

(12) **United States Design Patent** (10) **Patent No.:** **US D1,012,279 S**
Lu (45) **Date of Patent:** **** Jan. 23, 2024**

(54) **ORAL IRRIGATOR**
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(72) Inventor: **Ting Lu**, Shenzhen (CN)
(**) Term: **15 Years**
(21) Appl. No.: **29/834,406**
(22) Filed: **Apr. 12, 2022**
(51) **LOC (14) Cl.** **24-02**
(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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D4/199
CPC ... A61C 17/00; A61C 17/005; A61C 17/0092;
A61C 17/02; A61C 17/0202; A61C
17/0205; A61C 17/0211; A61C 17/028;
A61C 17/16; A61C 17/22; A61C 17/222;
A61C 17/225; A61C 17/227; A61C
17/28; A61C 17/32; A61C 17/34; A61C
17/36; A61C 15/046; A61C 15/047; A61C
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See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D778,433 S * 2/2017 Li D24/111
D806,228 S * 12/2017 Yan D24/176
D881,383 S * 4/2020 Chen D24/111
D895,791 S * 9/2020 Yuan D24/111
D948,032 S * 4/2022 Fang D24/111
D948,033 S * 4/2022 Fang D24/111
D952,134 S * 5/2022 Wang D24/111

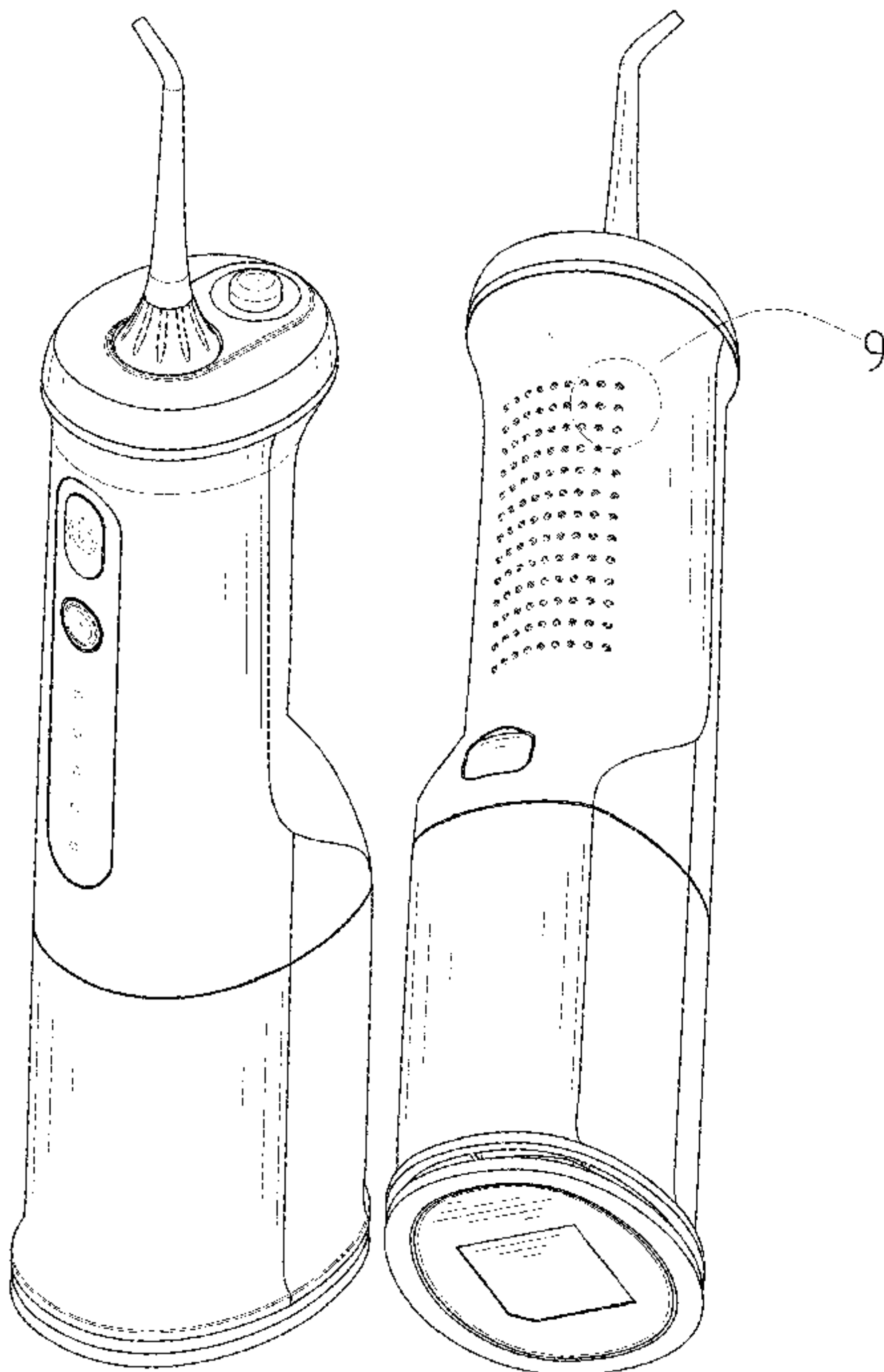
D959,648 S * 8/2022 Yang D24/111
D966,498 S * 10/2022 Massie D24/111
D978,336 S * 2/2023 Li D24/111
D978,337 S * 2/2023 Chen D24/111
D986,411 S * 5/2023 Hou D24/111
2008/0008979 A1 * 1/2008 Thomas A61C 17/028
433/80
2016/0151133 A1 * 6/2016 Luetngen F04B 17/03
433/80
2020/0229906 A1 * 7/2020 Taniguchi A61C 17/0202
2021/0121274 A1 * 4/2021 Yin A61C 17/0202

* cited by examiner
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(57) **CLAIM**
The ornamental design for an oral irrigator, as shown and described.

DESCRIPTION
FIG. 1 is a first perspective view of an oral irrigator showing my new design;
FIG. 2 is a second perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back 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; and,
FIG. 9 is an enlarged view of the selected portion 9 in FIG. 2.
The broken lines shown in the drawings depict portions of the oral irrigator that form no part of the claimed design.

1 Claim, 9 Drawing Sheets



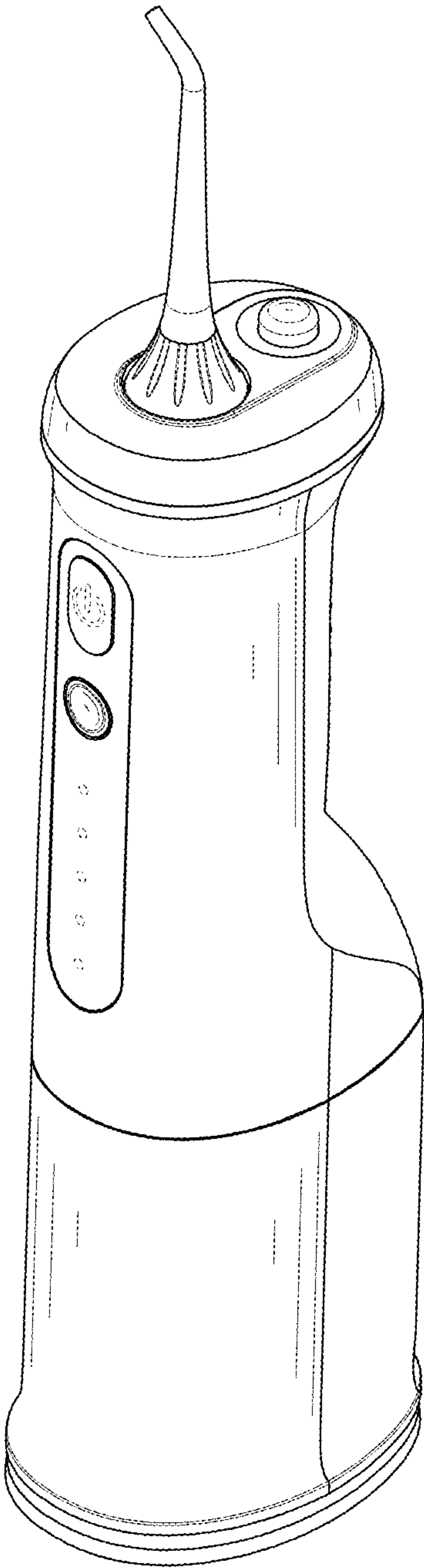


FIG. 1

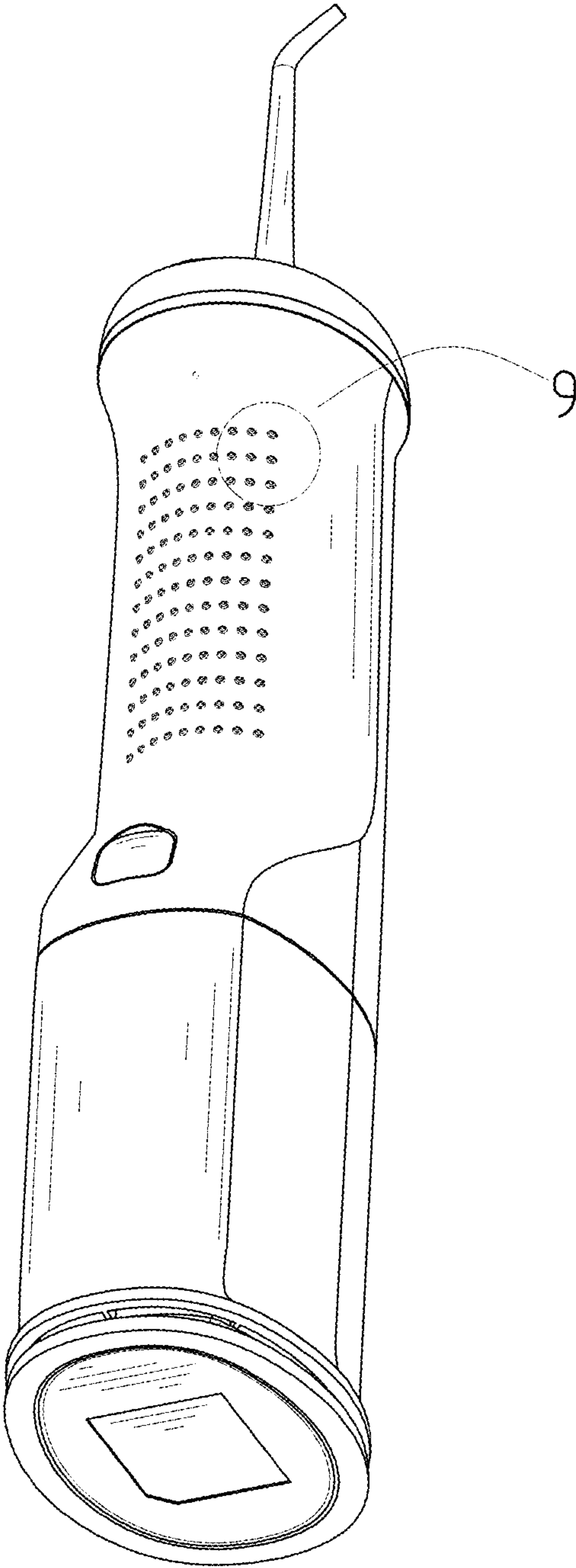


FIG. 2

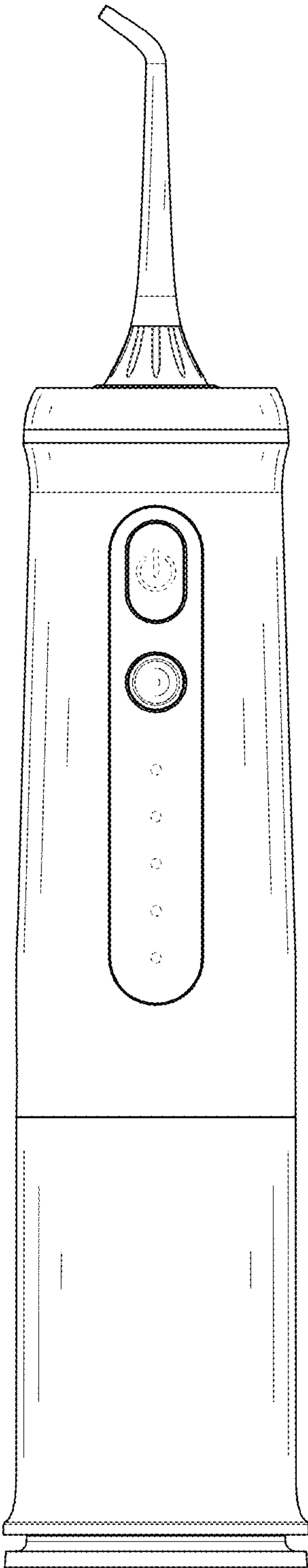


FIG. 3

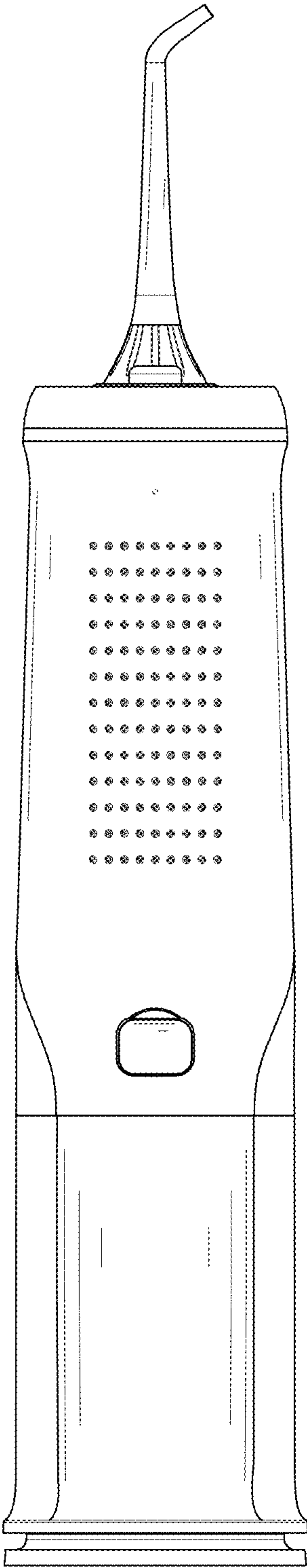


FIG. 4

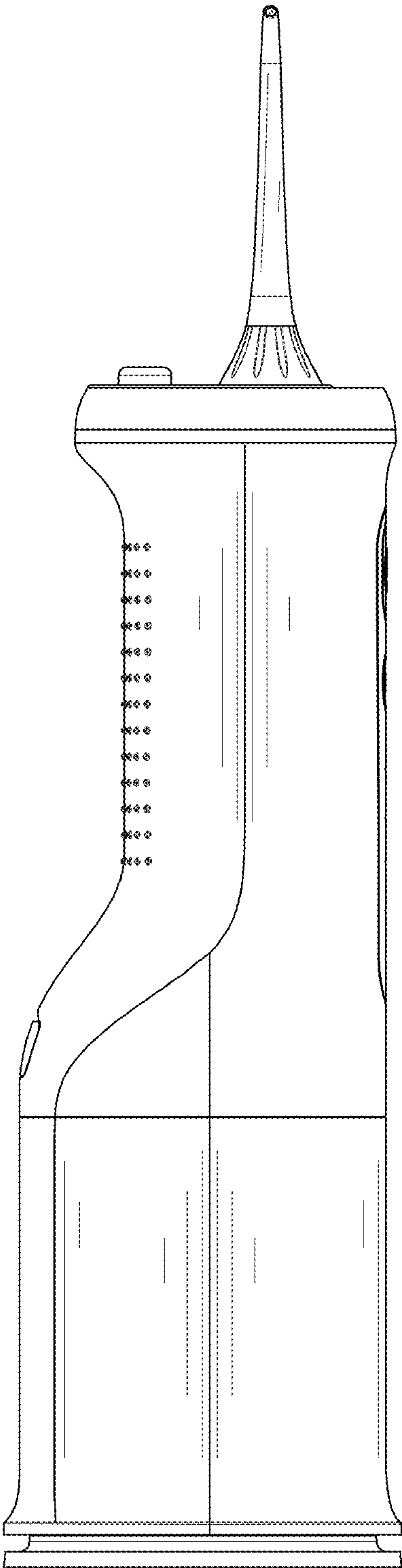


FIG. 5

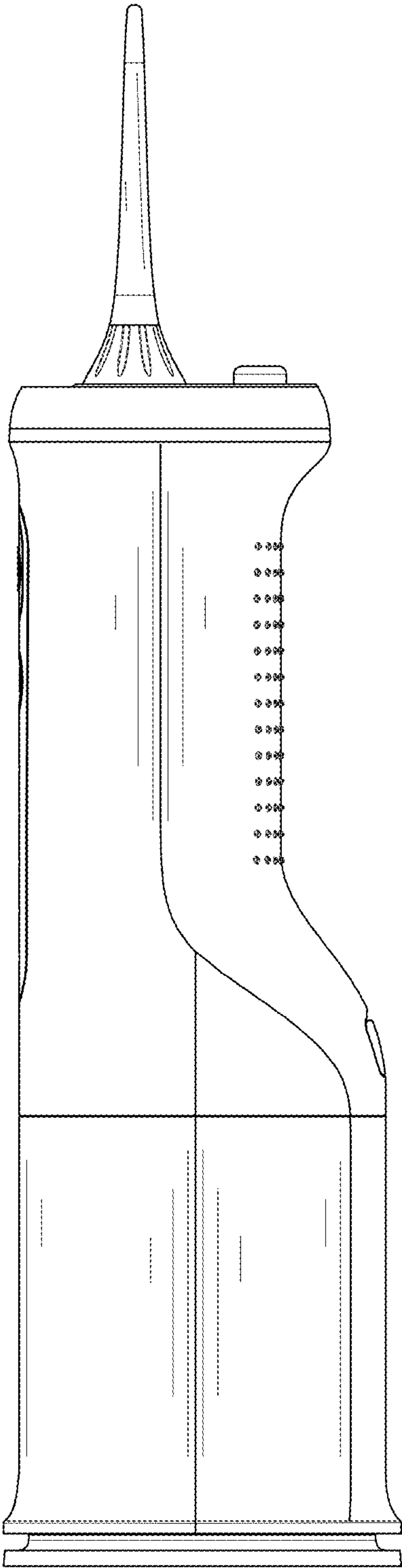


FIG. 6

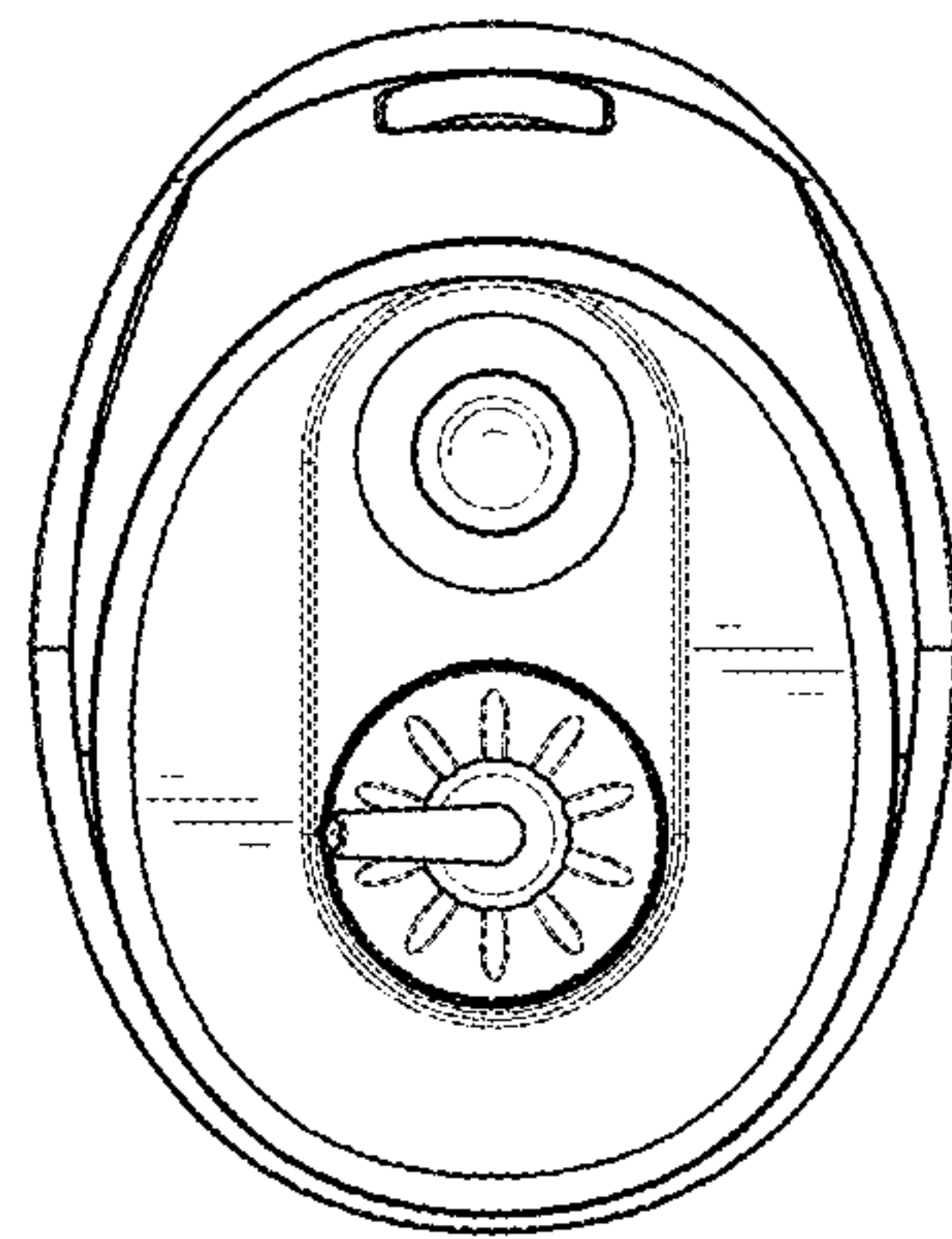


FIG. 7

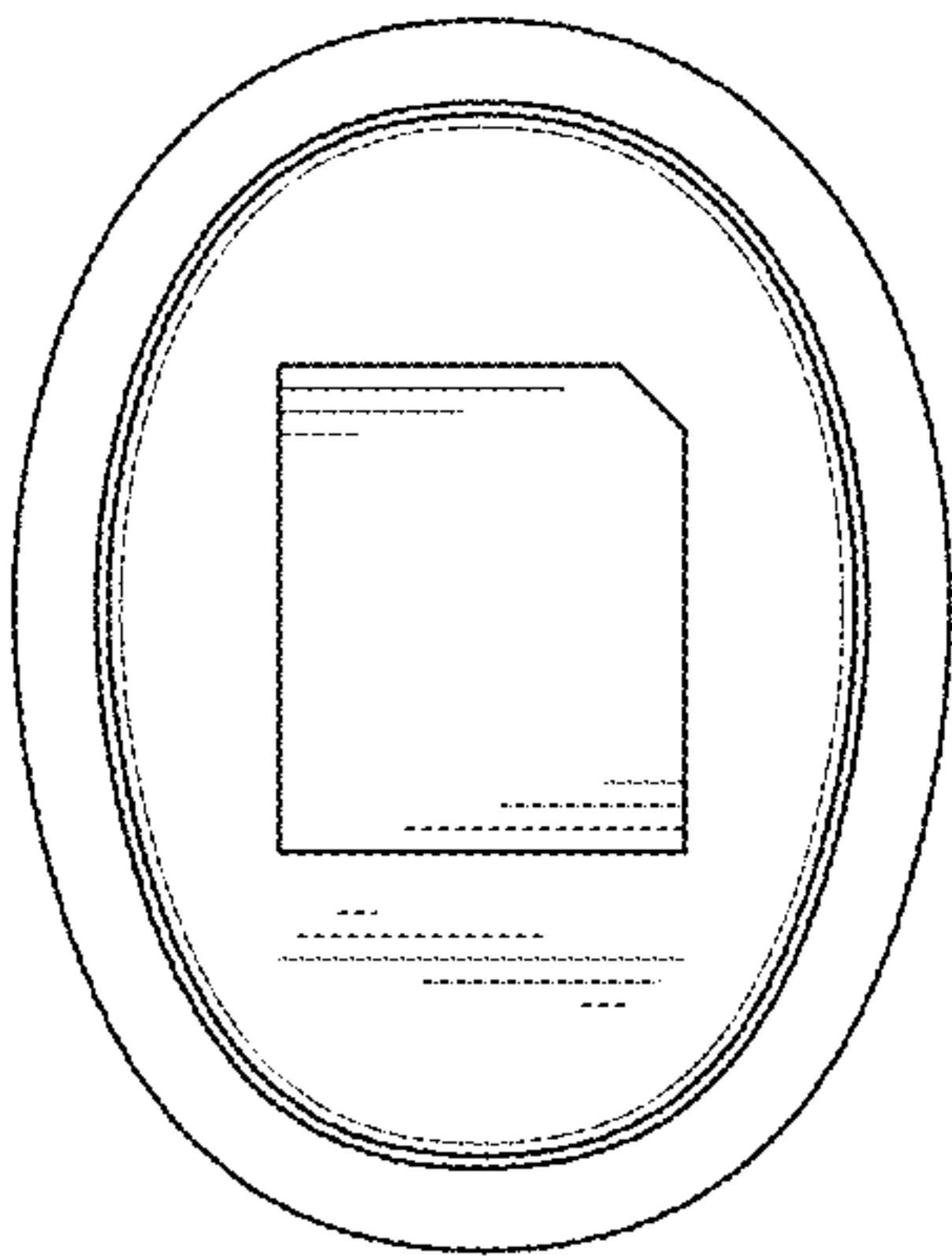


FIG. 8

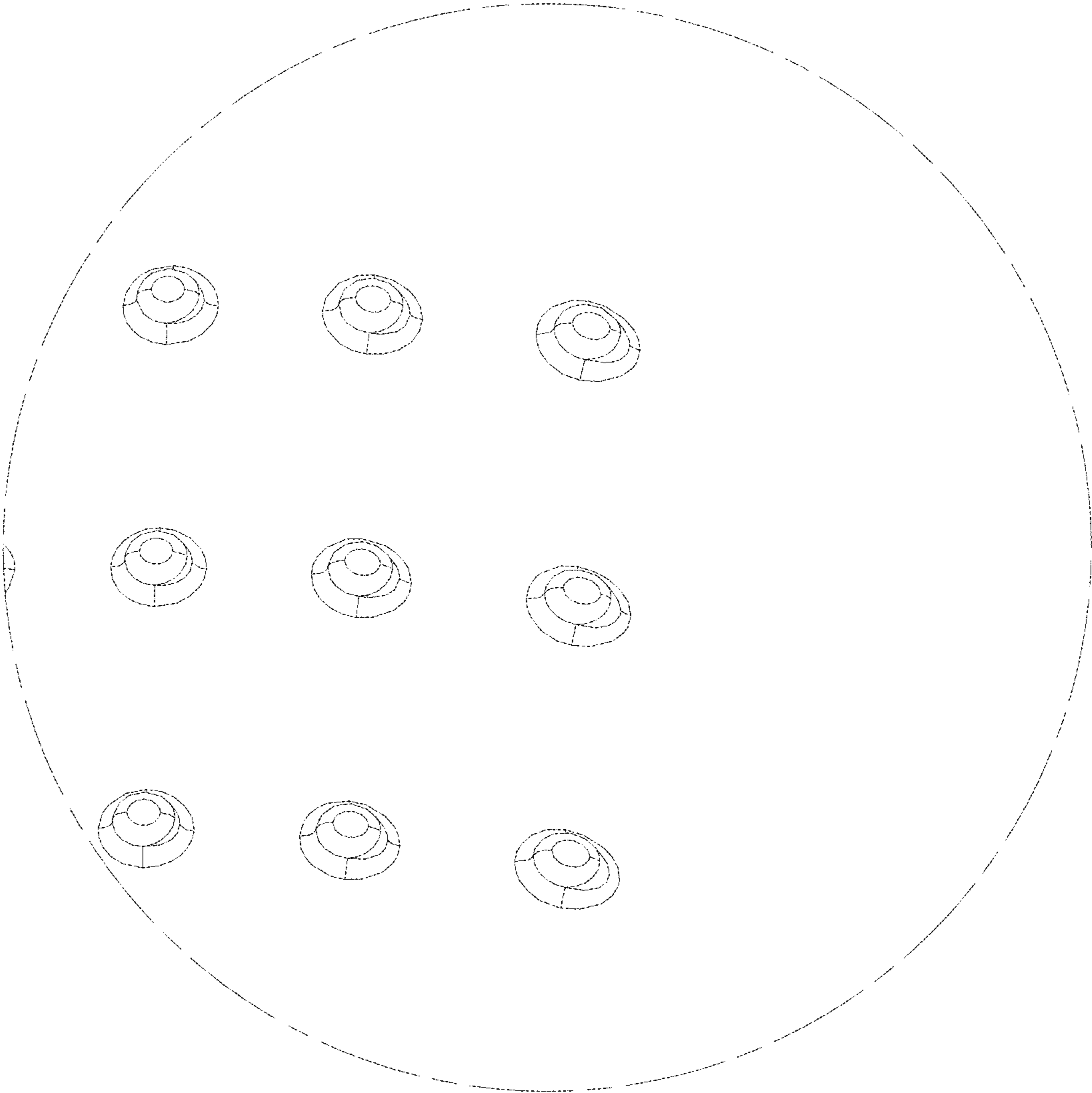


FIG. 9