 is another perspective view thereof;

FIG. 21 is a front elevation view thereof;

FIG. 22 is a rear elevation view thereof;

(Continued)

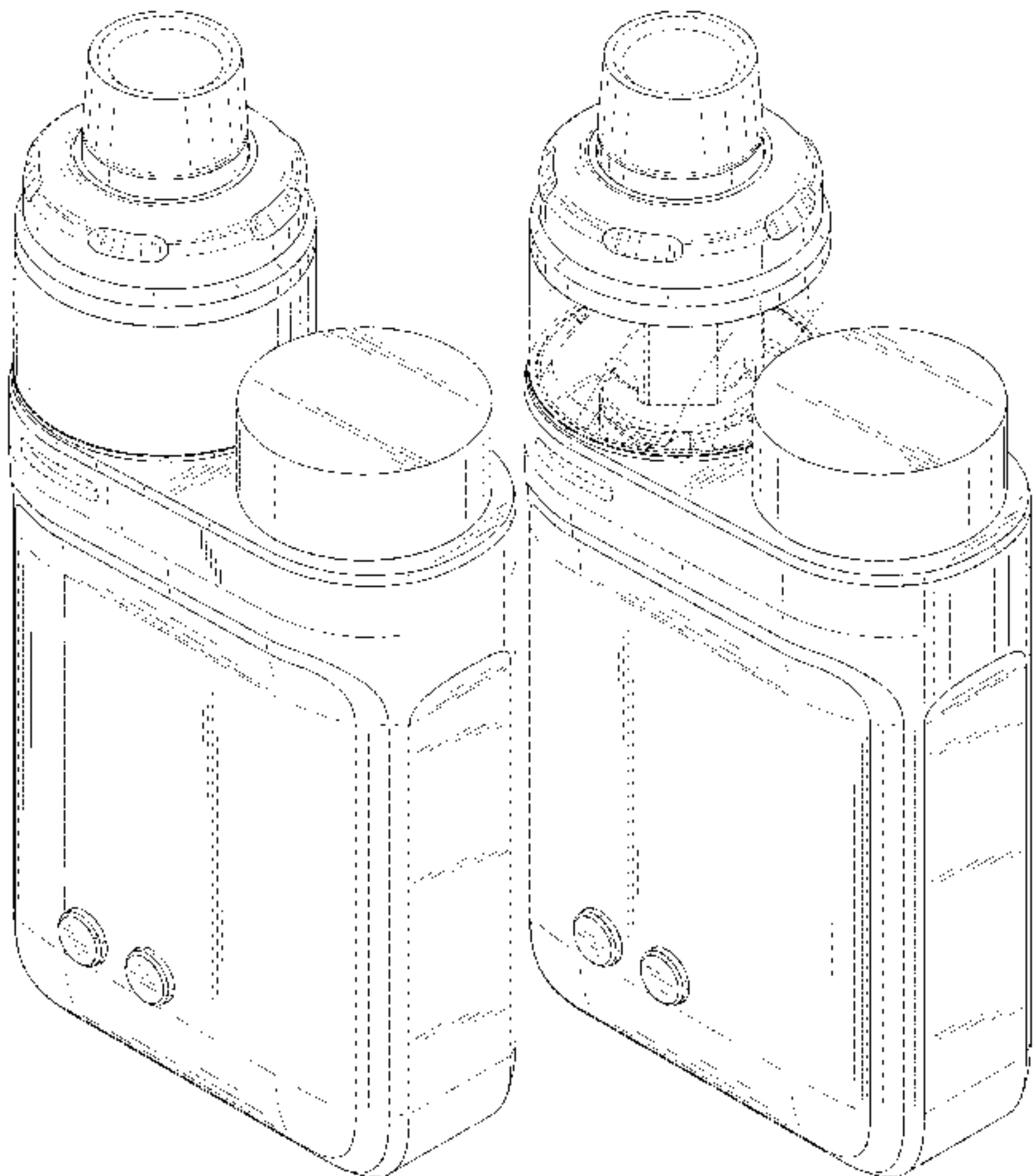


FIG. 23 is a left side view thereof;
FIG. 24 is a right side view thereof;
FIG. 25 is a top view thereof;
FIG. 26 is a bottom view thereof;
FIG. 27 is a perspective view of an atomizer for electronic cigarette showing the first embodiment of my new design where the component 1 and the component 3 are shown in an assembled state of use;
FIG. 28 is another perspective view thereof;
FIG. 29 is a front elevation view thereof;
FIG. 30 is a rear elevation view thereof;
FIG. 31 is a left side view thereof;
FIG. 32 is a right side view thereof;
FIG. 33 is a top view thereof;
FIG. 34 is a bottom view thereof;
FIG. 35 is a perspective view of an atomizer for electronic cigarette showing the second embodiment of my new design where the component 2 and the component 3 are shown in an assembled state of use;
FIG. 36 is another perspective view thereof;
FIG. 37 is a front elevation view thereof;
FIG. 38 is a rear elevation view thereof;
FIG. 39 is a left side view thereof;
FIG. 40 is a right side view thereof;
FIG. 41 is a top view thereof; and,
FIG. 42 is a bottom view thereof.
The dash-dash lines show portions of the atomizer for electronic cigarette that form no part of the claimed design. The short-long-dash lines in FIGS. 1, 9, 10, and 18 show the boundary of the enlarged views and forms no part of the claimed design.

1 Claim, 42 Drawing Sheets

(58) **Field of Classification Search**
USPC D24/110.5; D13/103, 107; D23/360,
D23/363, 366

CPC A24F 40/40; A24F 40/42; A24F 40/44;
A24F 40/00; A24F 40/10; A24F 40/20;
A24F 15/015; A24F 15/00; A24F 15/02;
A24F 15/12; A61M 15/00; A61M 15/06
See application file for complete search history.

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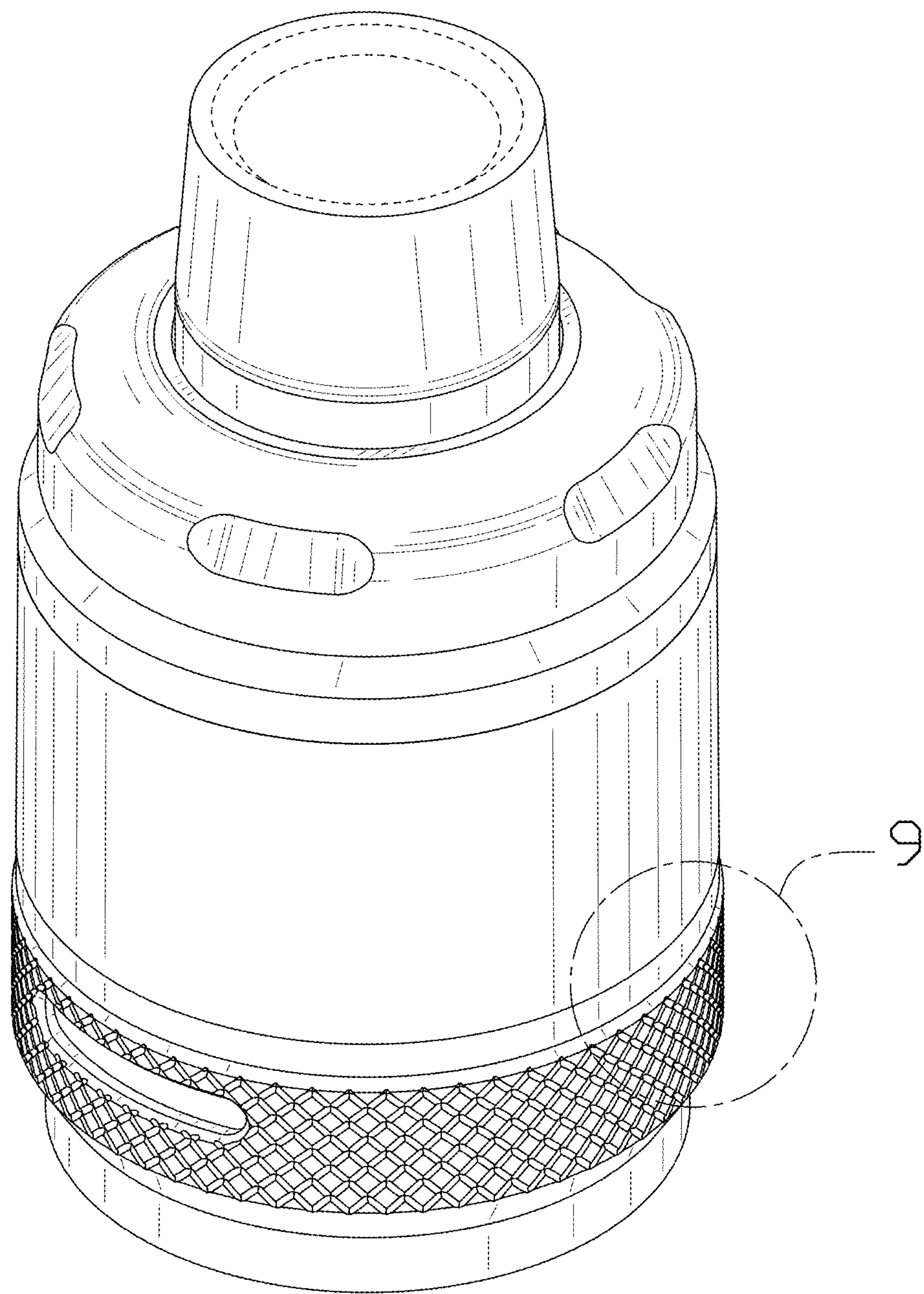


FIG. 1

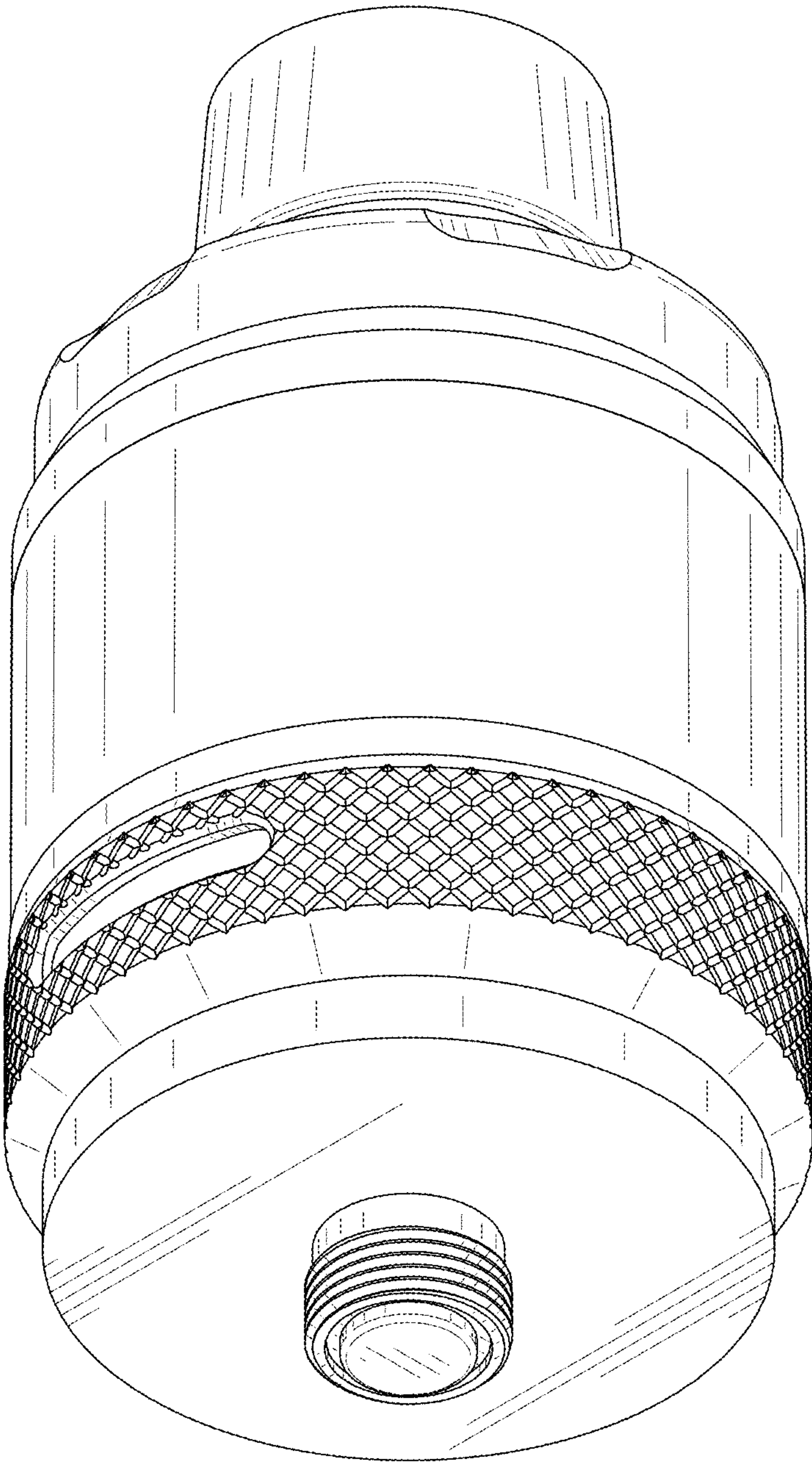


FIG. 2

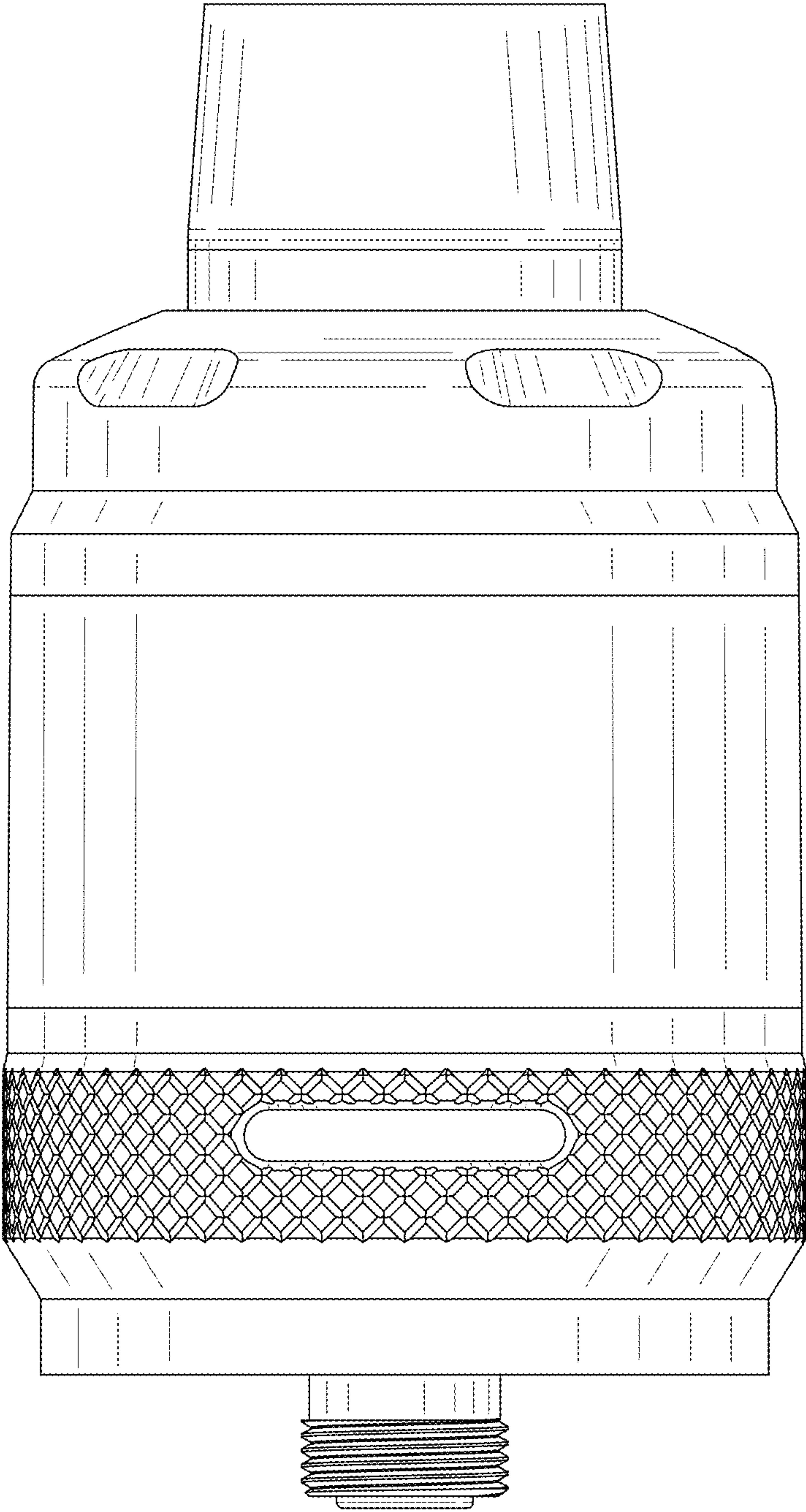


FIG. 3

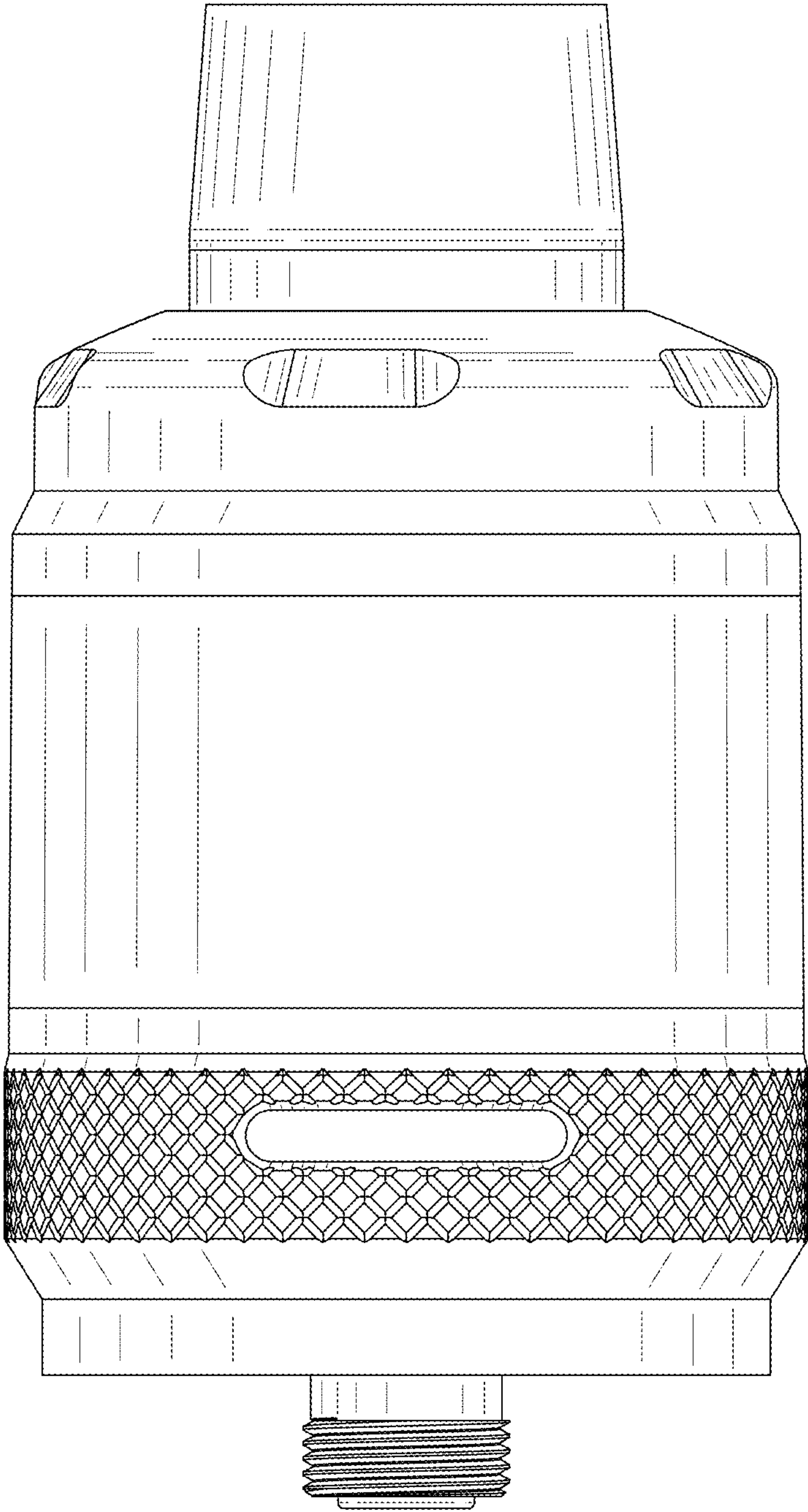


FIG. 4

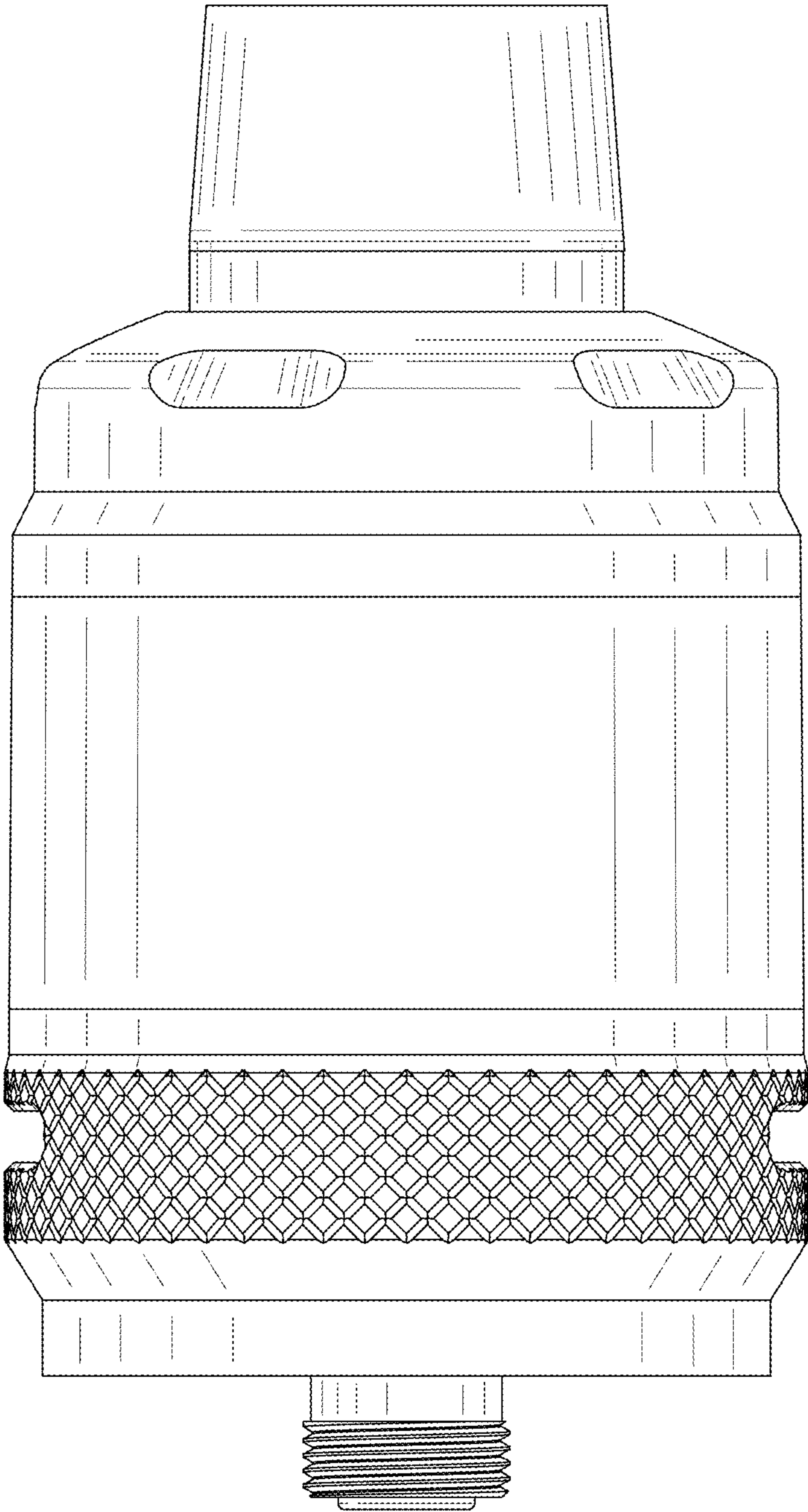


FIG. 5

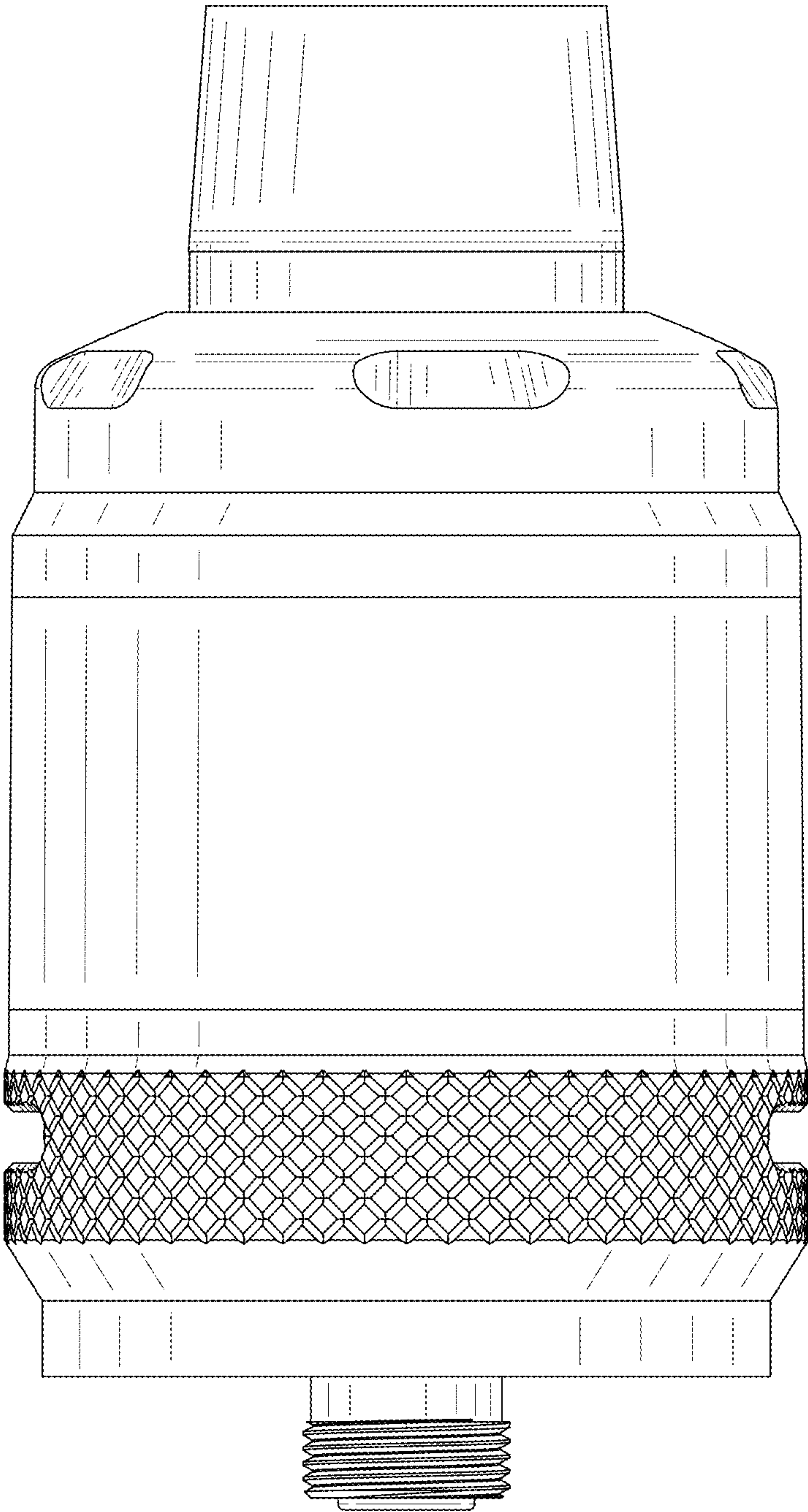


FIG. 6

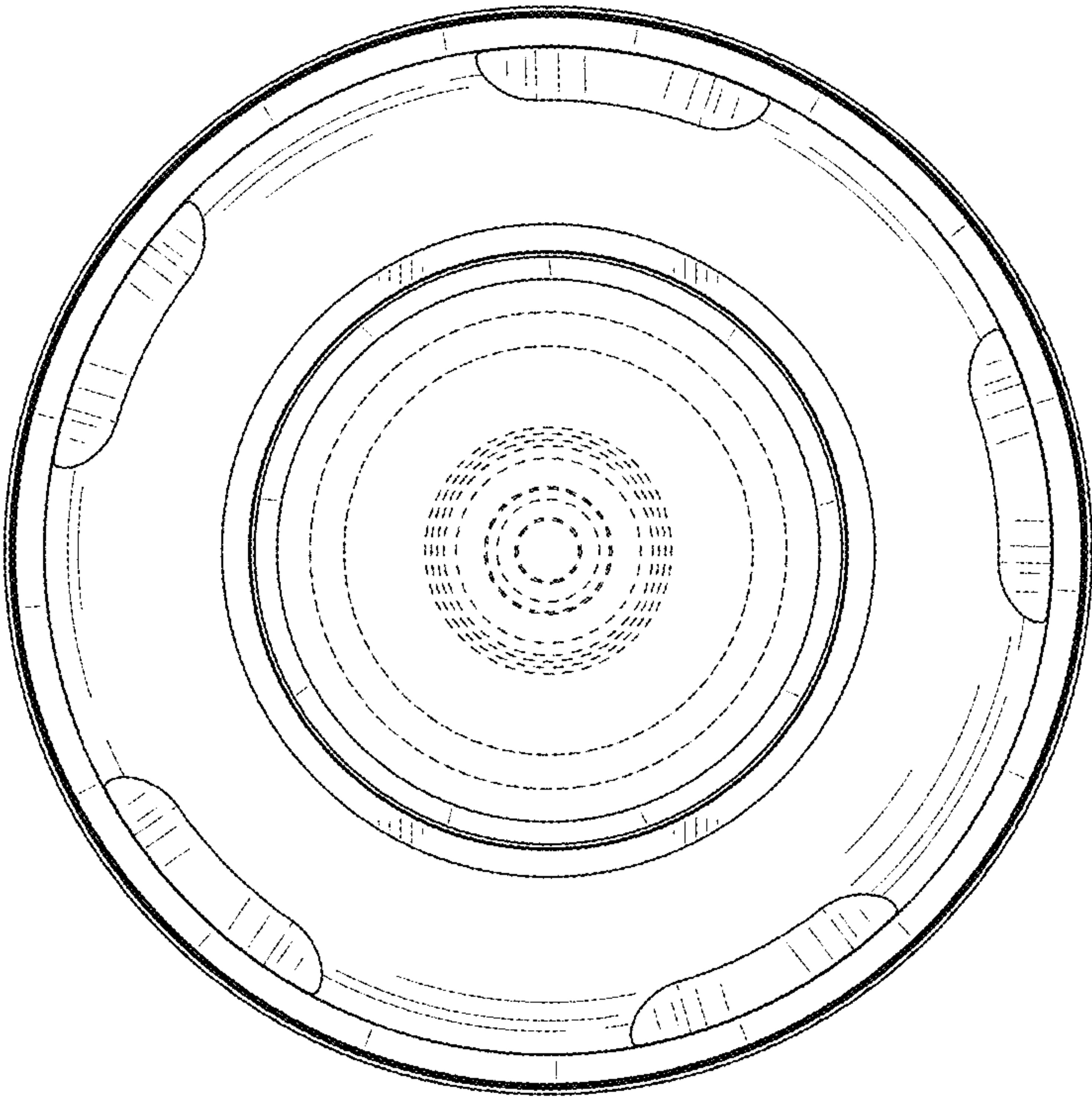


FIG. 7

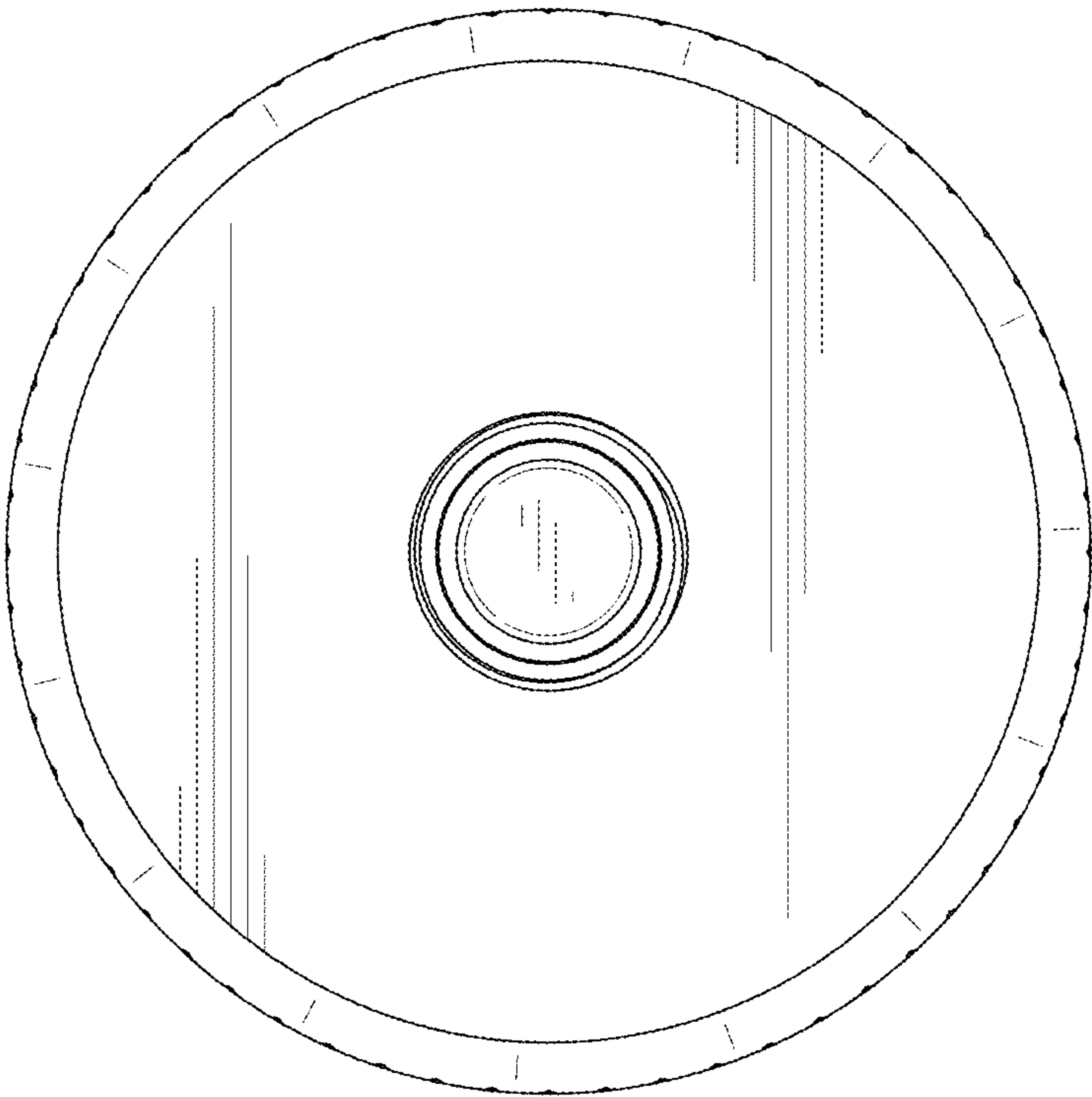


FIG. 8

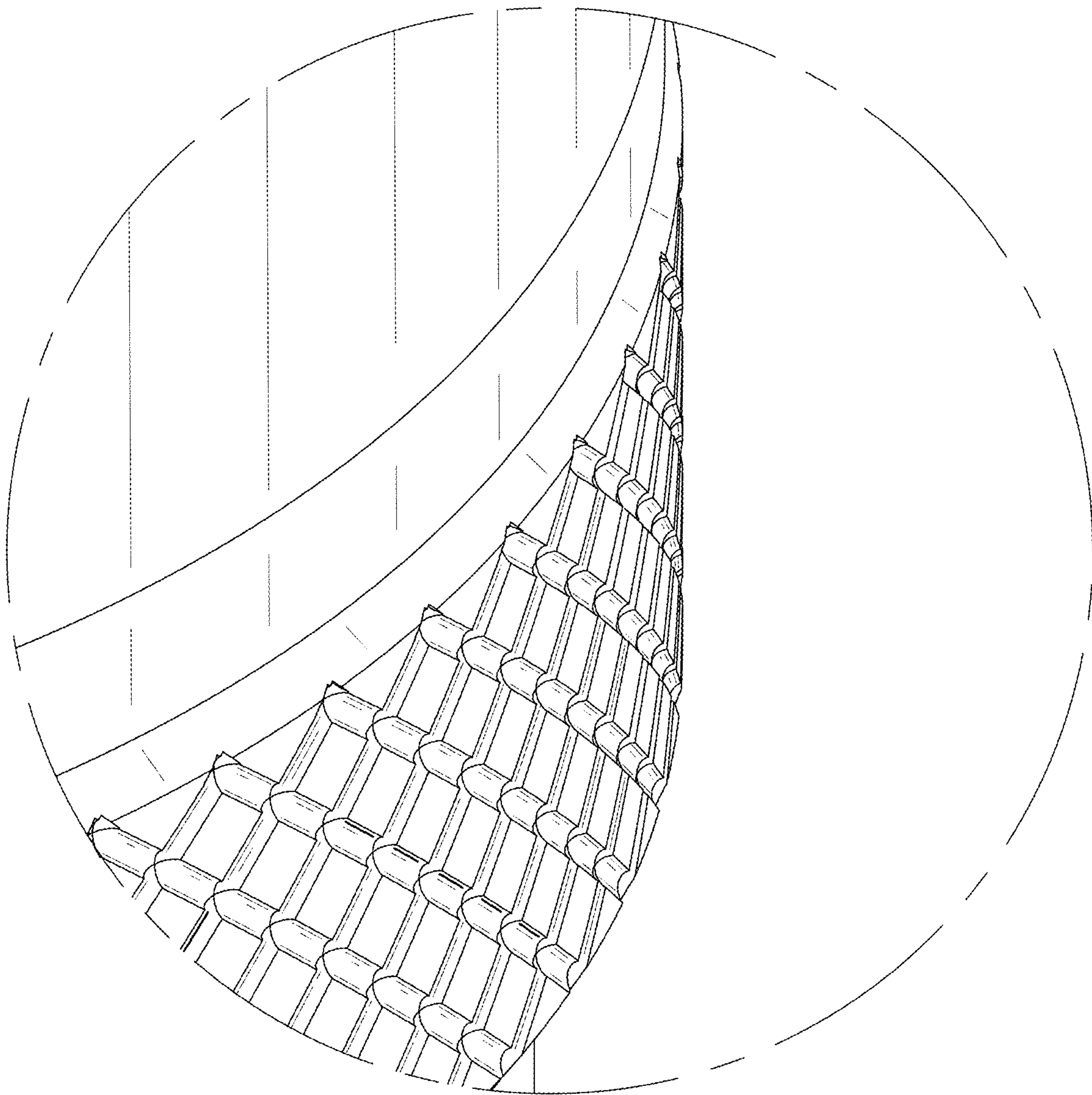


FIG. 9

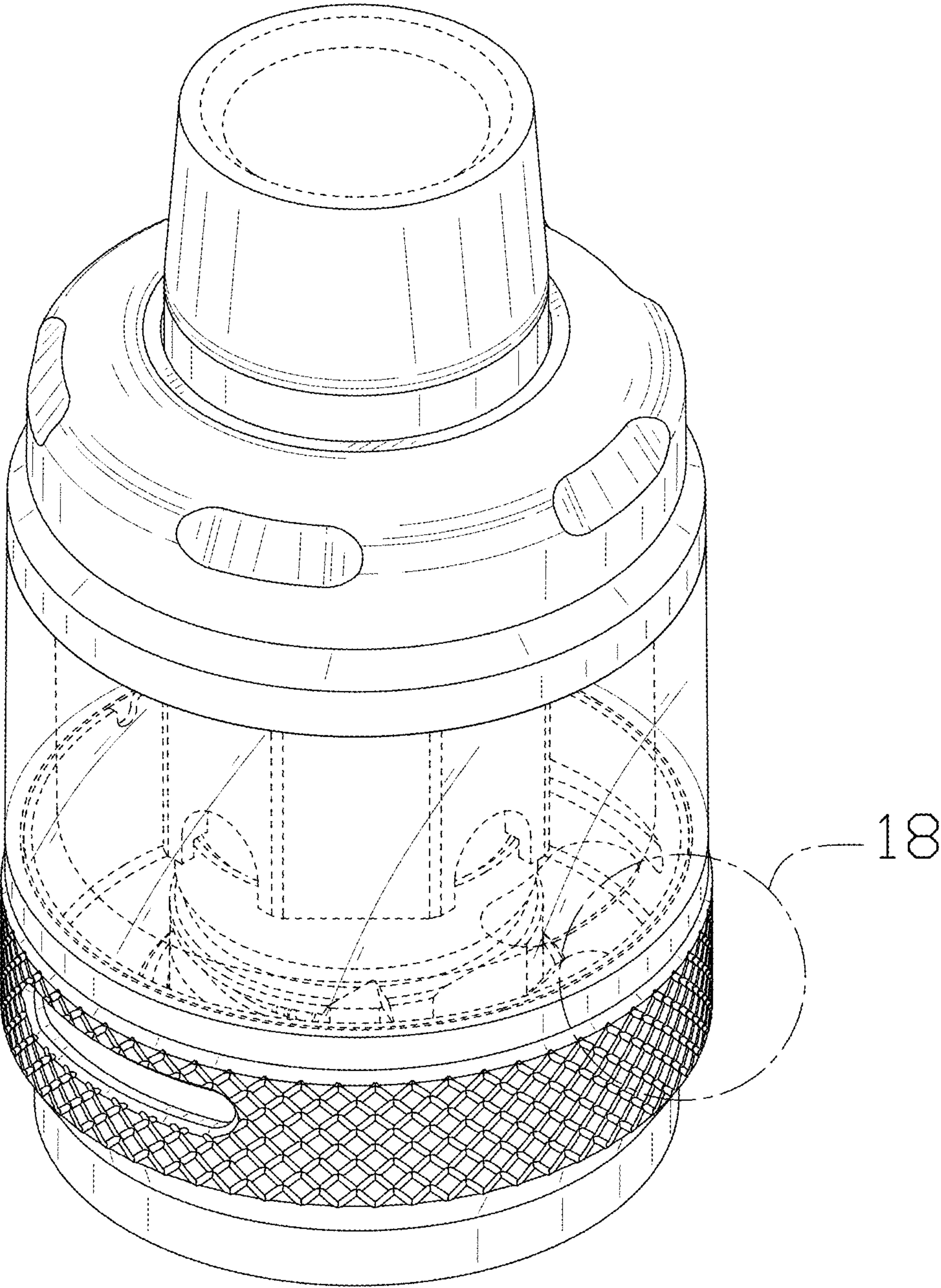


FIG. 10

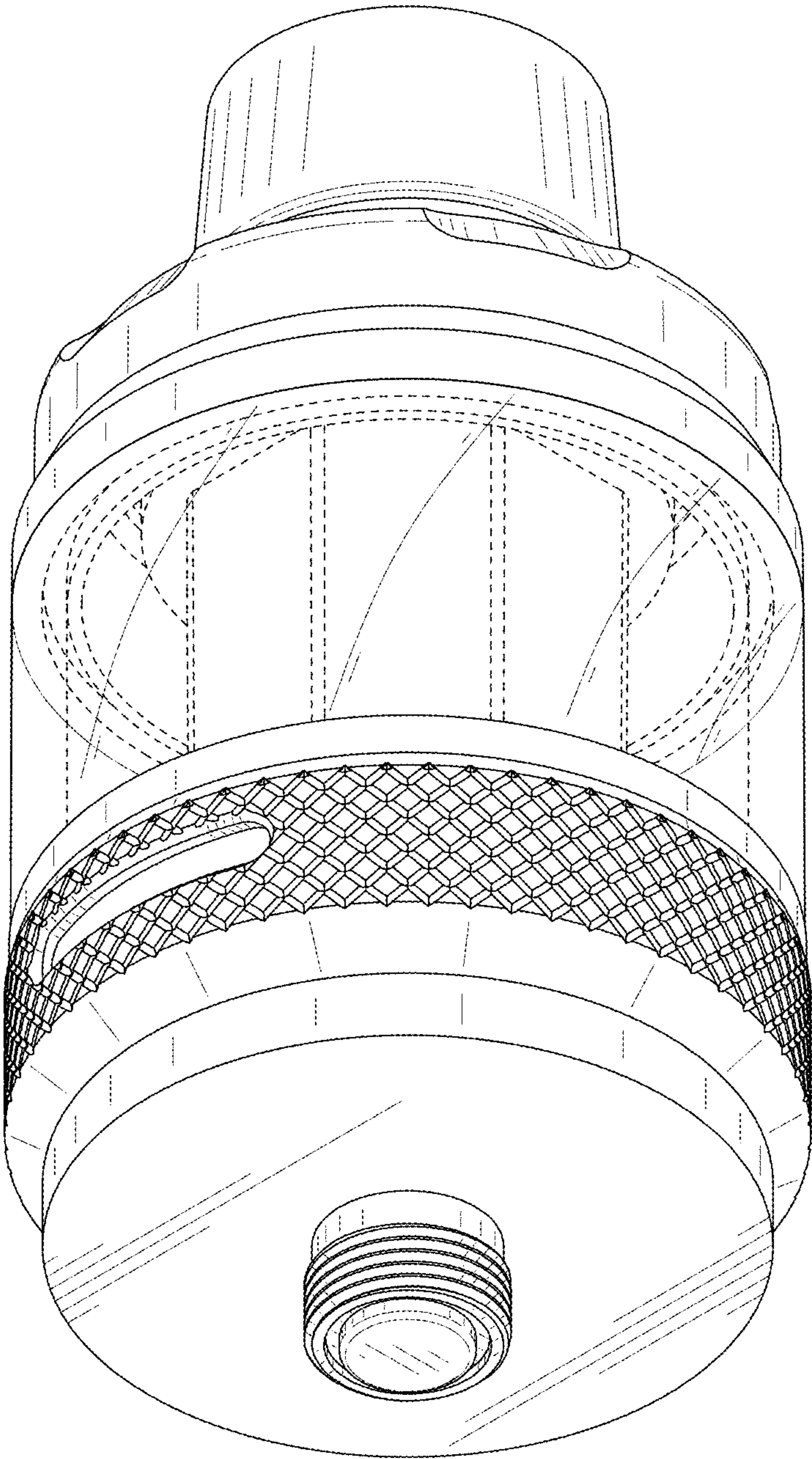


FIG. 11

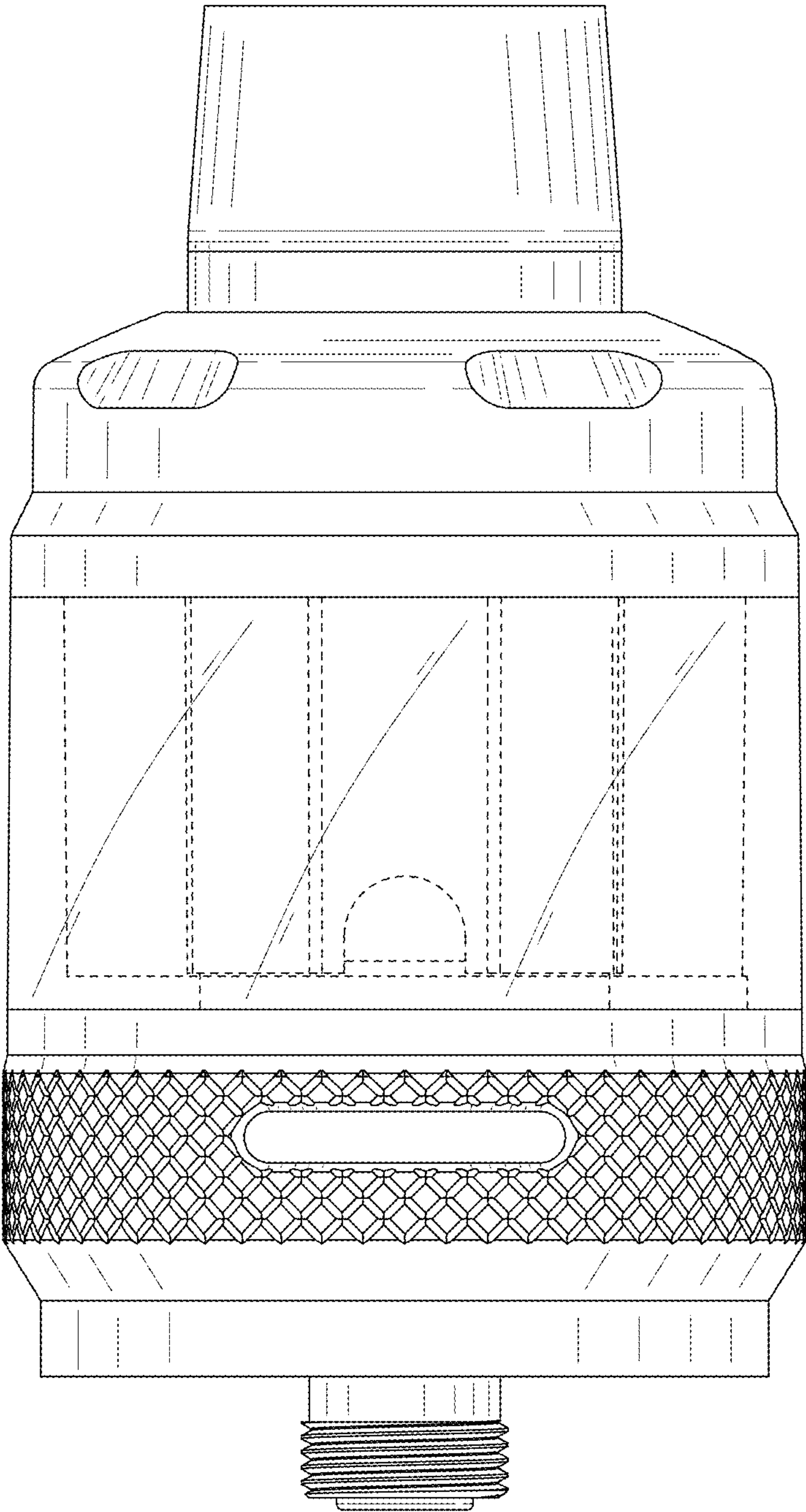


FIG. 12

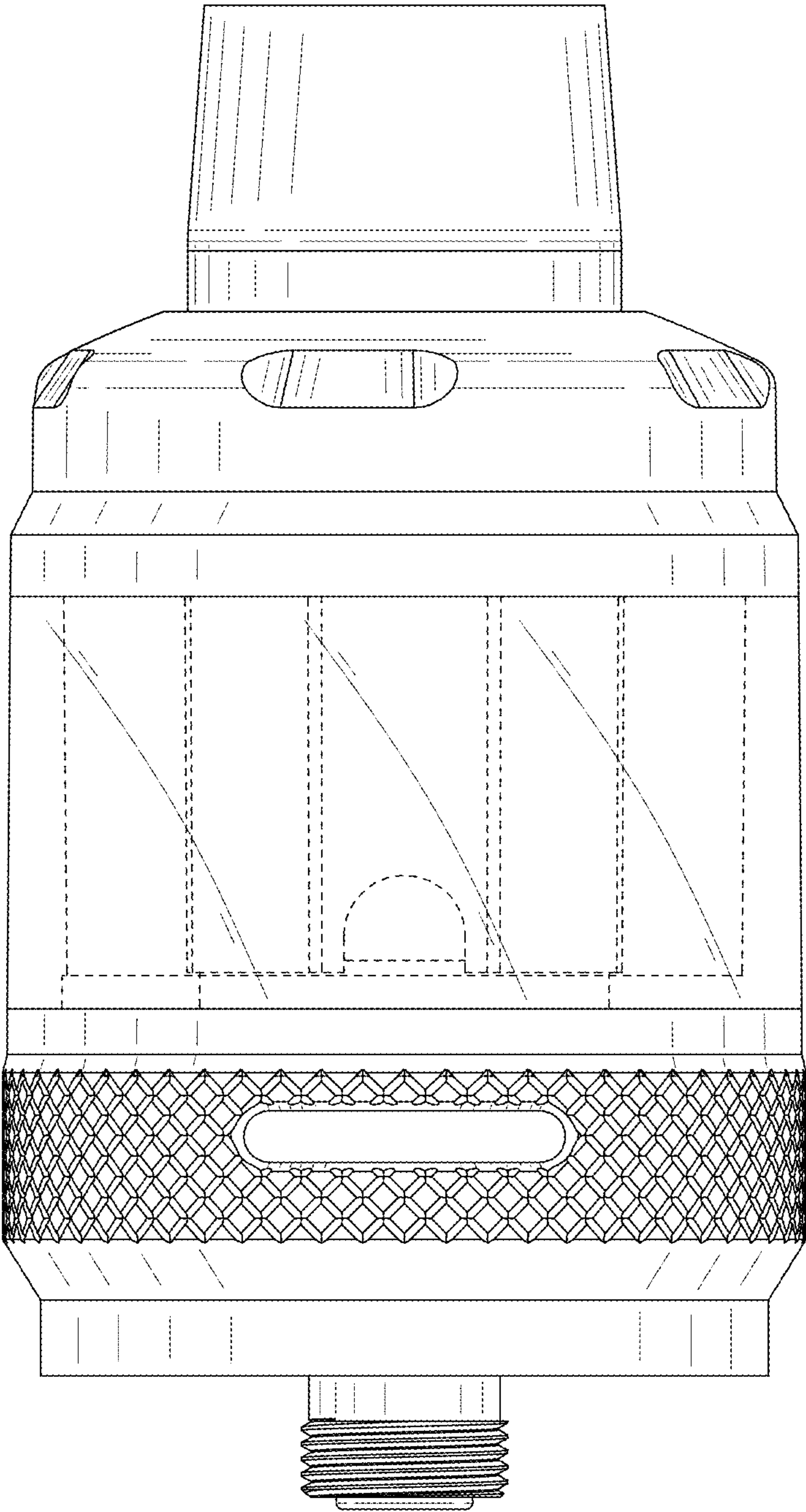


FIG. 13

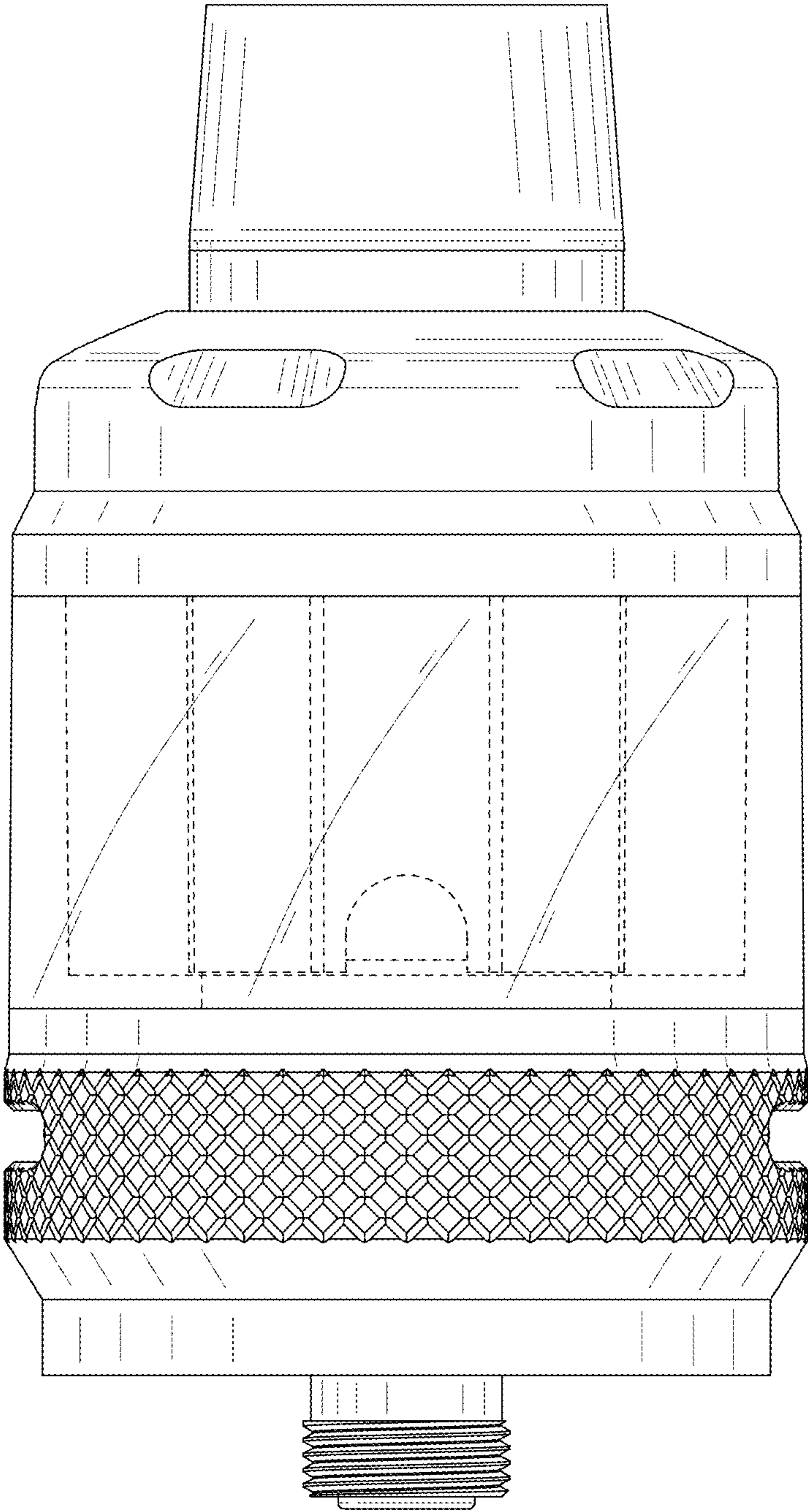


FIG. 14

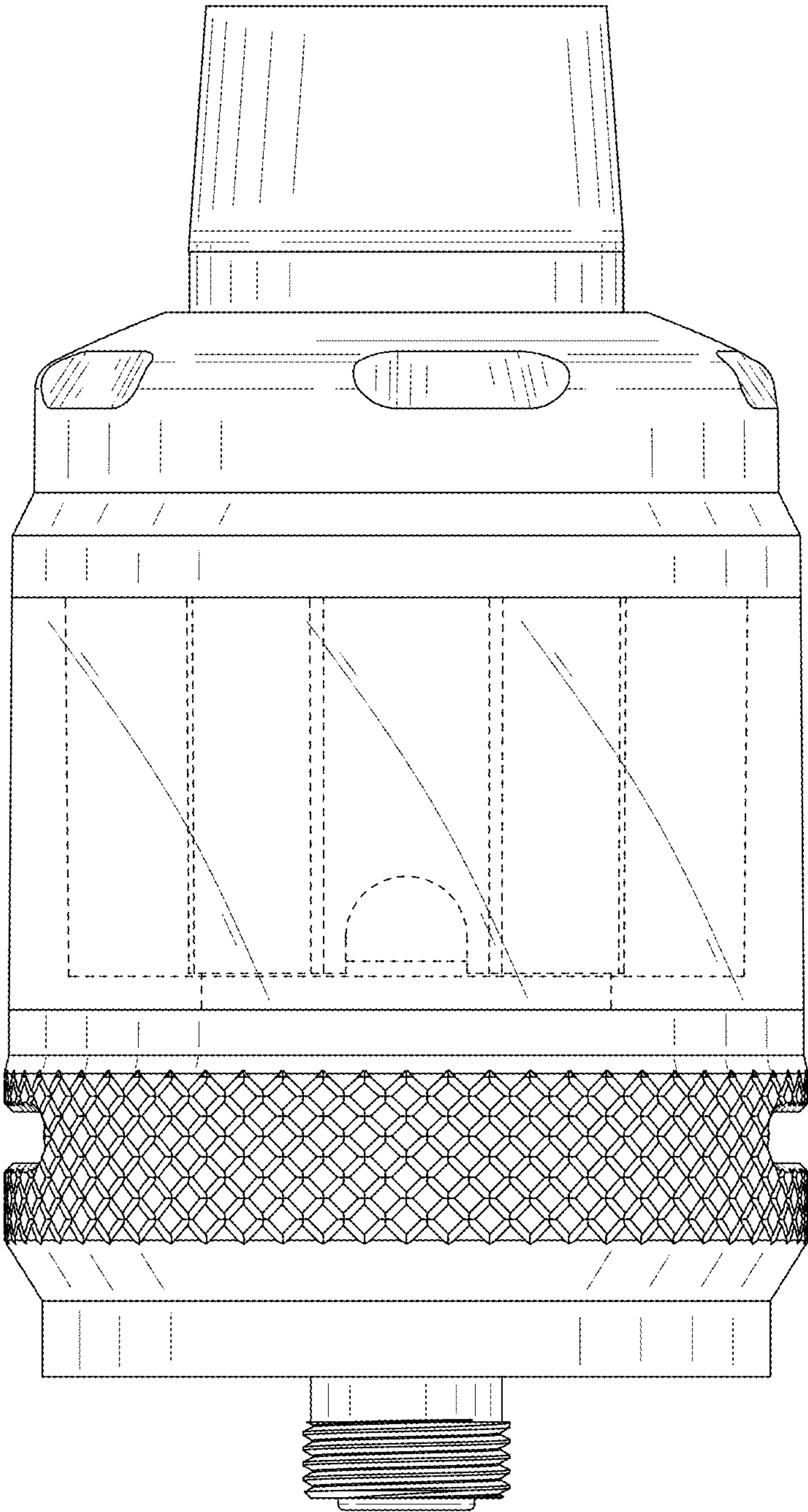


FIG. 15

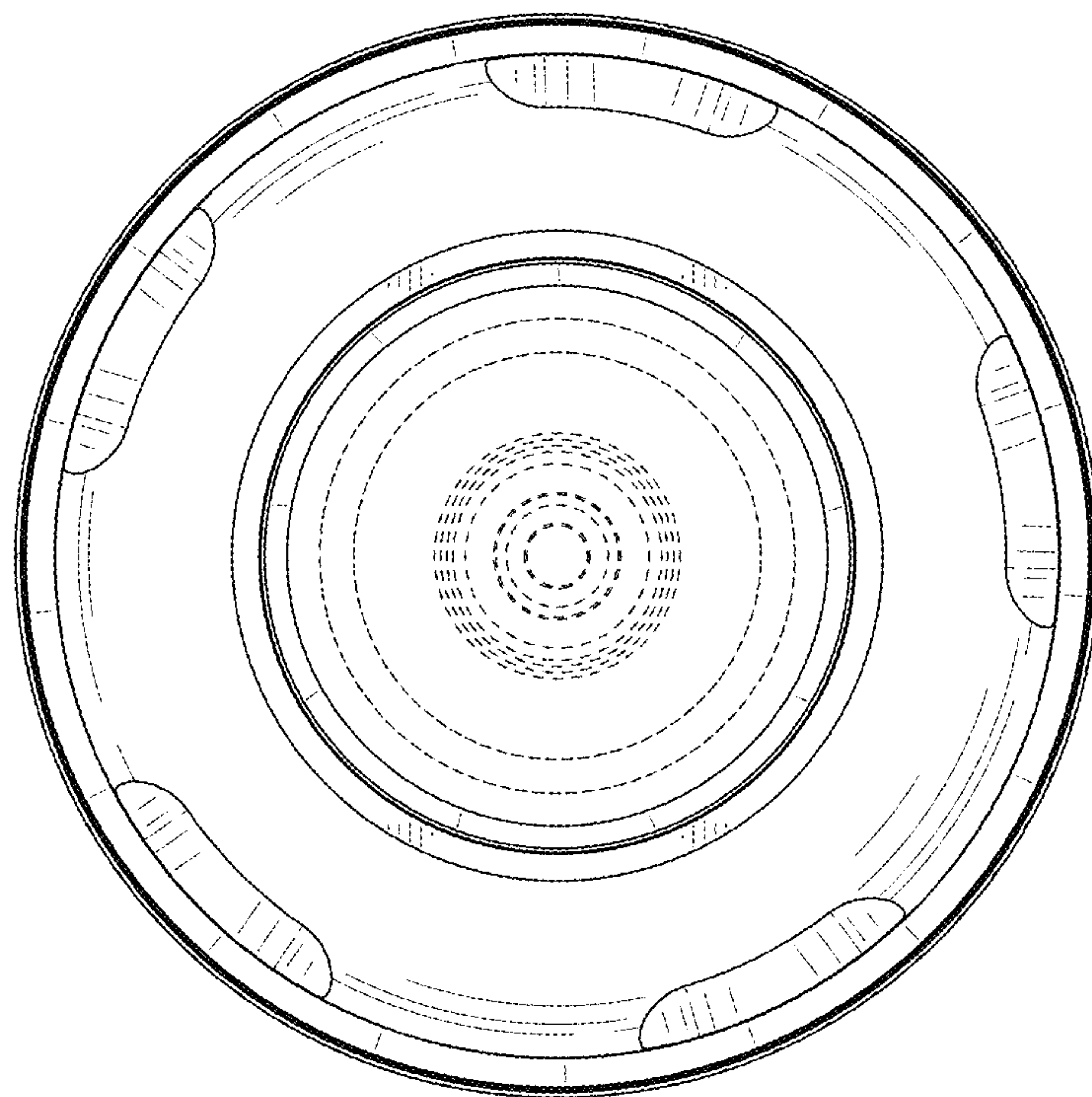


FIG. 16

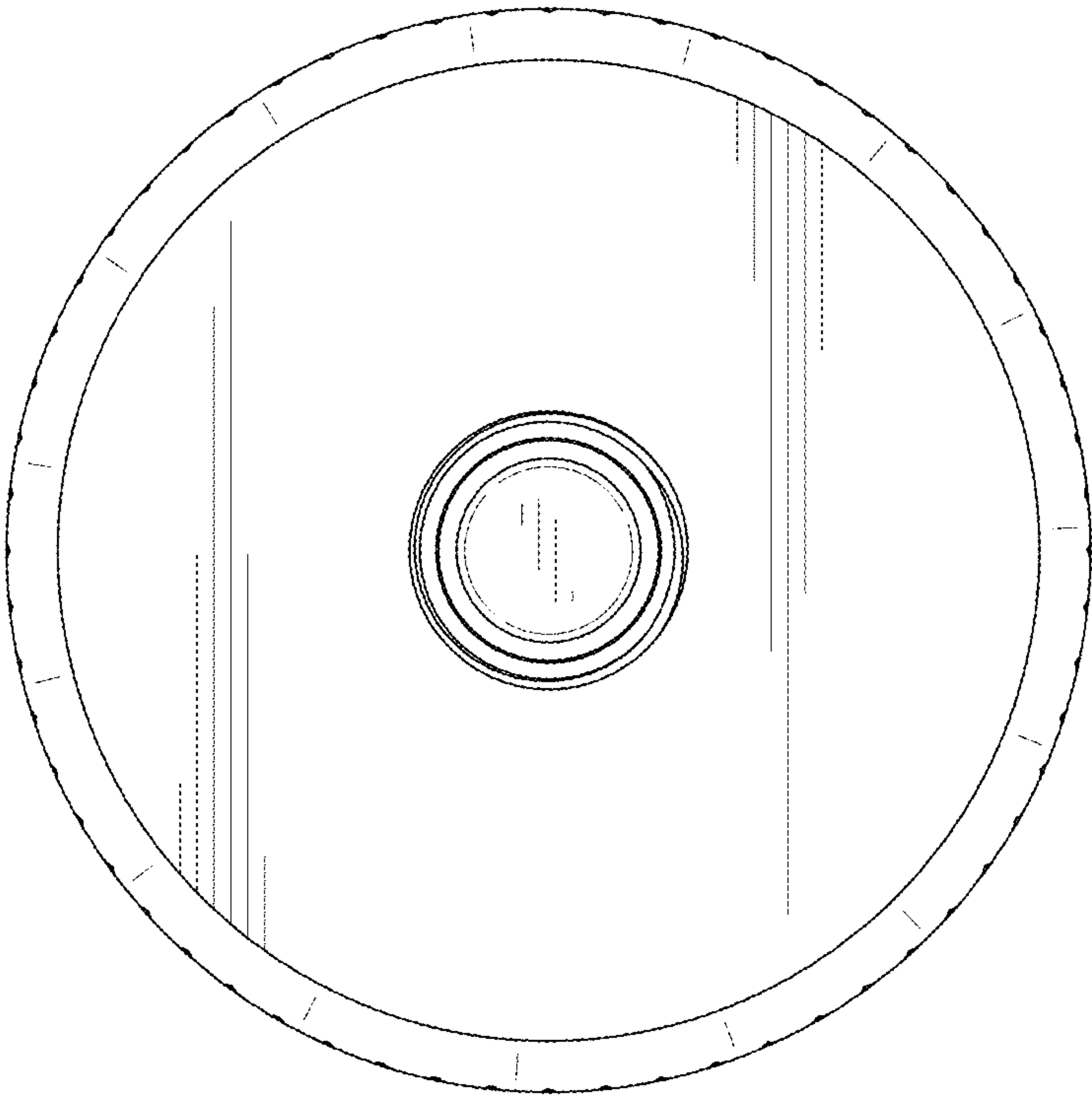


FIG. 17

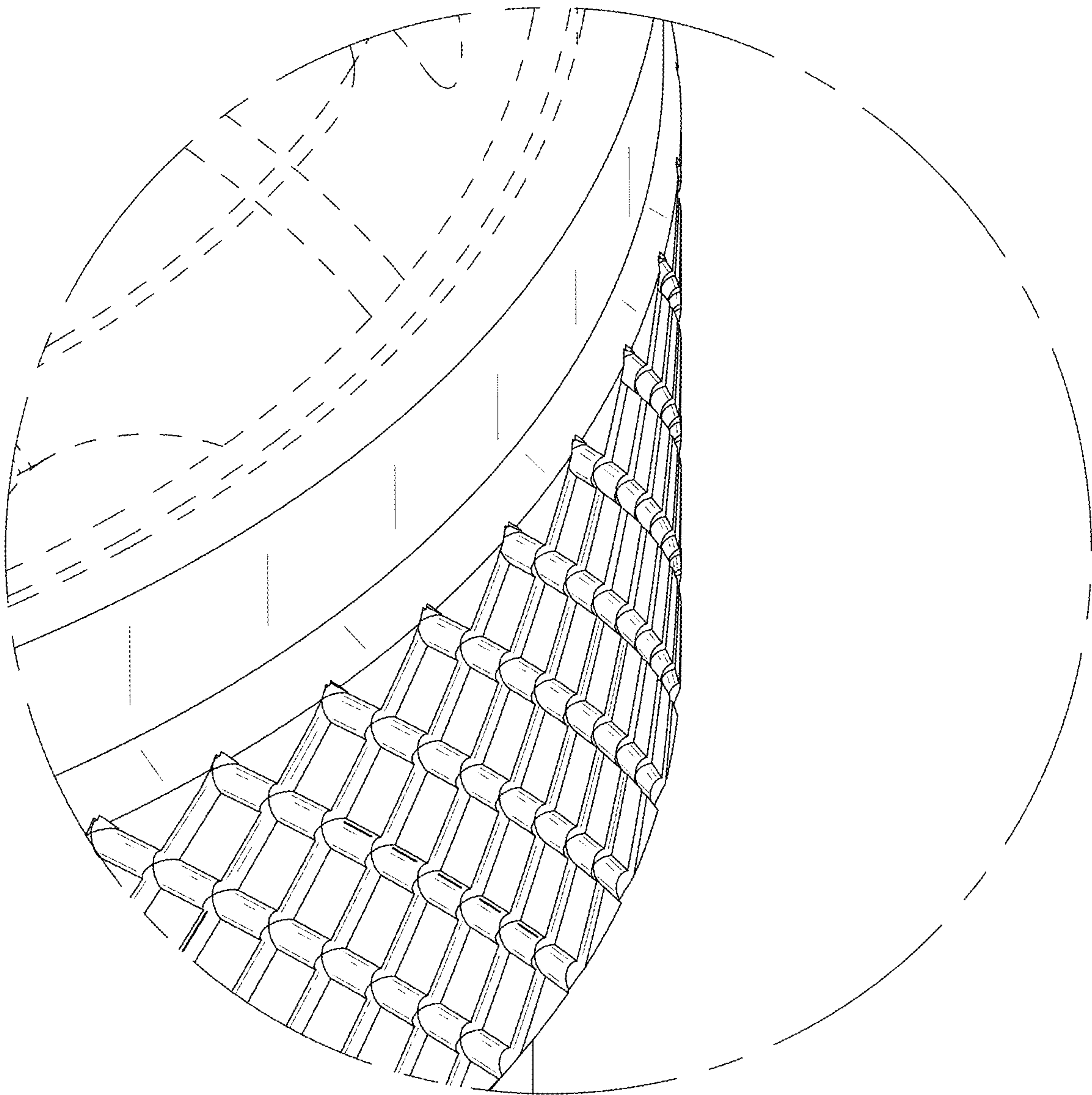


FIG. 18

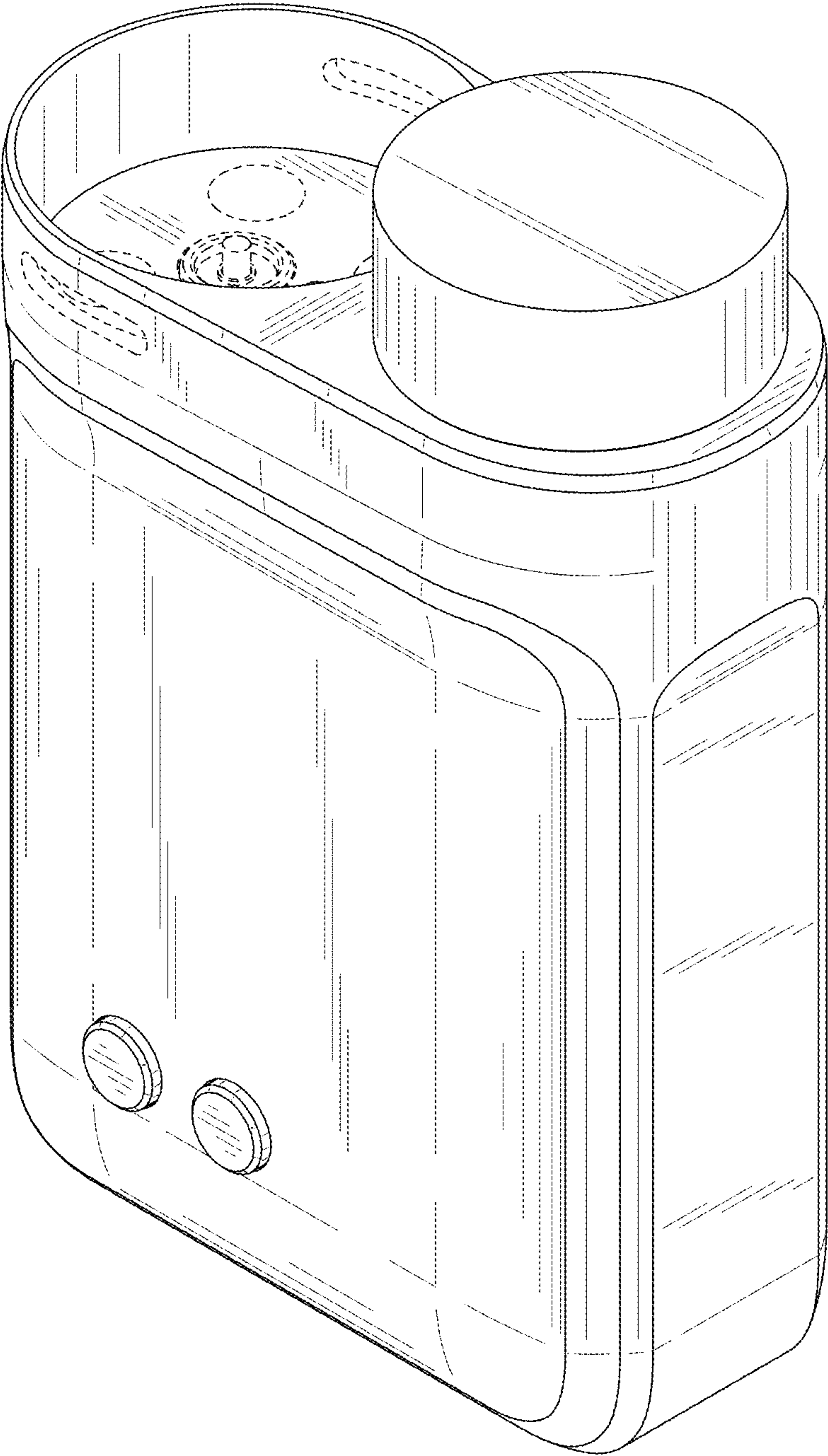


FIG. 19

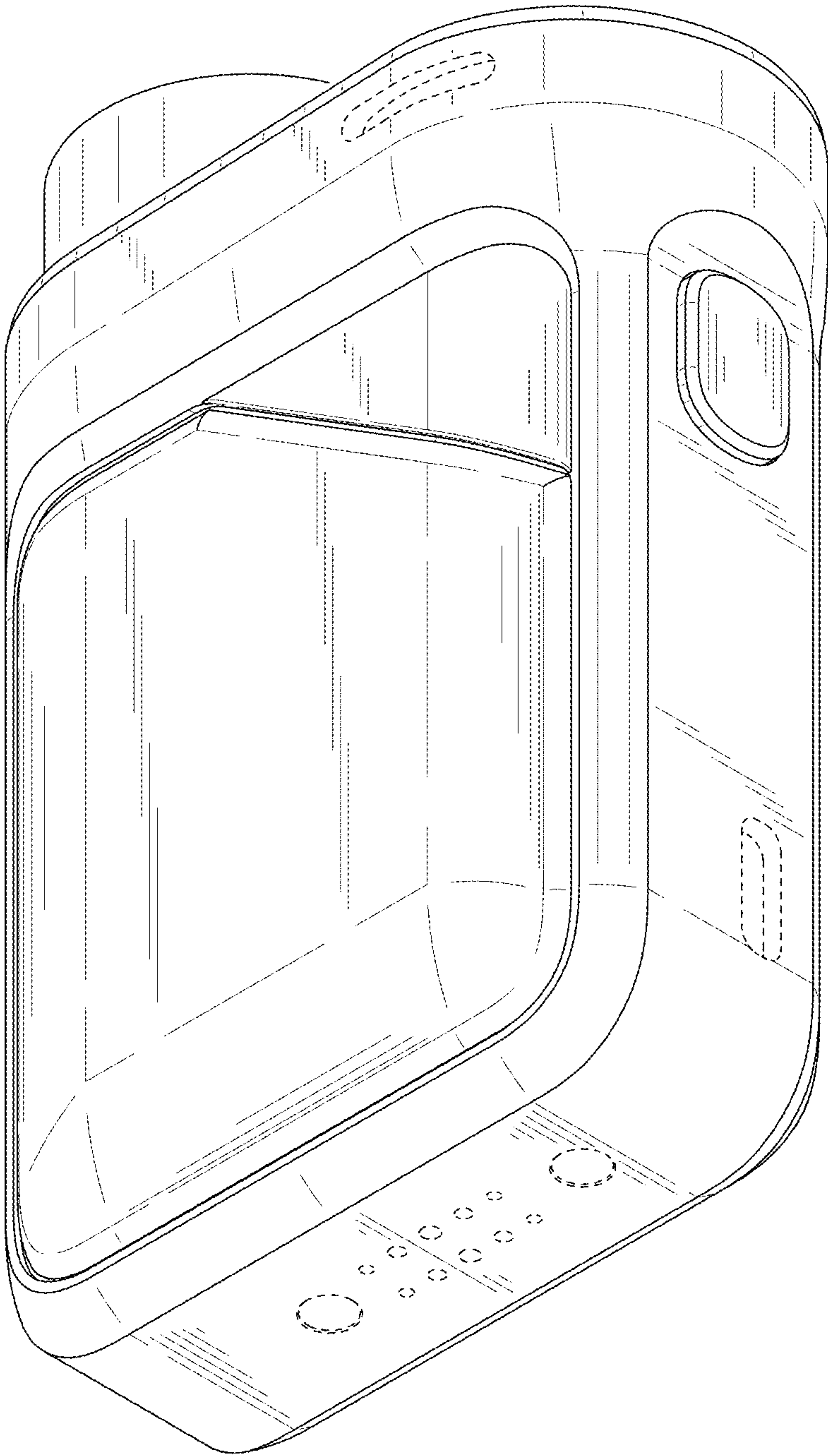


FIG. 20

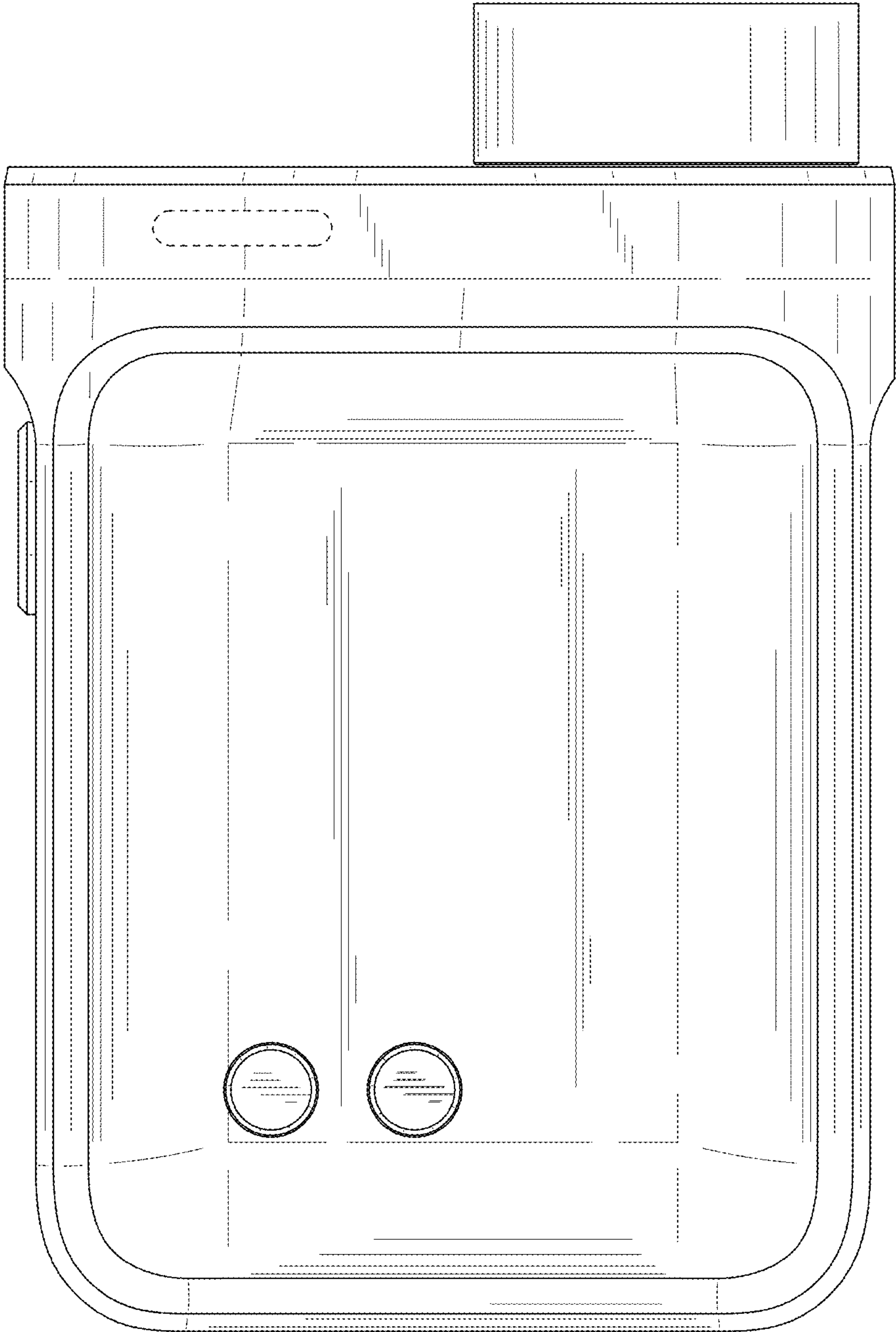


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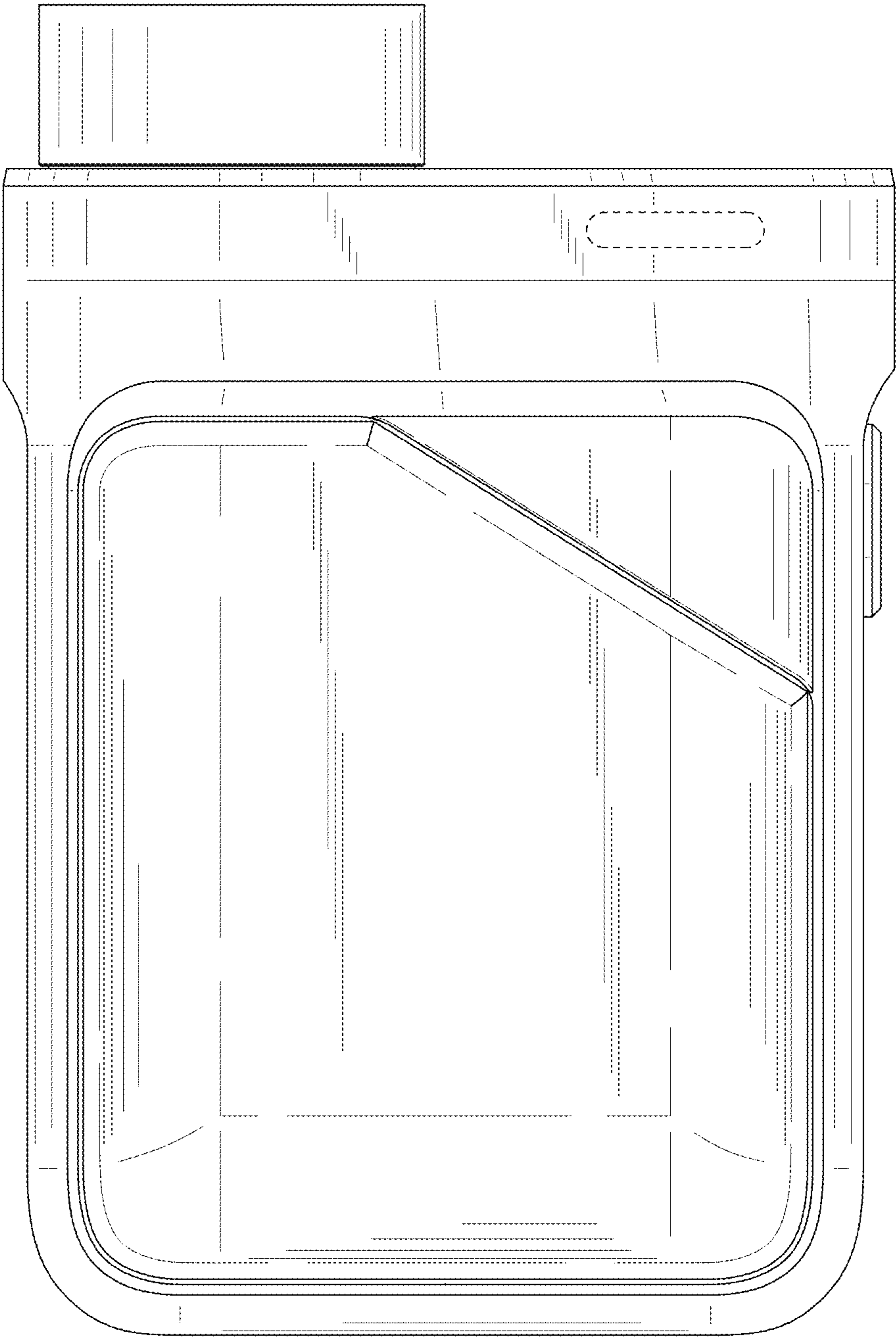


FIG. 22

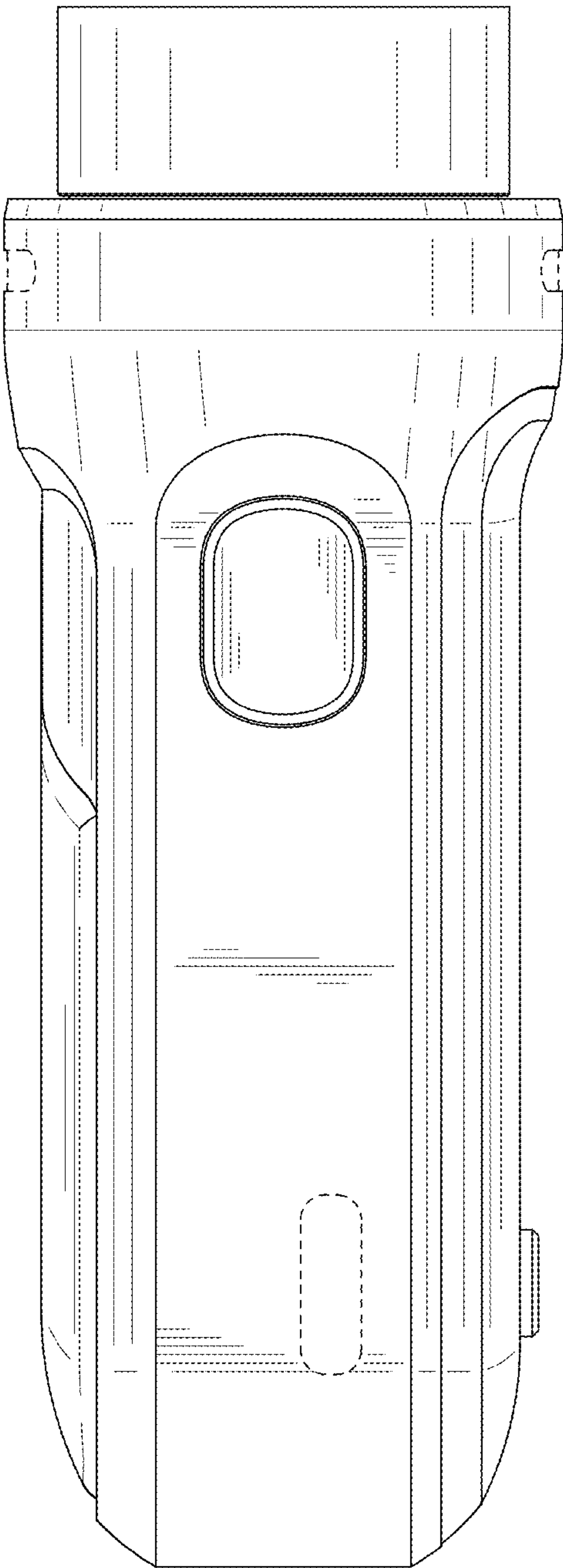


FIG. 23

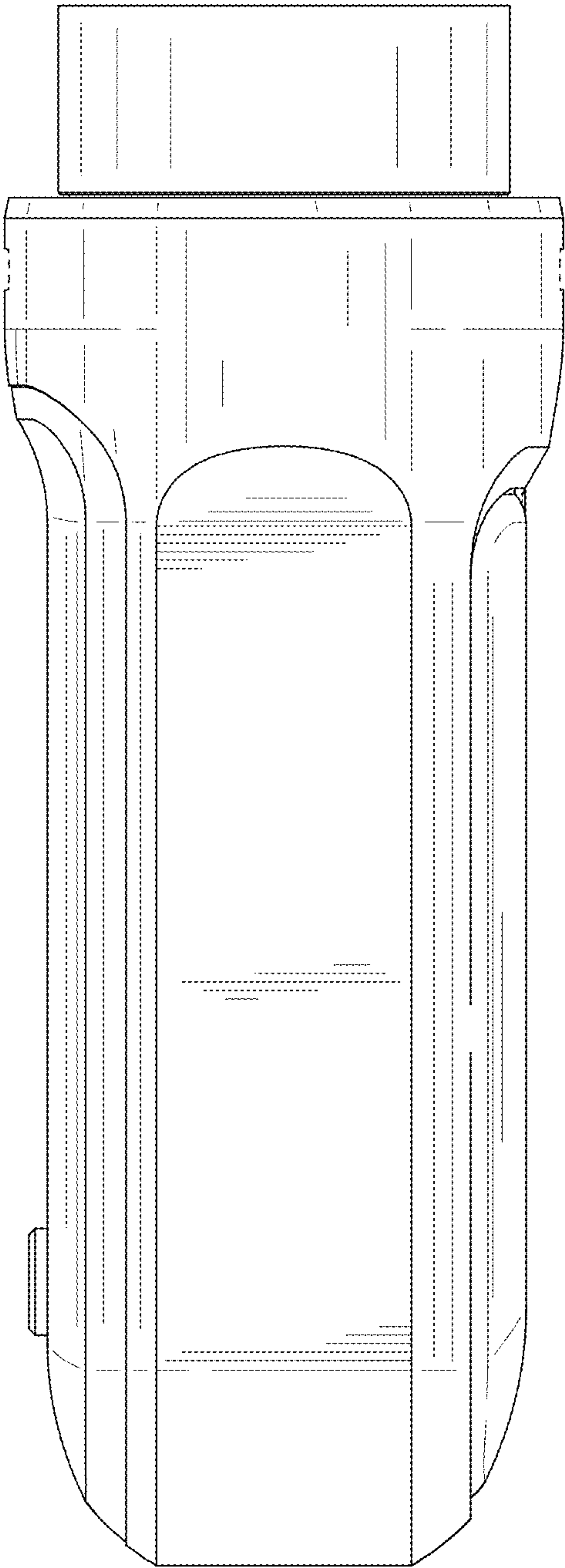


FIG. 24

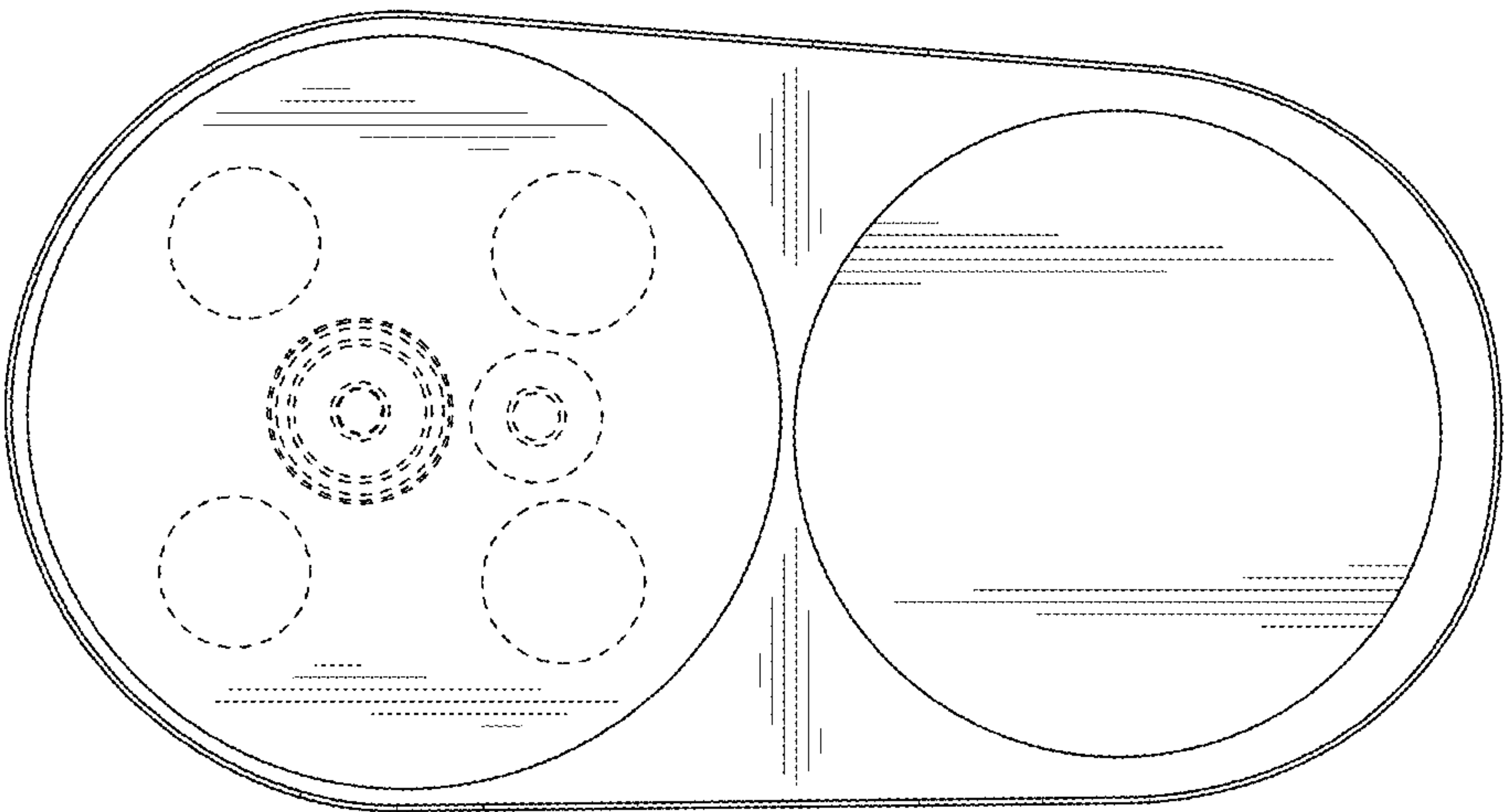


FIG. 25

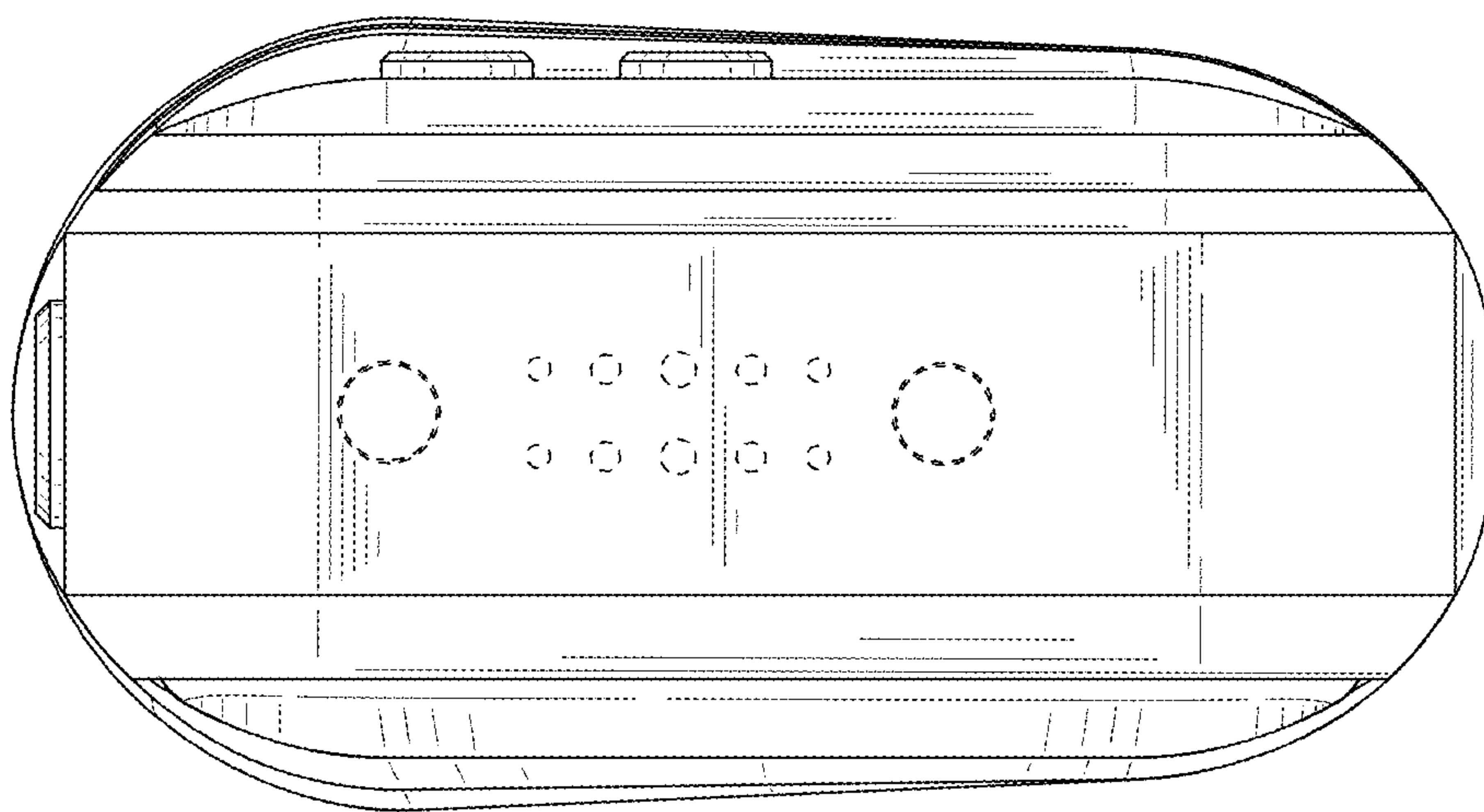


FIG. 26

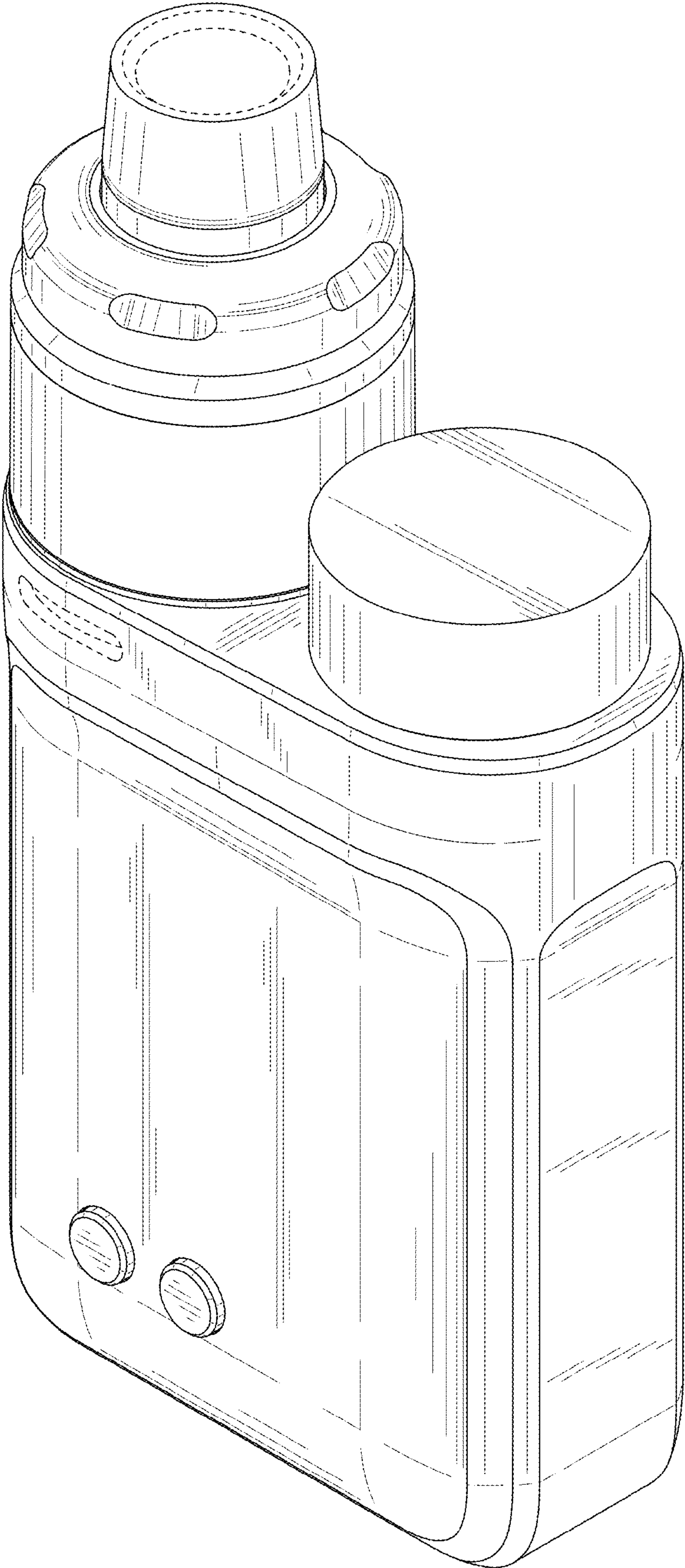


FIG. 27

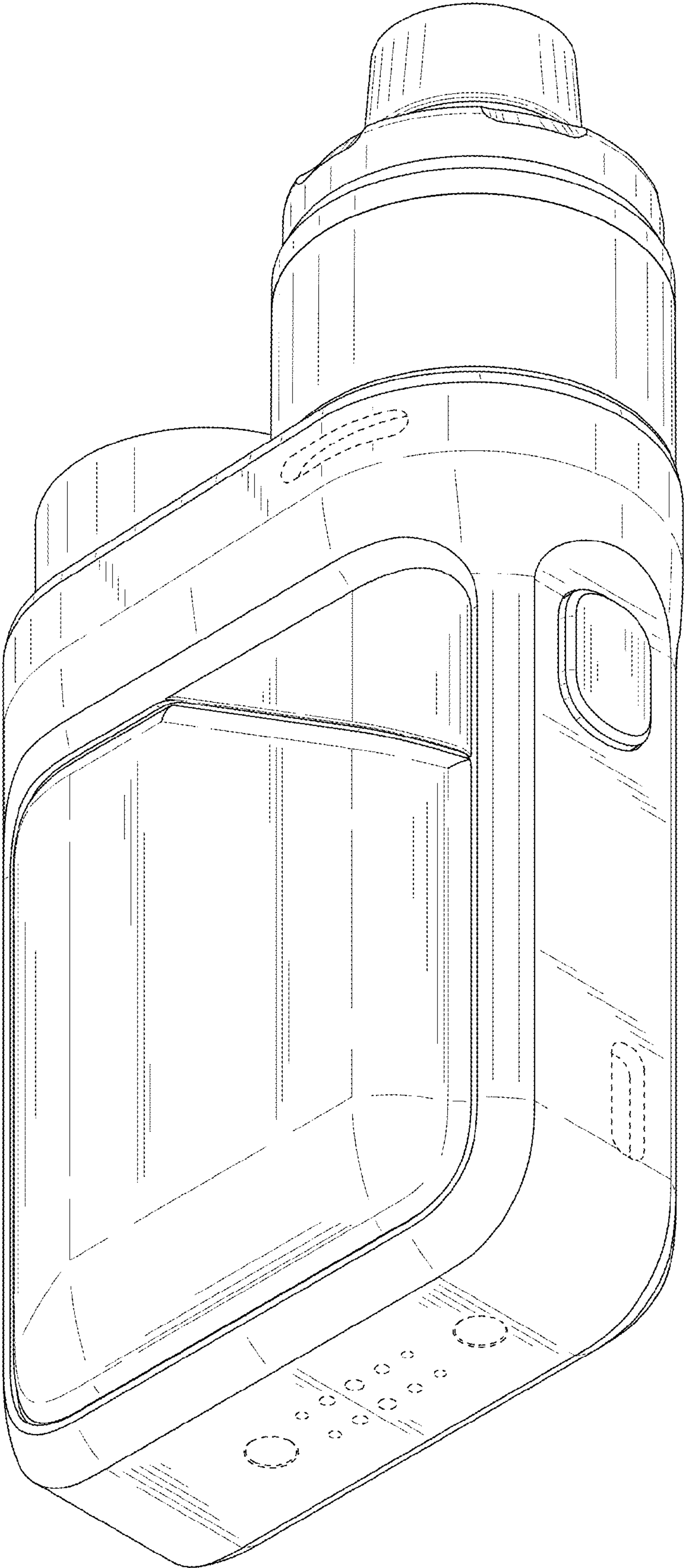


FIG. 28

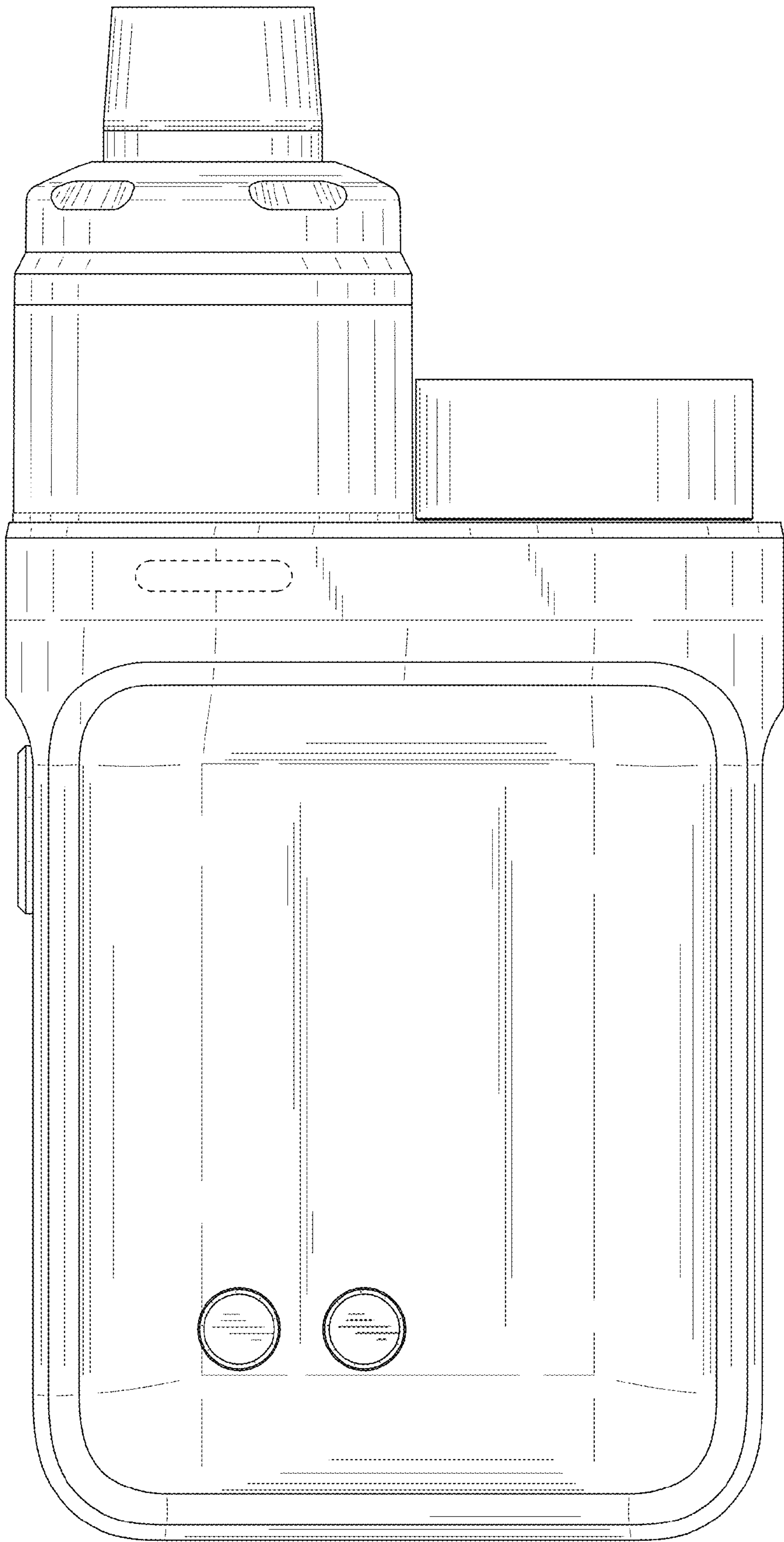


FIG. 29

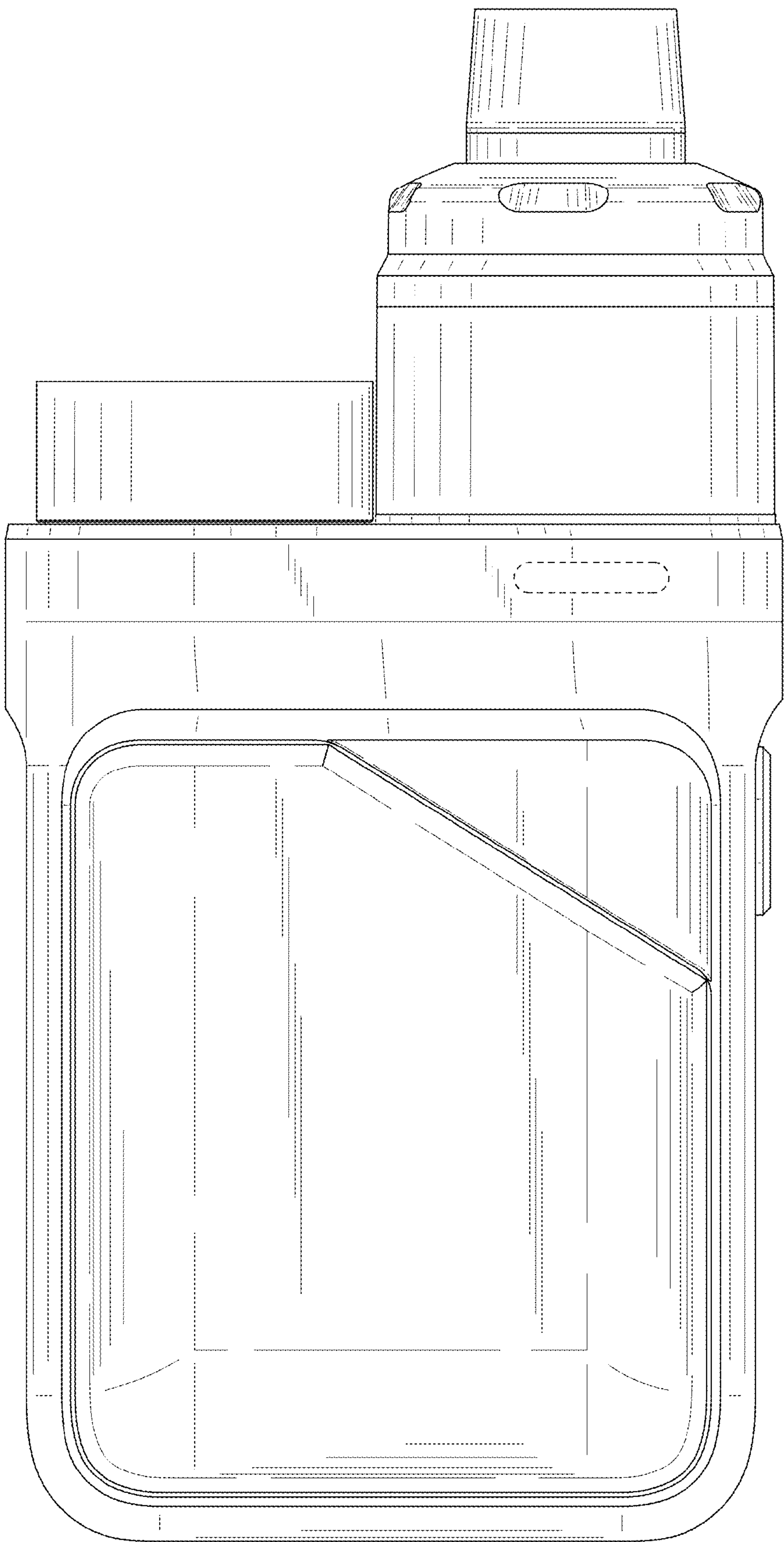


FIG. 30

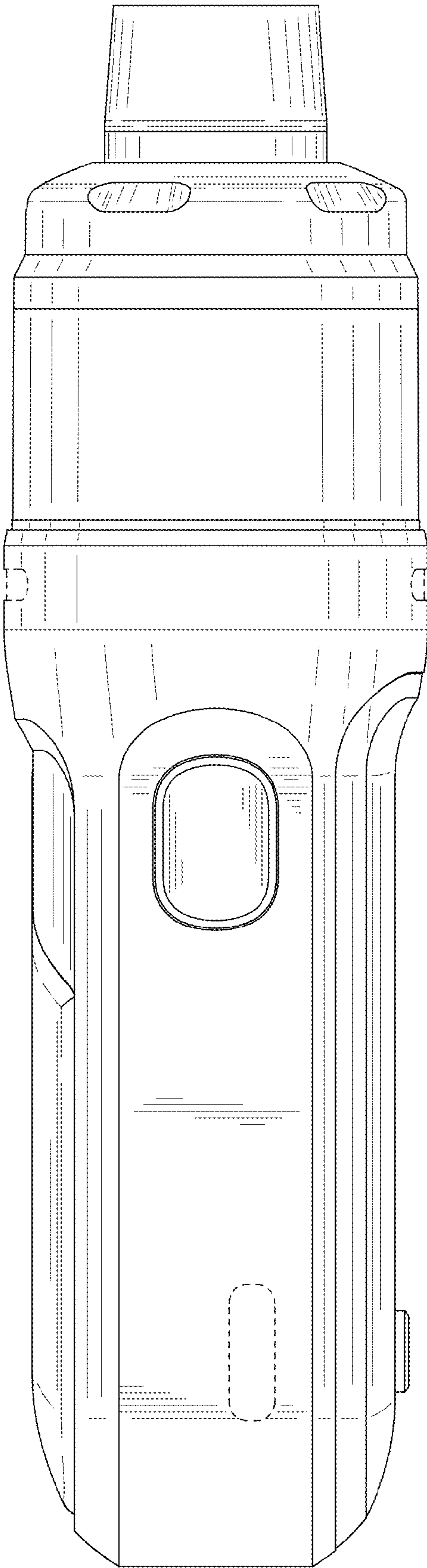


FIG. 31

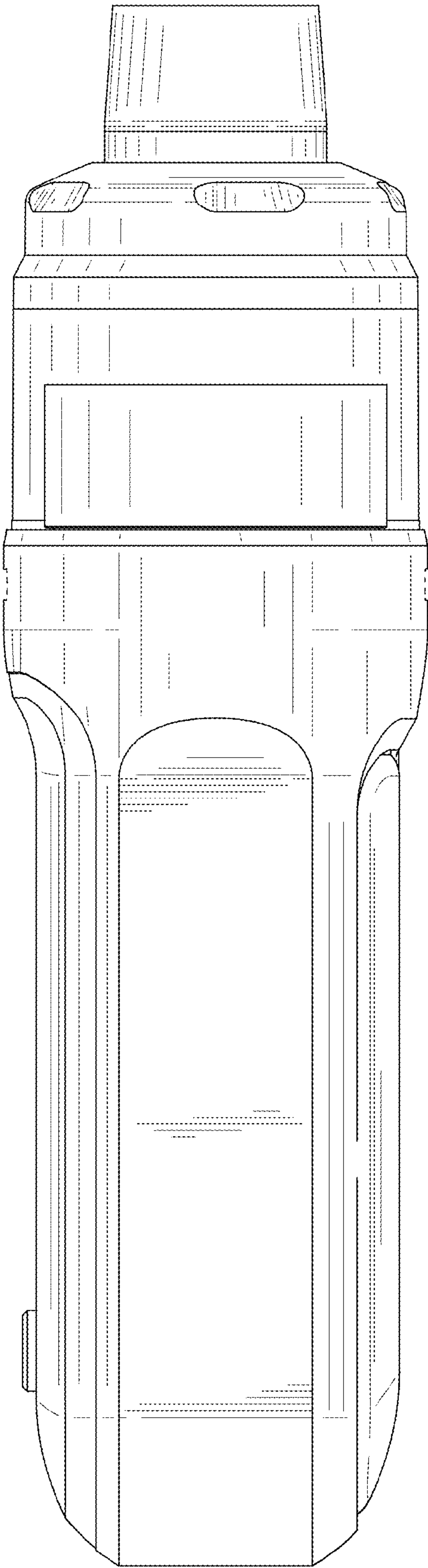


FIG. 32

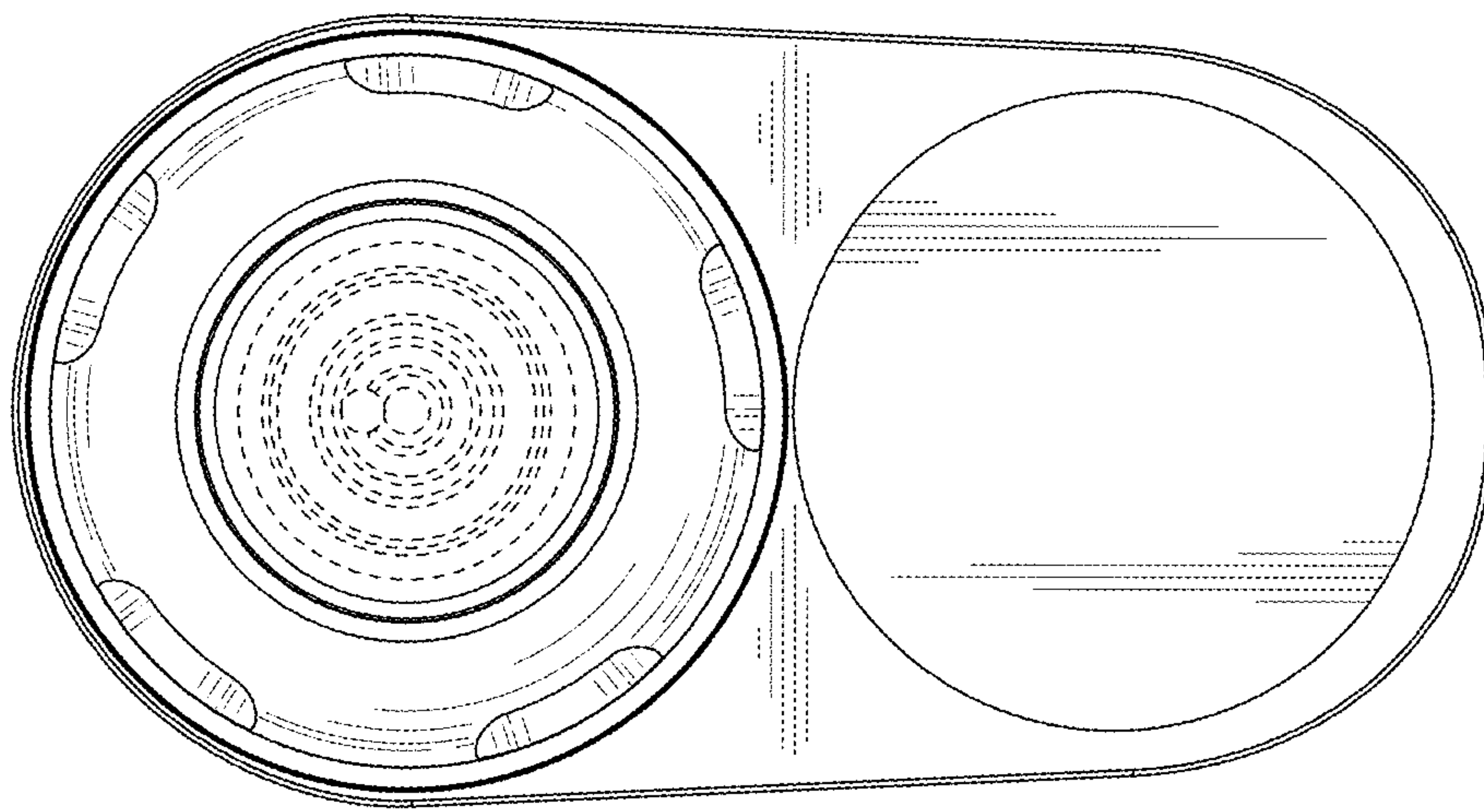


FIG. 33

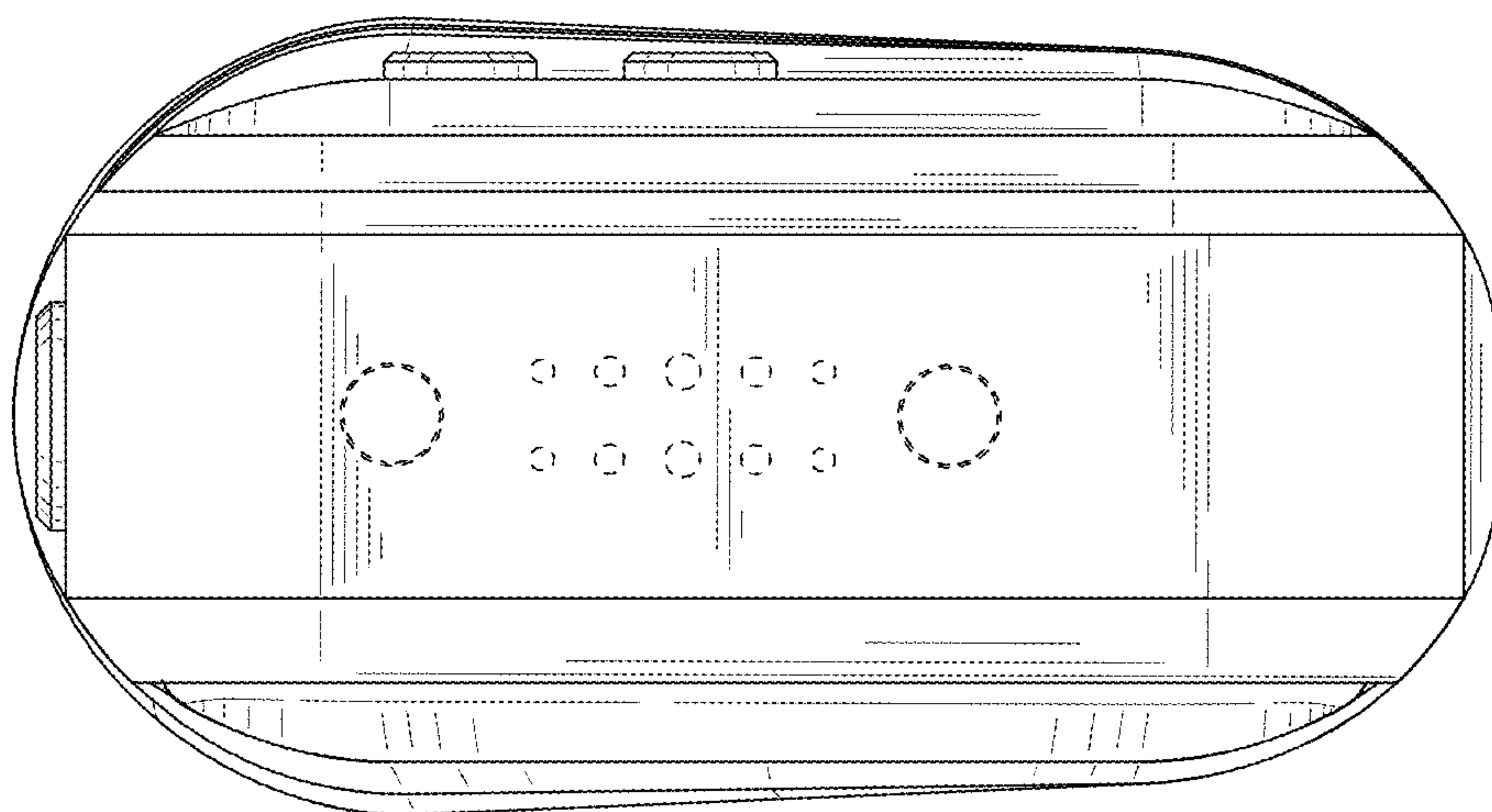


FIG. 34

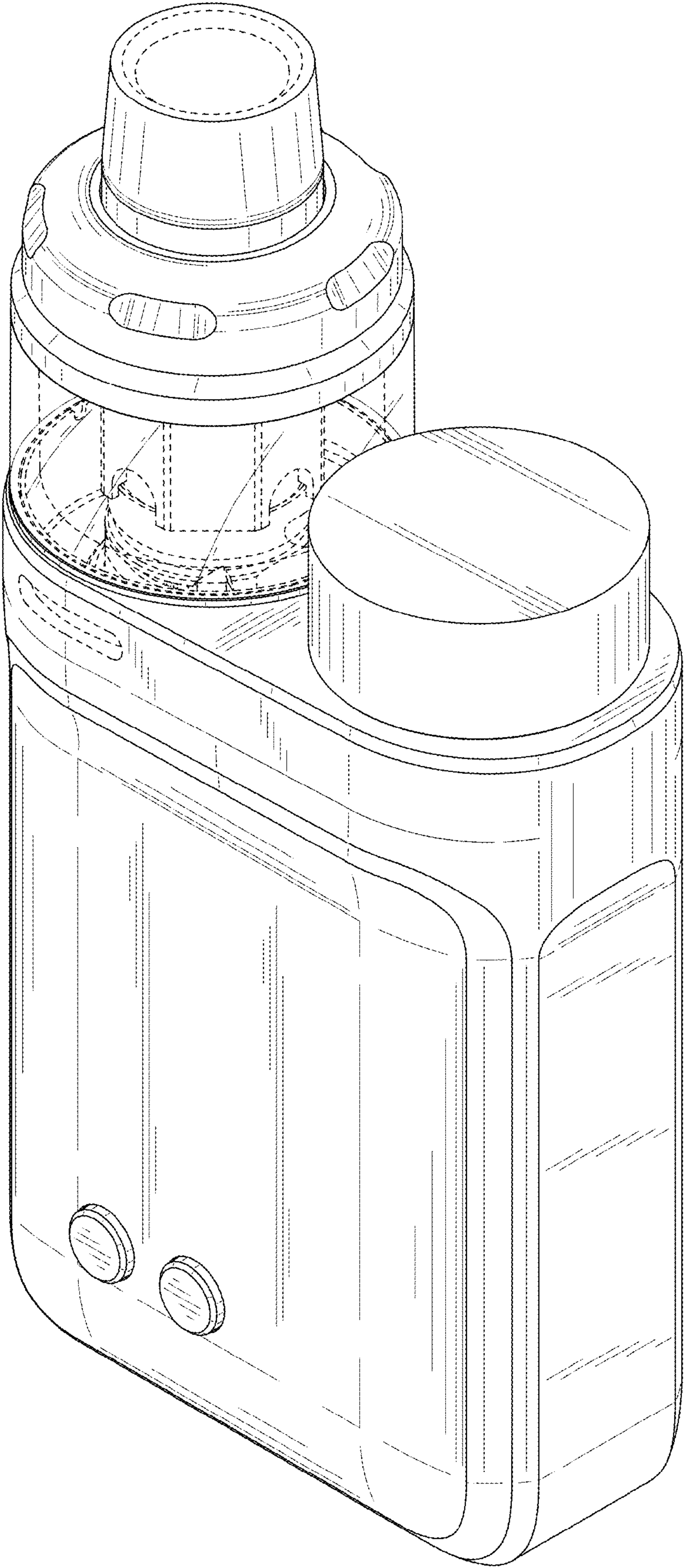


FIG. 35

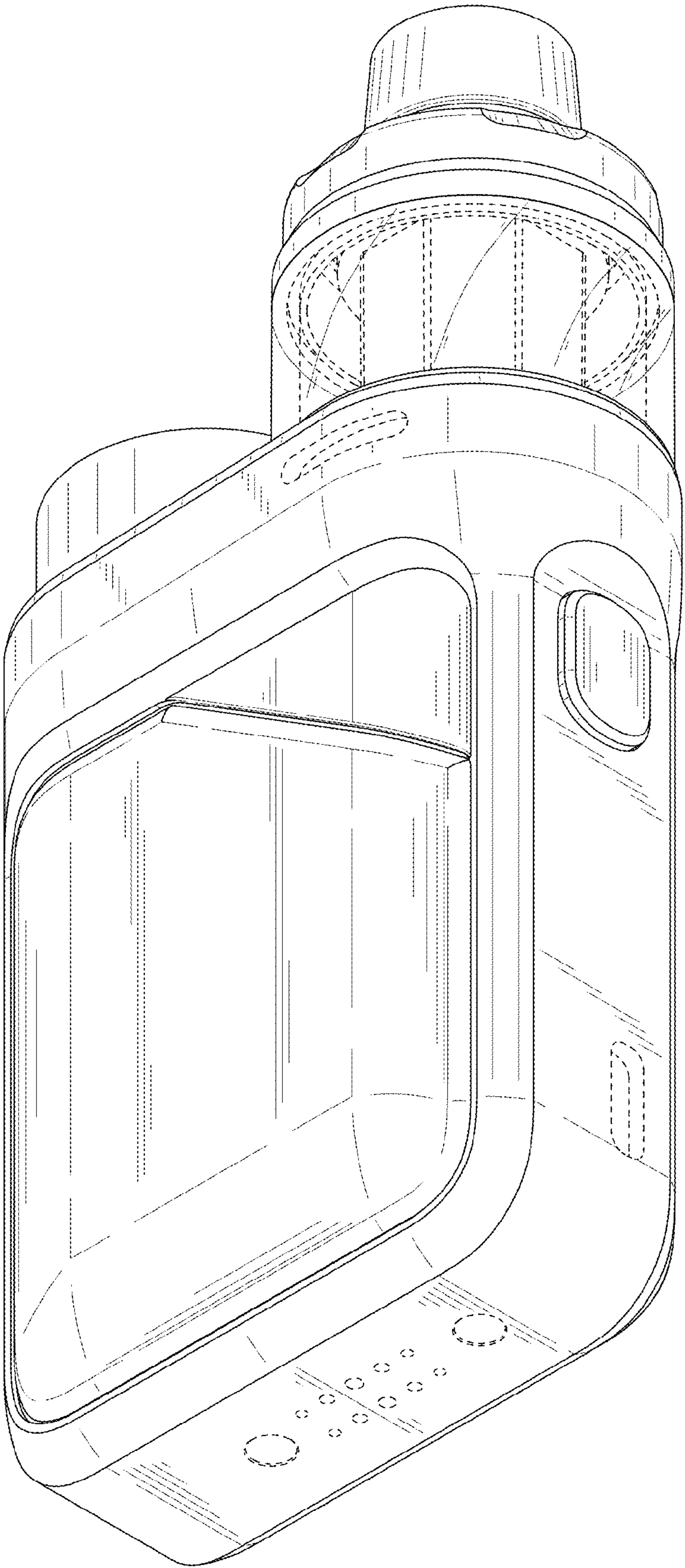


FIG. 36

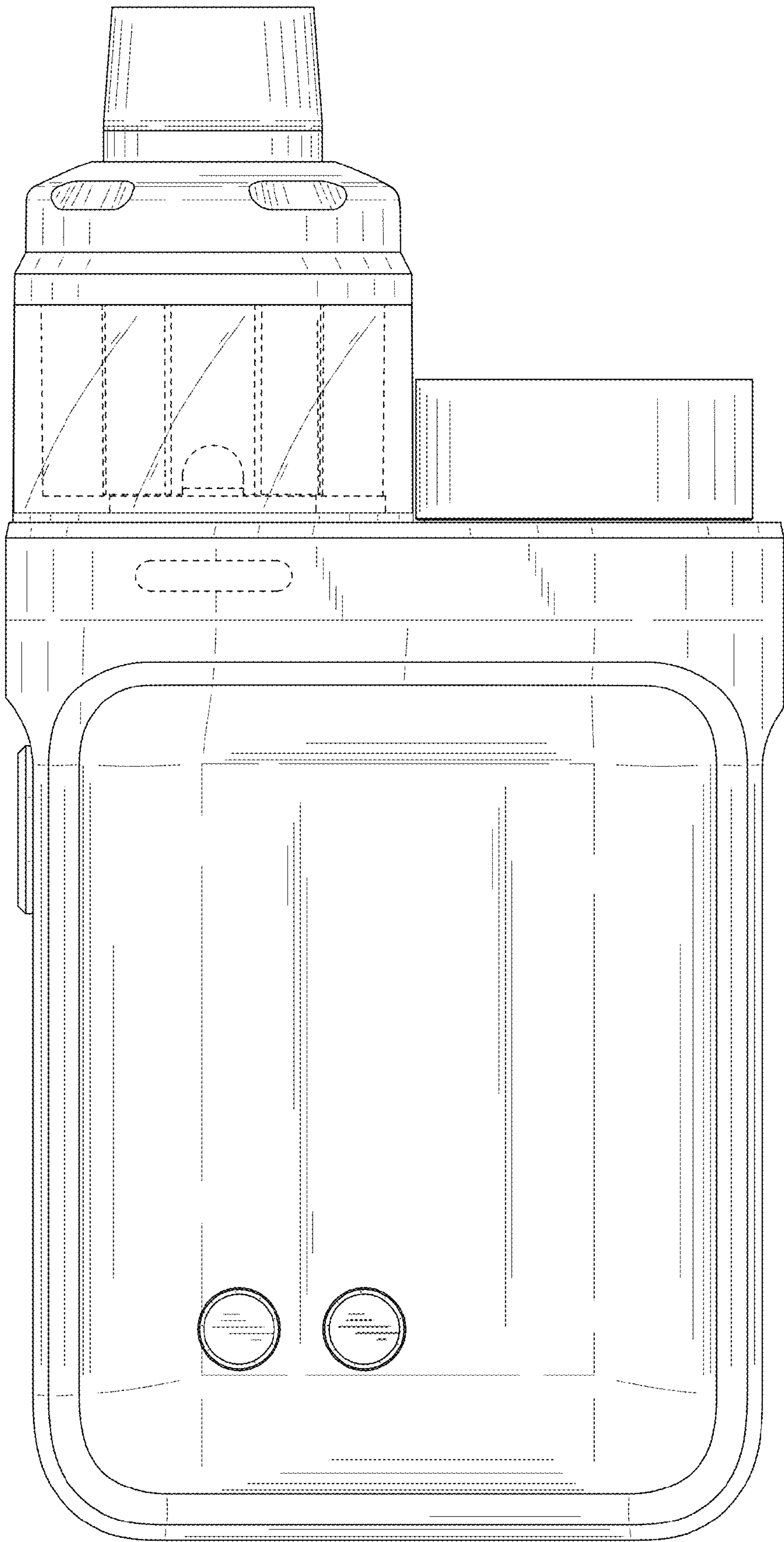


FIG. 37

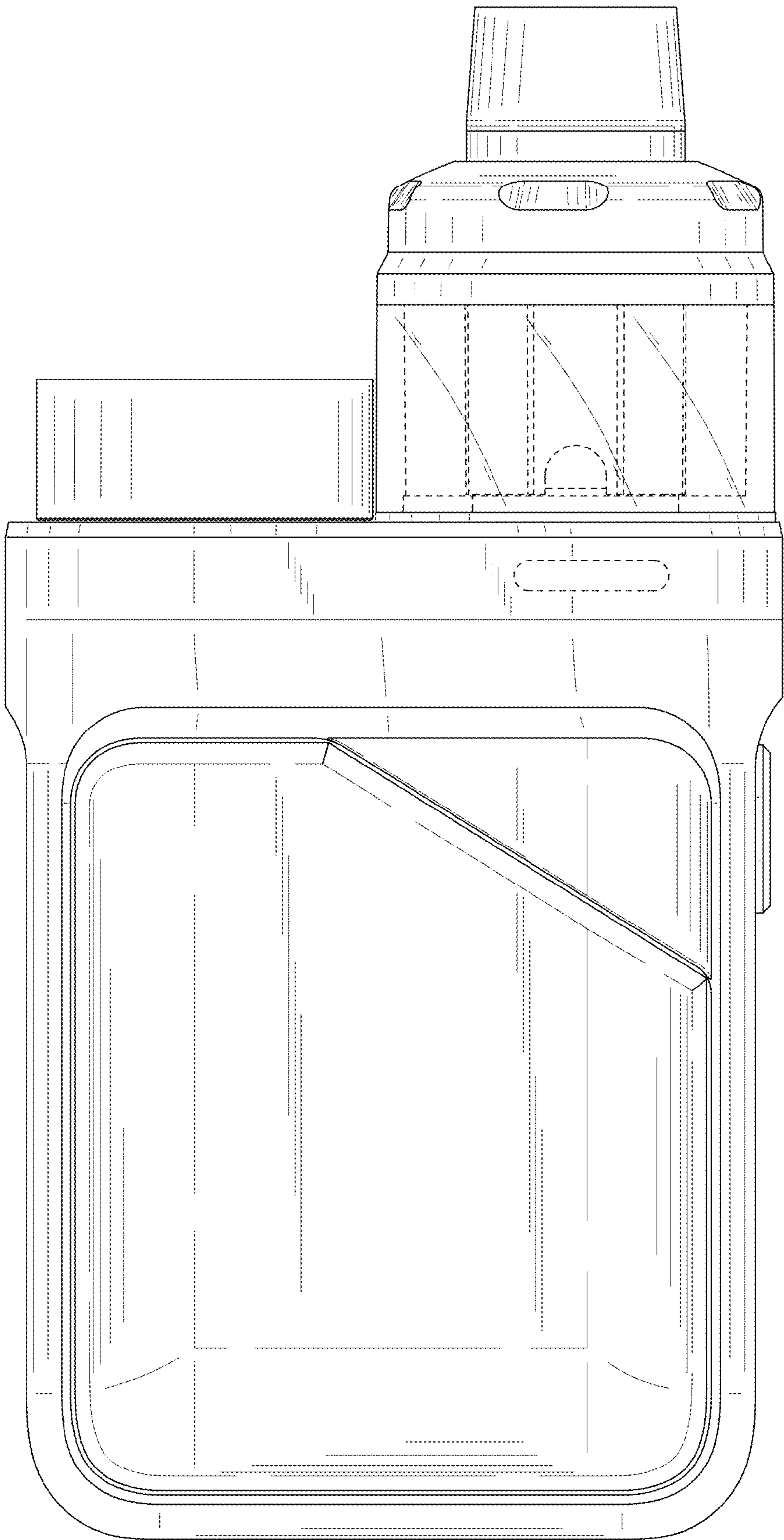


FIG. 38

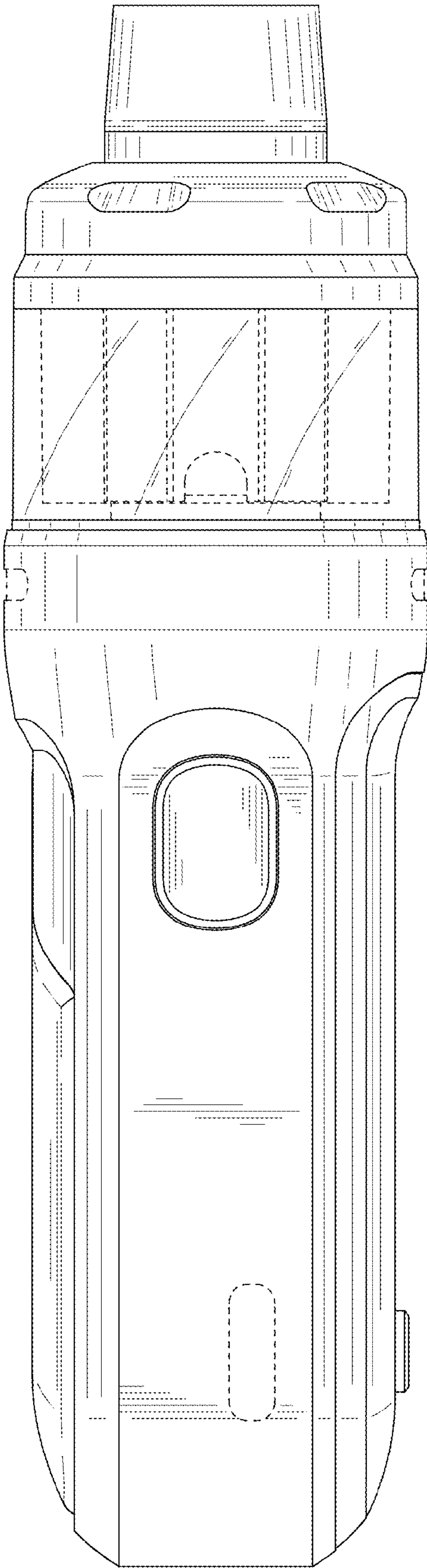


FIG. 39

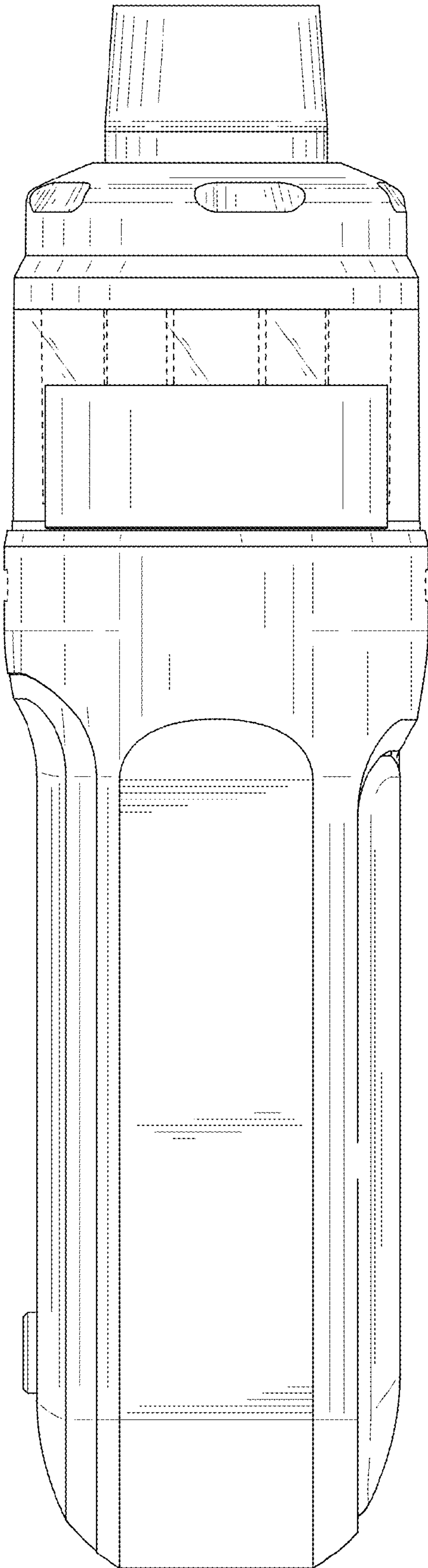


FIG. 40

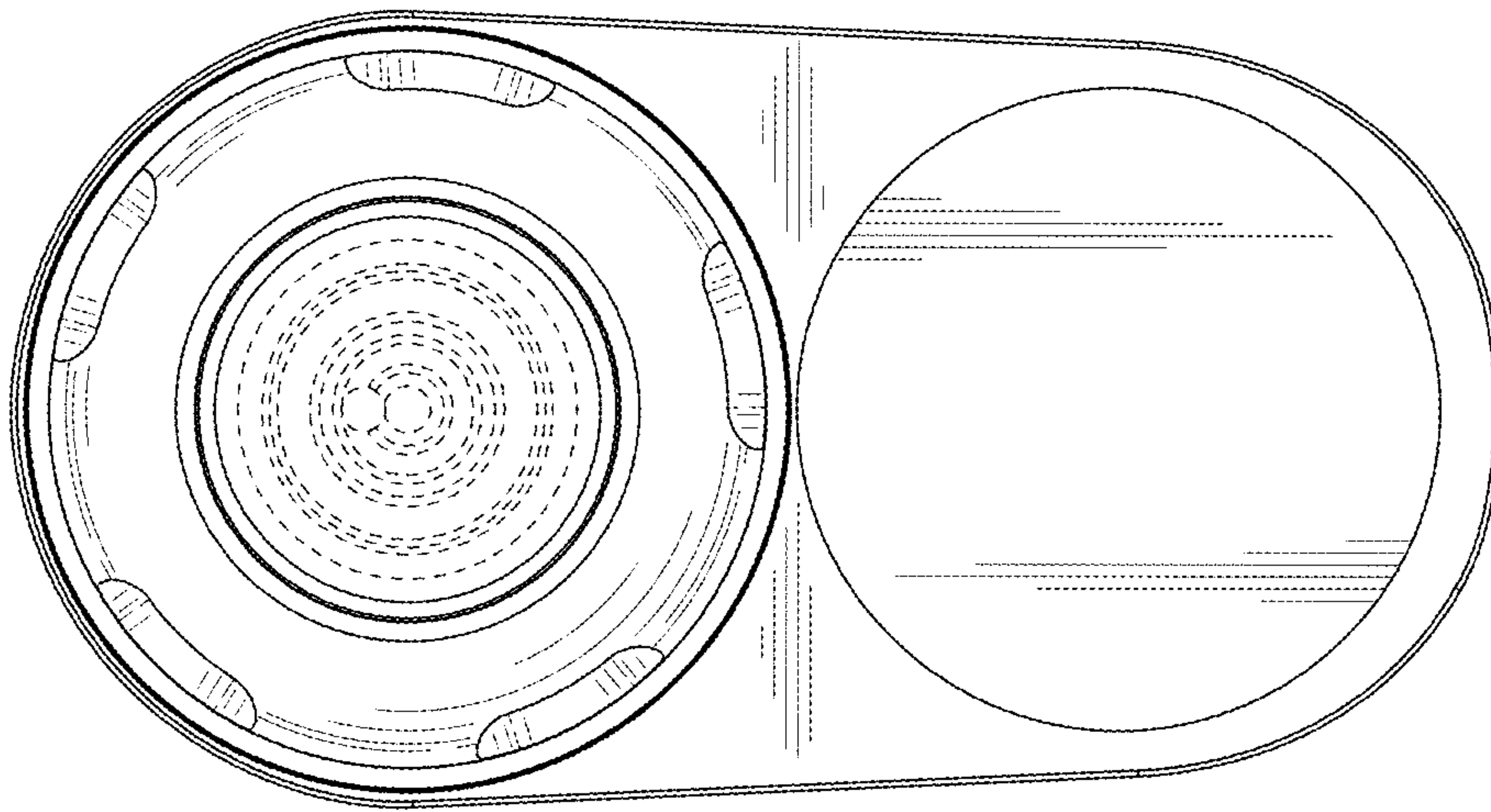


FIG. 41

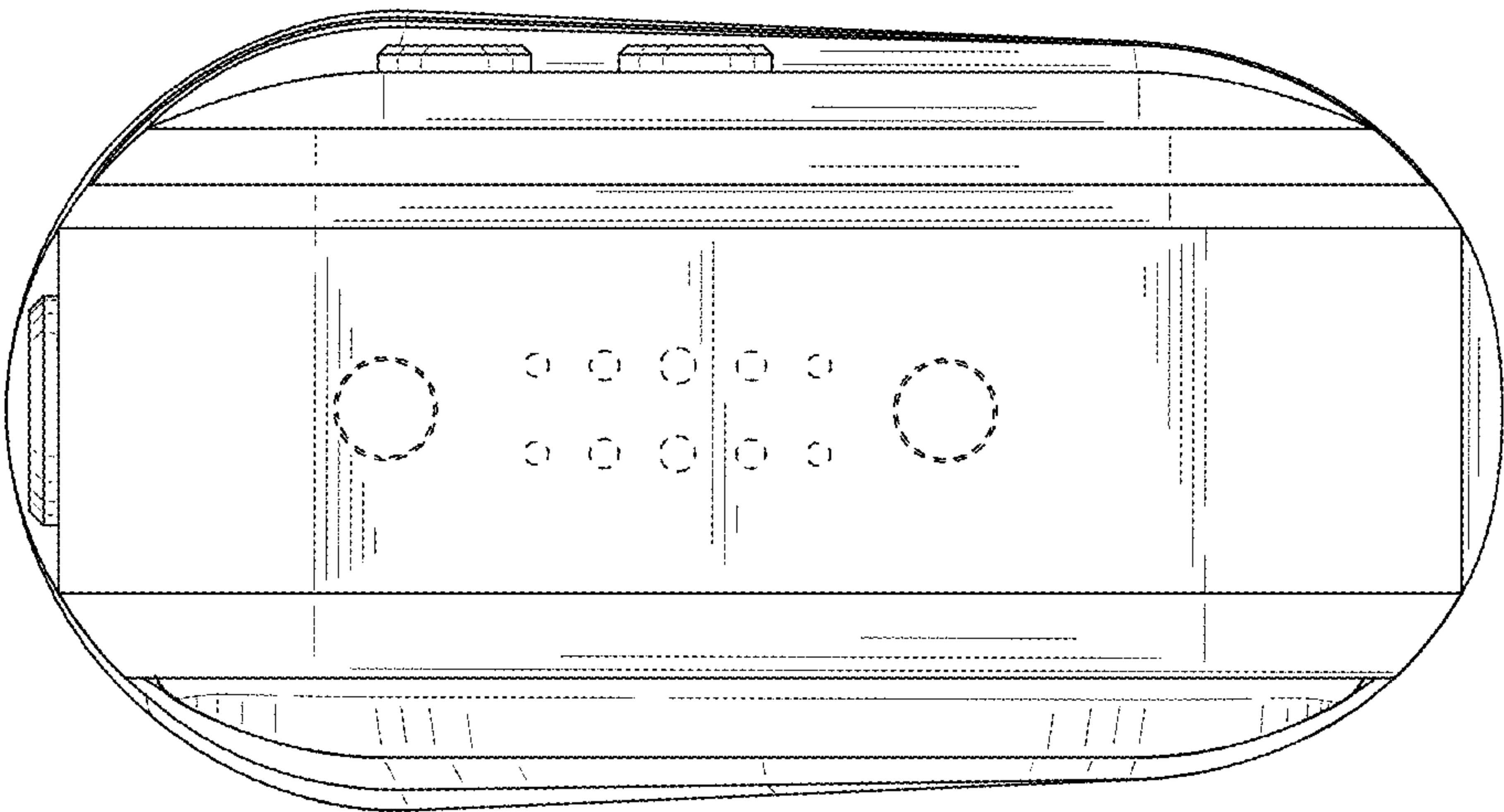


FIG. 42