



US00D91777S

(12) **United States Design Patent** (10) **Patent No.:** **US D917,777 S**  
**Kim et al.** (45) **Date of Patent:** **\*\* Apr. 27, 2021**

(54) **ELECTRONIC CIGARETTE**  
(71) Applicant: **KT&G Corporation**, Daejeon (KR)  
(72) Inventors: **Min Chul Kim**, Yongin-si (KR); **Su Mi Shin**, Goyang-si (KR); **Min Seok Kim**, Paju-si (KR)  
(73) Assignee: **KT&G Corporation**, Daejeon (KR)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/695,848**  
(22) Filed: **Jun. 21, 2019**  
(30) **Foreign Application Priority Data**  
Jan. 29, 2019 (KR) ..... 30-2019-0004322  
(51) **LOC (13) Cl.** ..... **27-01**  
(52) **U.S. Cl.**  
USPC ..... **D27/101**  
(58) **Field of Classification Search**  
USPC ..... D27/100, 101, 162, 163–169, 172–193,  
D27/194; D23/355, 356, 359, 360;  
D13/107  
CPC ..... A24F 47/008; A24F 40/10; A24F 47/002;  
A24F 15/12; A24F 47/006; A24F 40/00  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D532,927 S \* 11/2006 Sann ..... D27/101  
D779,719 S \* 2/2017 Qiu ..... D27/101  
D792,643 S \* 7/2017 Wong ..... D27/101  
D799,110 S \* 10/2017 Qiu ..... D27/101  
D799,113 S \* 10/2017 Qiu ..... D27/101  
D799,744 S \* 10/2017 Qiu ..... D27/101  
D808,071 S \* 1/2018 Folkerts ..... D27/101  
D813,447 S \* 3/2018 Watson ..... D27/162

D815,341 S \* 4/2018 Qiu ..... D27/101  
D818,636 S \* 5/2018 Qiu ..... D27/101  
D819,263 S \* 5/2018 Zhu ..... D27/101  
D819,881 S \* 6/2018 Qiu ..... D27/101  
9,986,764 B2 \* 6/2018 Watson ..... A24F 7/02  
D825,102 S \* 8/2018 Bowen ..... D27/167  
D827,195 S \* 8/2018 Chen ..... D27/101  
D829,371 S \* 9/2018 Durand ..... D27/101  
D829,980 S \* 10/2018 Qiu ..... D27/162  
D832,499 S \* 10/2018 Qiu ..... D27/162  
D832,500 S \* 10/2018 Qiu ..... D27/162  
10,104,915 B2 \* 10/2018 Bowen ..... A24F 40/42  
D833,063 S \* 11/2018 Qiu ..... D27/101  
D834,246 S \* 11/2018 Qiu ..... D27/162  
D835,337 S \* 12/2018 Beer ..... D27/162  
D837,446 S \* 1/2019 Durand ..... D27/101  
10,292,436 B2 \* 5/2019 Cirillo ..... A24D 1/14  
D853,633 S \* 7/2019 Zeng ..... D27/162

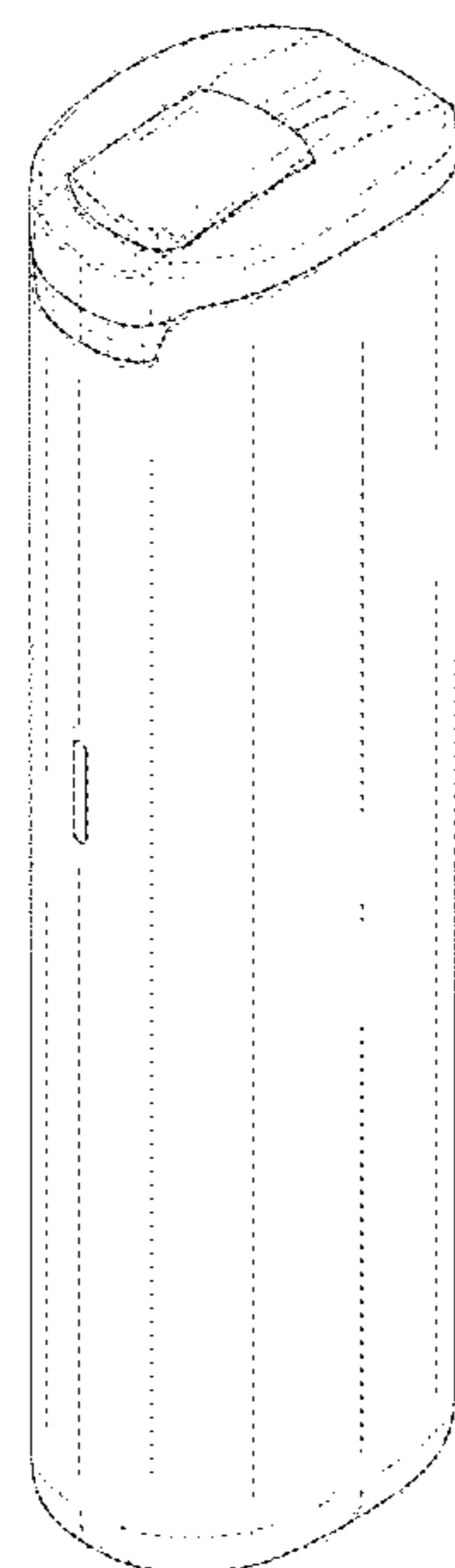
(Continued)

*Primary Examiner* — Marissa J Cash  
(74) *Attorney, Agent, or Firm* — Novick, Kim & Lee, PLLC; Sang Ho Lee; Hyun Woo Shin

(57) **CLAIM**  
We claim the ornamental design for an electronic cigarette, shown and described.

**DESCRIPTION**  
FIG. 1 is perspective view of an electronic cigarette, showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The dash-dash broken lines in the drawings depict portions of the electronic cigarette which form no part of the claimed design. The dot-dash broken lines in the drawings define the bounds of the claimed design and form no part thereof.

**1 Claim, 6 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

D855,251 S \* 7/2019 Qiu ..... D27/162  
D855,877 S \* 8/2019 Folkerts ..... D27/162  
D859,735 S \* 9/2019 Qiu ..... D27/162  
D861,239 S \* 9/2019 Chen ..... D27/101  
D861,975 S \* 10/2019 Bowen ..... D27/162  
D863,665 S \* 10/2019 Huang ..... D27/101  
D863,674 S \* 10/2019 Chang ..... D27/162  
D864,470 S \* 10/2019 Huang ..... D27/101  
D864,474 S \* 10/2019 Smith ..... D27/162  
D866,852 S \* 11/2019 Cividi ..... D27/101  
D869,085 S \* 12/2019 Campbell ..... D27/162  
D870,369 S \* 12/2019 Greenbaum ..... D27/162  
D870,372 S \* 12/2019 Zhu ..... D27/167  
D870,959 S \* 12/2019 Leon Duque ..... D27/162  
D876,004 S \* 2/2020 Wang ..... D27/101  
D877,971 S \* 3/2020 Bowen ..... D27/101  
D877,976 S \* 3/2020 Ding ..... D27/162  
D880,055 S \* 3/2020 Luo ..... D27/162  
10,588,356 B2 \* 3/2020 Harrison ..... A24F 7/02  
D881,457 S \* 4/2020 Ouyang ..... D27/162  
10,609,962 B2 \* 4/2020 Zhu ..... A24F 40/50  
10,631,576 B1 \* 4/2020 Chen ..... A24F 40/42  
D885,654 S \* 5/2020 Ding ..... D27/162  
D885,655 S \* 5/2020 Ding ..... D27/162  
D885,656 S \* 5/2020 Clough ..... D27/162  
D888,326 S \* 6/2020 Qiu ..... D27/101  
D889,033 S \* 6/2020 Murray ..... D27/162  
D890,418 S \* 7/2020 Tasselli ..... D27/163  
D891,692 S \* 7/2020 Barbaric ..... D27/162  
10,721,973 B1 \* 7/2020 Hermiz ..... H05B 3/06  
D892,397 S \* 8/2020 Li ..... D27/162  
10,743,589 B1 \* 8/2020 Hermiz ..... H05B 3/06  
D905,901 S \* 12/2020 Kim ..... D27/162

\* cited by examiner

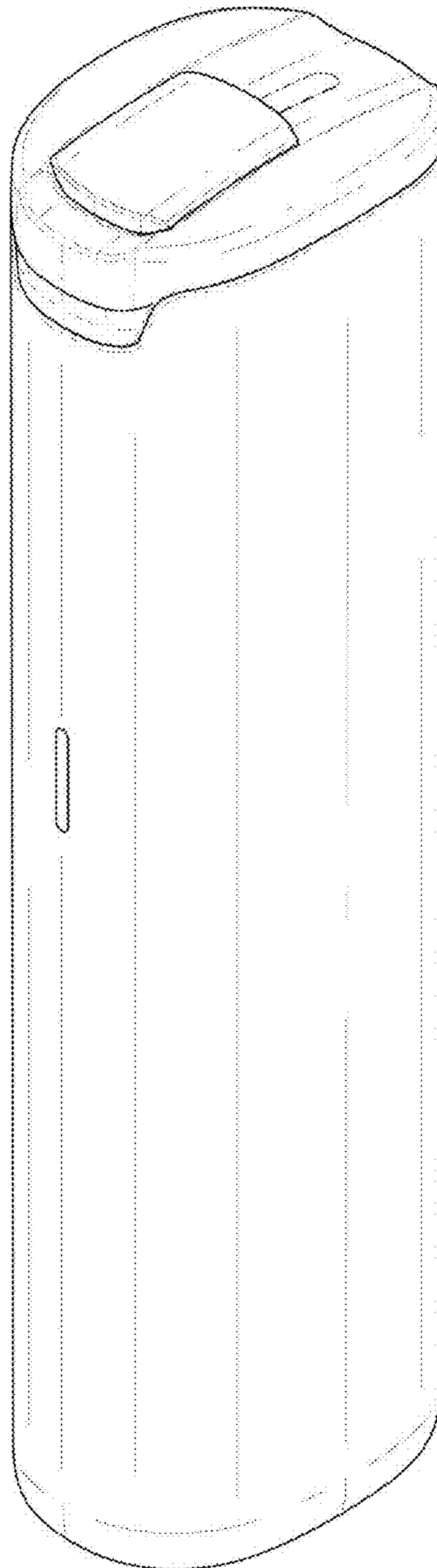


FIG. 1

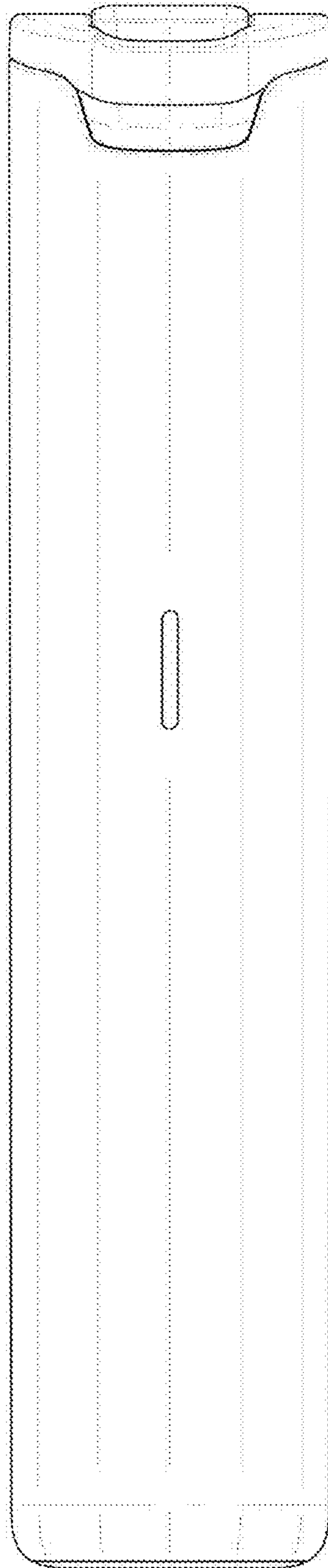
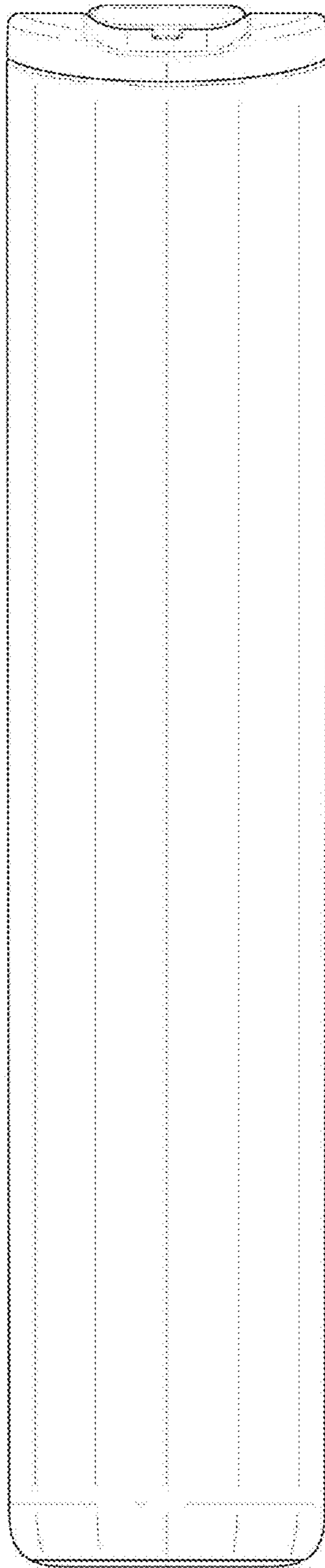


FIG. 2



**FIG. 3**

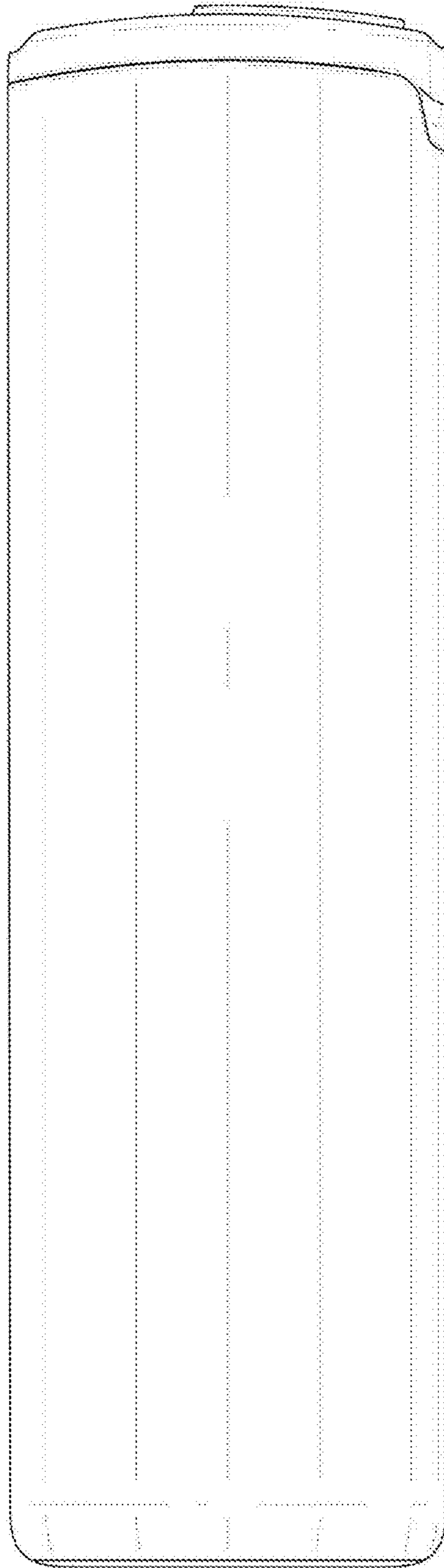


FIG. 4

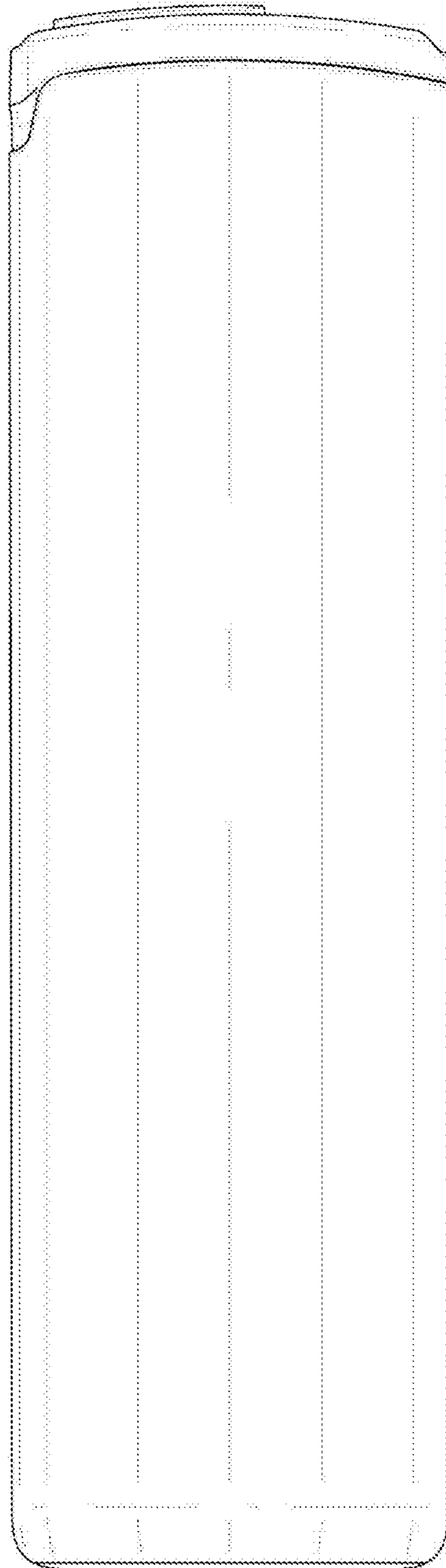
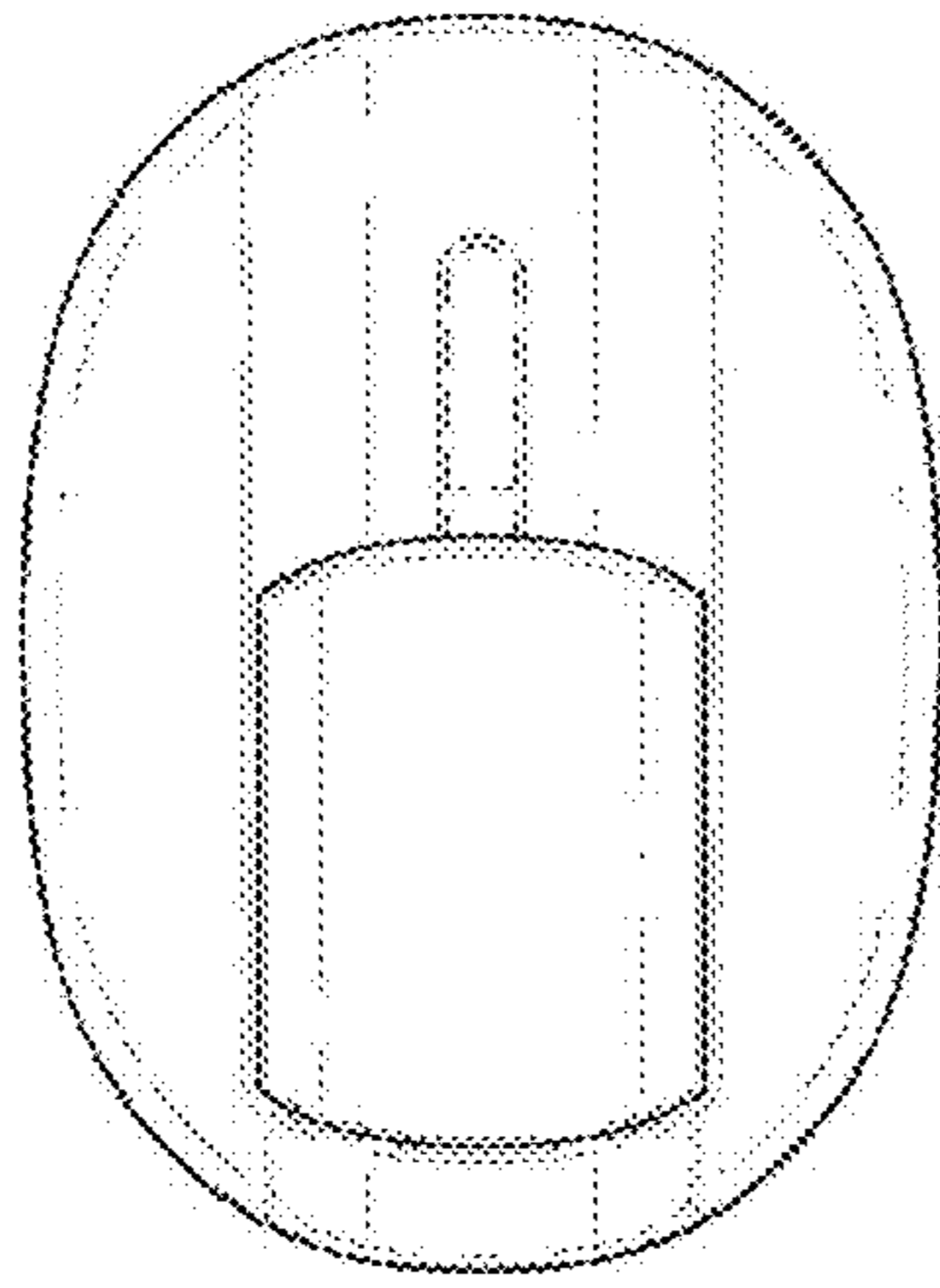
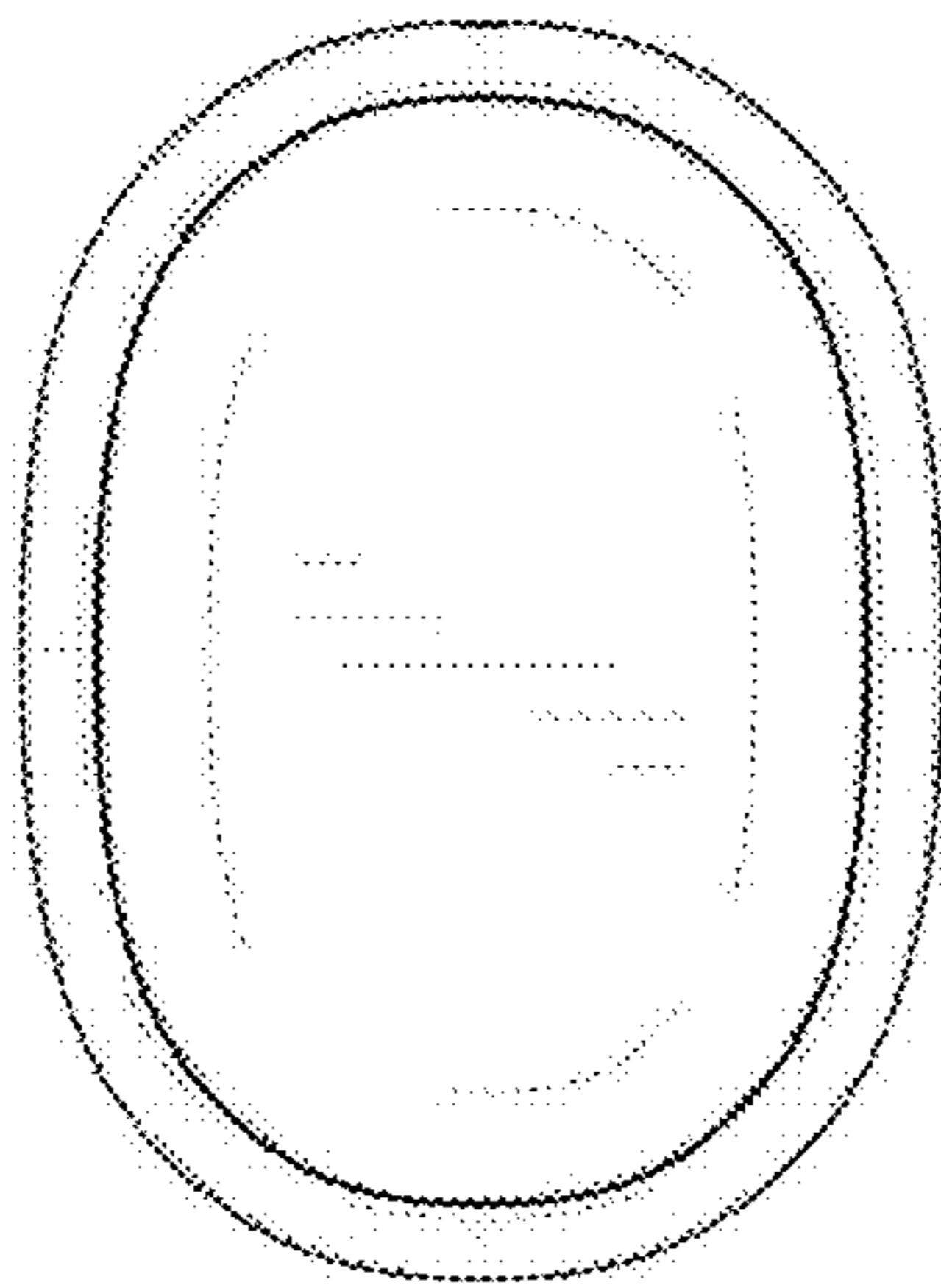


FIG. 5



**FIG. 6**



**FIG. 7**