



US00D963242S

(12) **United States Design Patent** (10) **Patent No.:** **US D963,242 S**  
**Zhou et al.** (45) **Date of Patent:** **\*\* Sep. 6, 2022**

(54) **TOOL FOR CLEANING  
AEROSOL-GENERATING DEVICE**

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(\*\*) Term: **15 Years**

(21) Appl. No.: **29/768,991**

(22) Filed: **Feb. 2, 2021**

(30) **Foreign Application Priority Data**

Aug. 19, 2020 (CN) ..... 202030477650.1

(51) **LOC (13) Cl.** ..... **27-99**

(52) **U.S. Cl.**  
USPC ..... **D27/194**

(58) **Field of Classification Search**  
USPC ..... D27/162, 100, 101, 163–165, 172,  
D27/174–176, 183, 185–194; D24/110,  
D24/110.5; D23/360, 363, 366; D9/682,  
D9/686, 688, 690; D13/103, 107  
CPC .... A24F 47/002; A24F 47/006; A24F 47/008;  
A61M 15/00; A61M 15/06  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D737,149 S \* 8/2015 Son ..... D9/503  
D755,440 S \* 5/2016 Collen ..... D27/163  
D755,638 S \* 5/2016 Chen ..... D9/688  
D767,822 S \* 9/2016 Jordan ..... D27/194  
D813,155 S \* 3/2018 Yamada ..... D27/101  
D846,995 S \* 4/2019 El Beaini ..... D9/504  
D848,856 S \* 5/2019 Holbrook ..... D9/688

D861,979 S \* 10/2019 Sibley ..... D27/183  
D862,795 S \* 10/2019 Caldas ..... D27/194  
D876,719 S \* 2/2020 Vermette ..... D27/162  
D889,034 S \* 6/2020 Stewart ..... D27/162  
D902,738 S \* 11/2020 Alfaras ..... D9/688  
D907,289 S \* 1/2021 Stewart ..... D27/162  
D914,280 S \* 3/2021 Jones ..... D27/162  
D919,173 S \* 5/2021 Li ..... D27/162  
D940,386 S \* 1/2022 Campitelli ..... D27/162  
D941,154 S \* 1/2022 Kwapis ..... D9/684  
D943,819 S \* 2/2022 Pinto ..... D27/162  
D944,094 S \* 2/2022 Shourie ..... D9/684  
D950,841 S \* 5/2022 Lowsky ..... D27/162

\* cited by examiner

*Primary Examiner* — Rebecca Tsehaye

(57) **CLAIM**

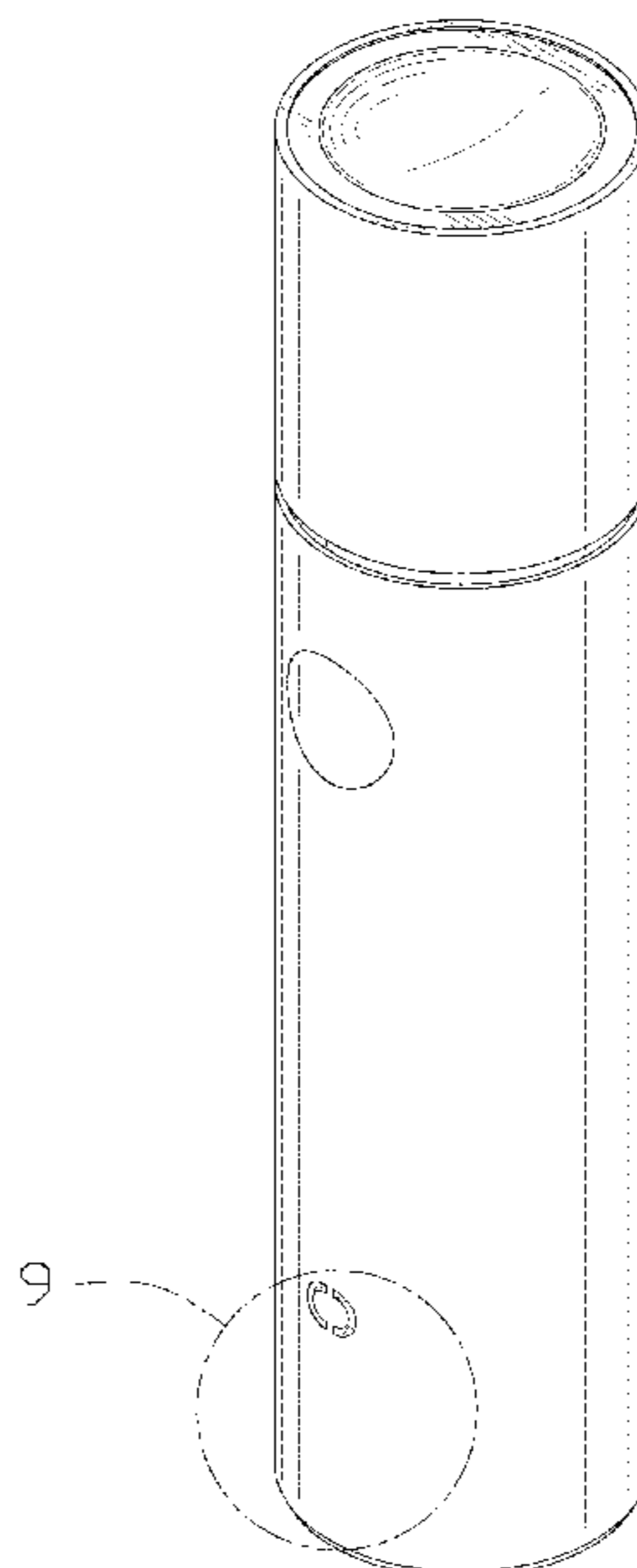
The ornamental design for a tool for cleaning an aerosol-  
generating device, substantially as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a tool for cleaning an  
aerosol-generating device, showing our new design;  
FIG. 2 is another perspective view of the tool;  
FIG. 3 is a front elevational view of the tool;  
FIG. 4 is a rear elevational view of the tool;  
FIG. 5 is a left side elevational view of the tool;  
FIG. 6 is a right side elevational view of the tool;  
FIG. 7 is a top plan view of the tool;  
FIG. 8 is a bottom plan view of the tool; and,  
FIG. 9 is an enlarged view of the region 9 of FIG. 1, showing  
a signal light on the tool.

The broken lines consisting of evenly spaced dash lines in  
the drawing depict portions of the tool for cleaning aerosol  
generating device that form no part of the claimed design.  
The broken lines consisting of short and long dash lines  
encircling the enlarged detail views are for annotative pur-  
poses that form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



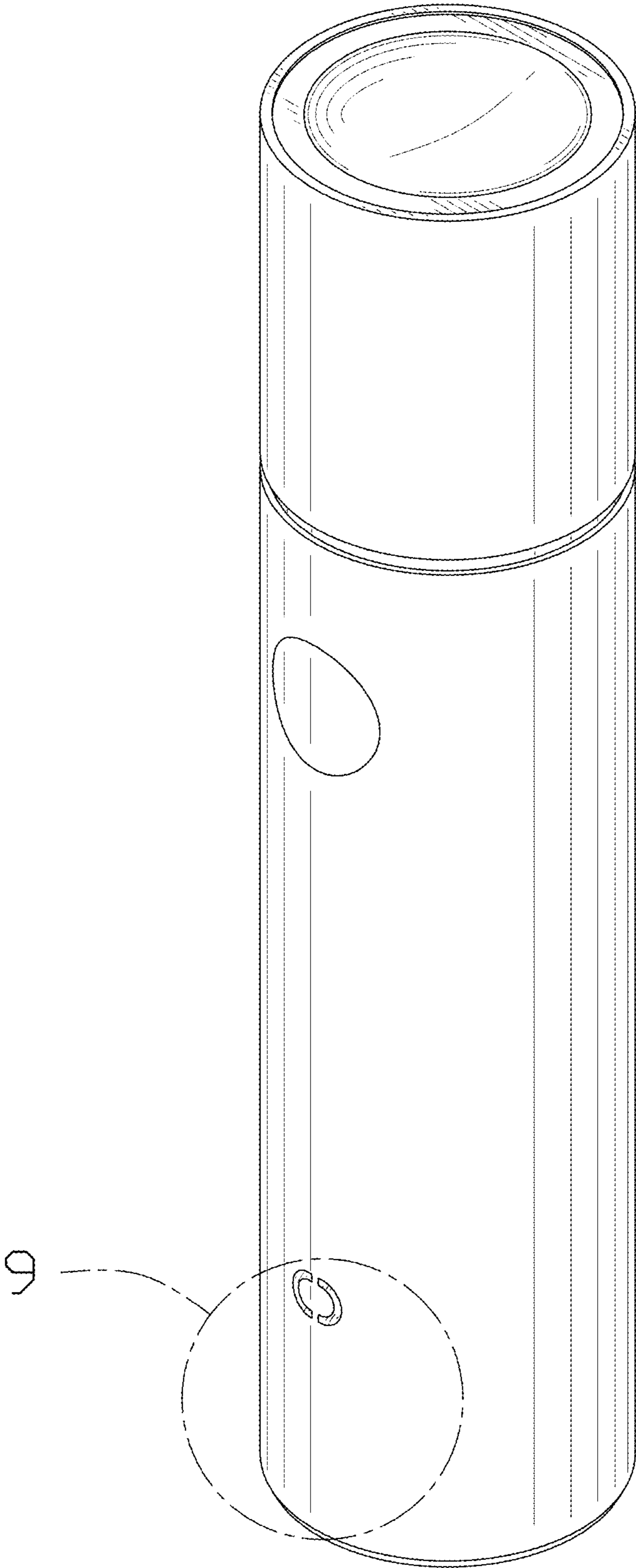


FIG. 1

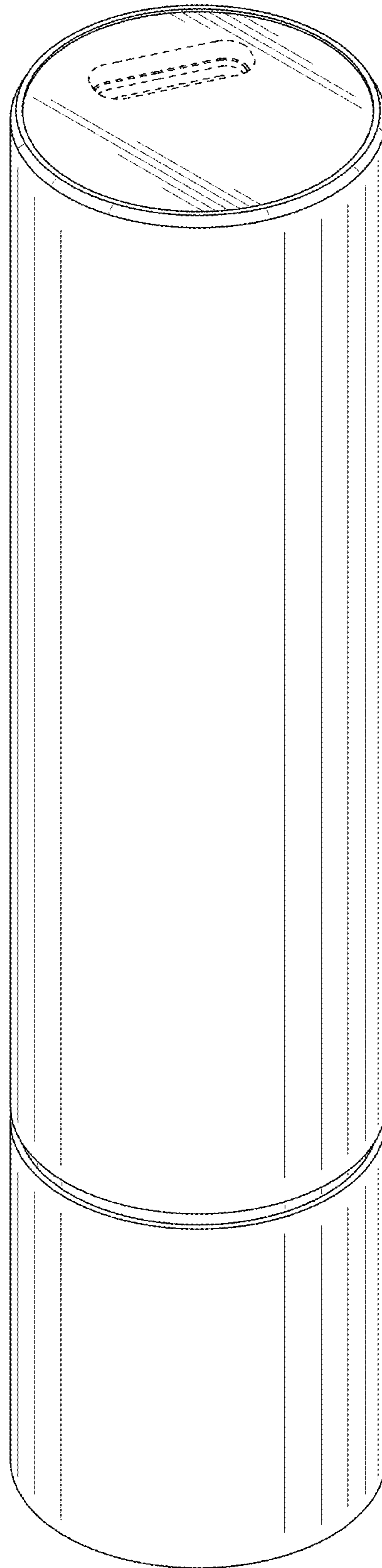


FIG. 2

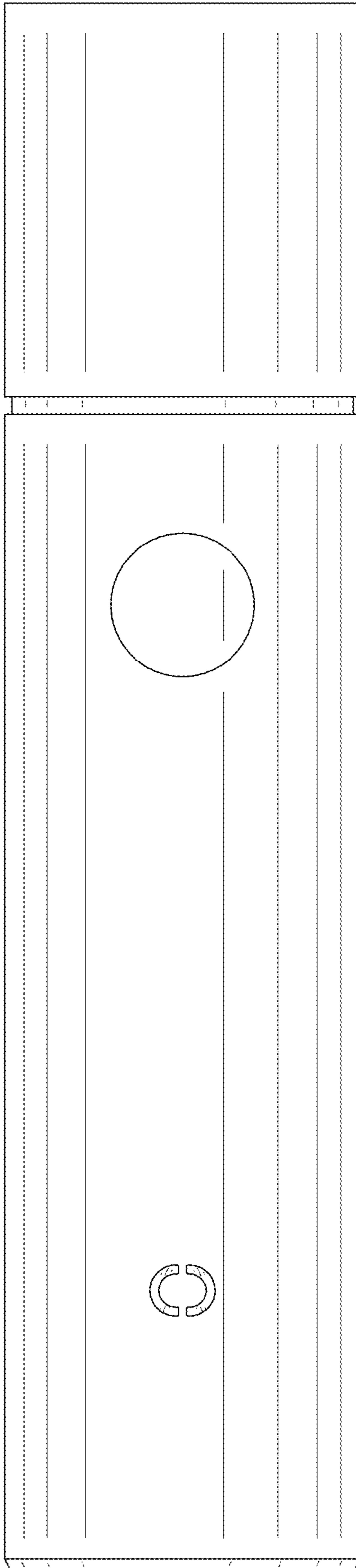


FIG. 3

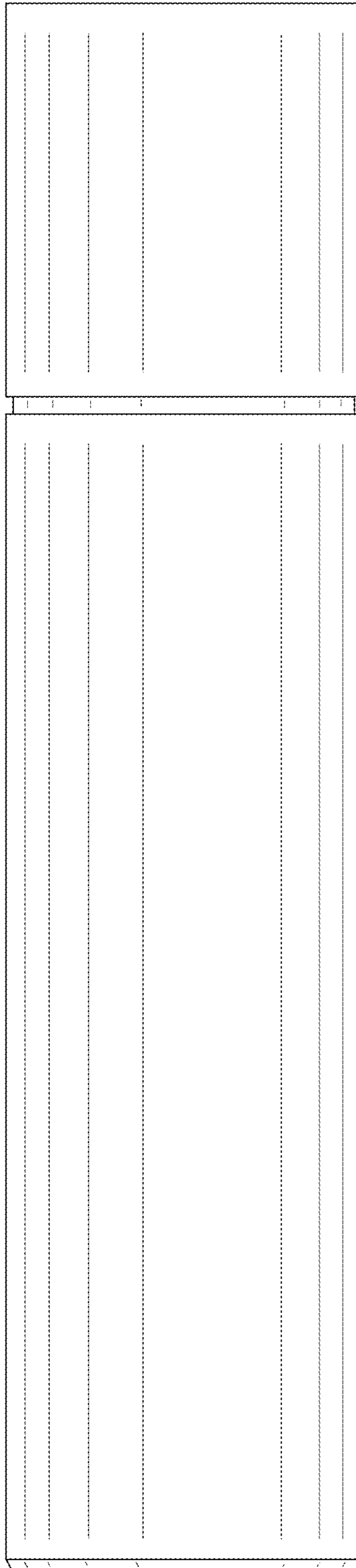


FIG. 4

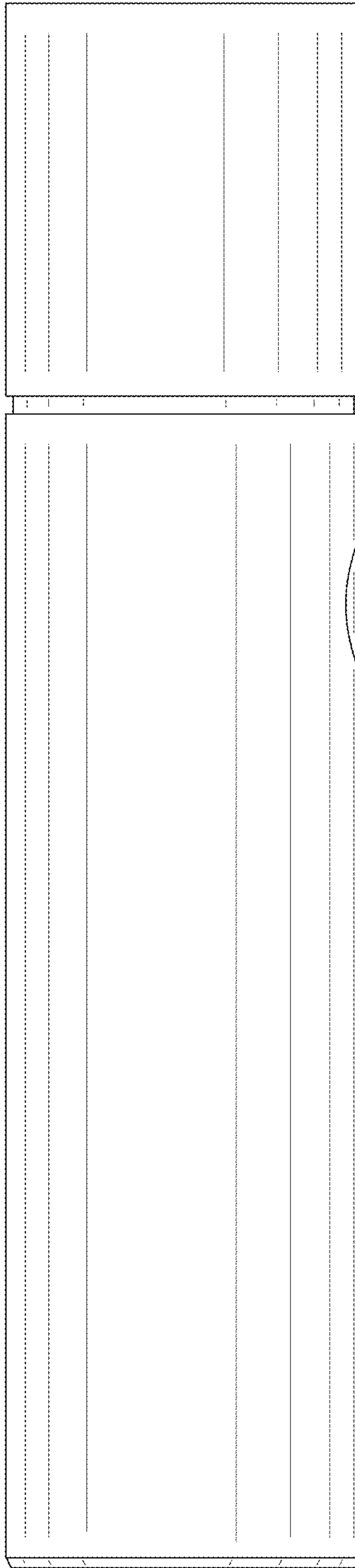


FIG. 5

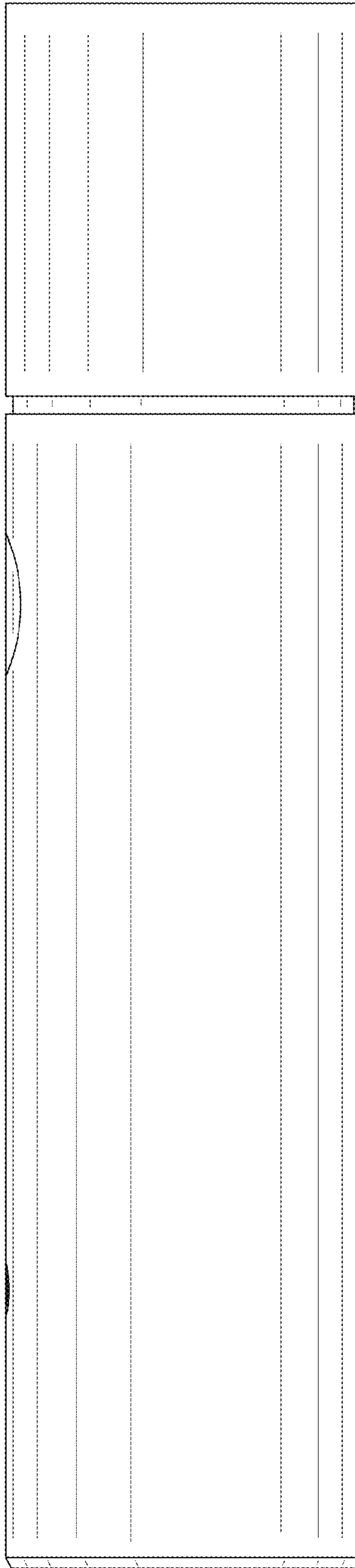


FIG. 6

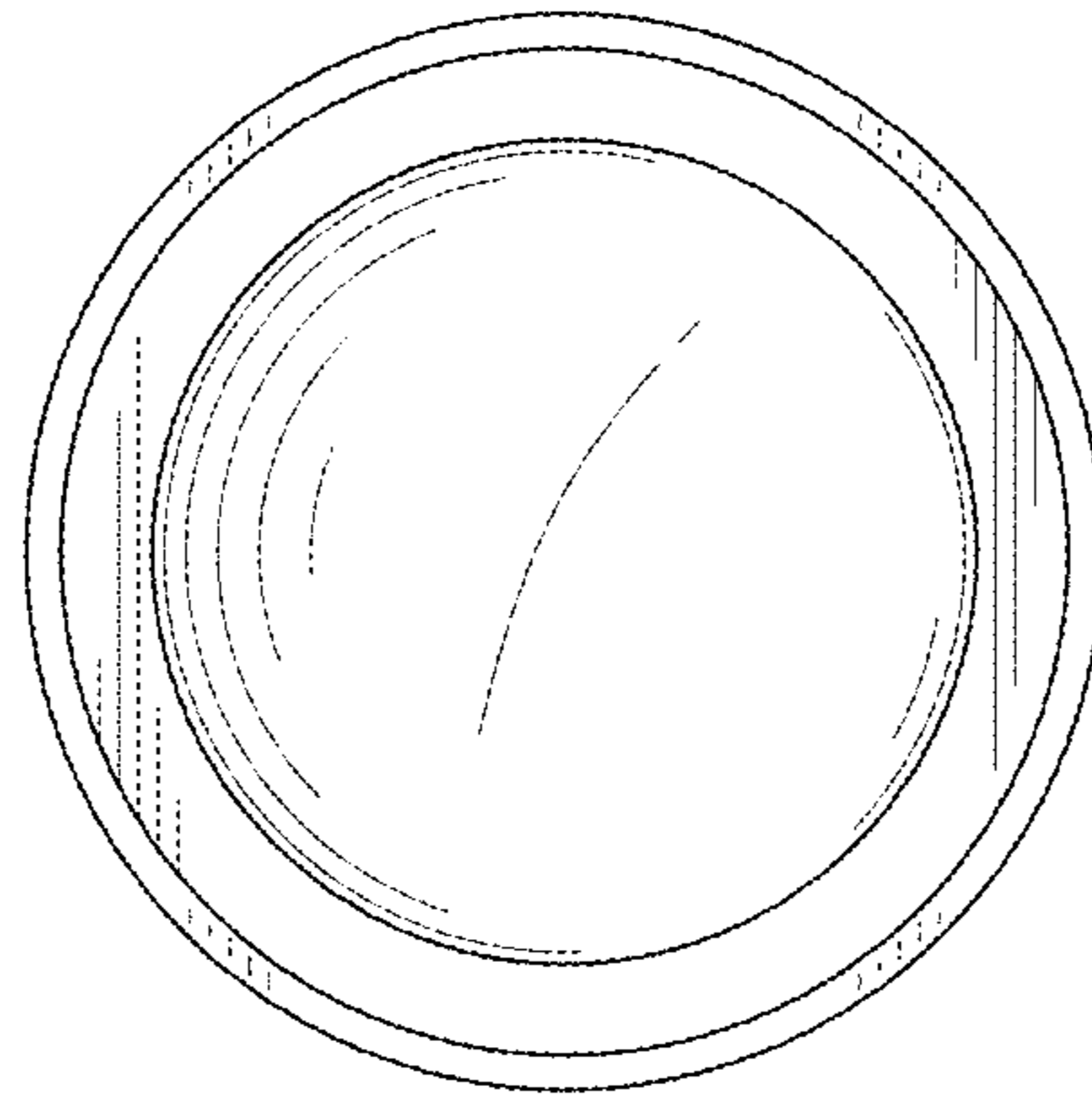


FIG. 7



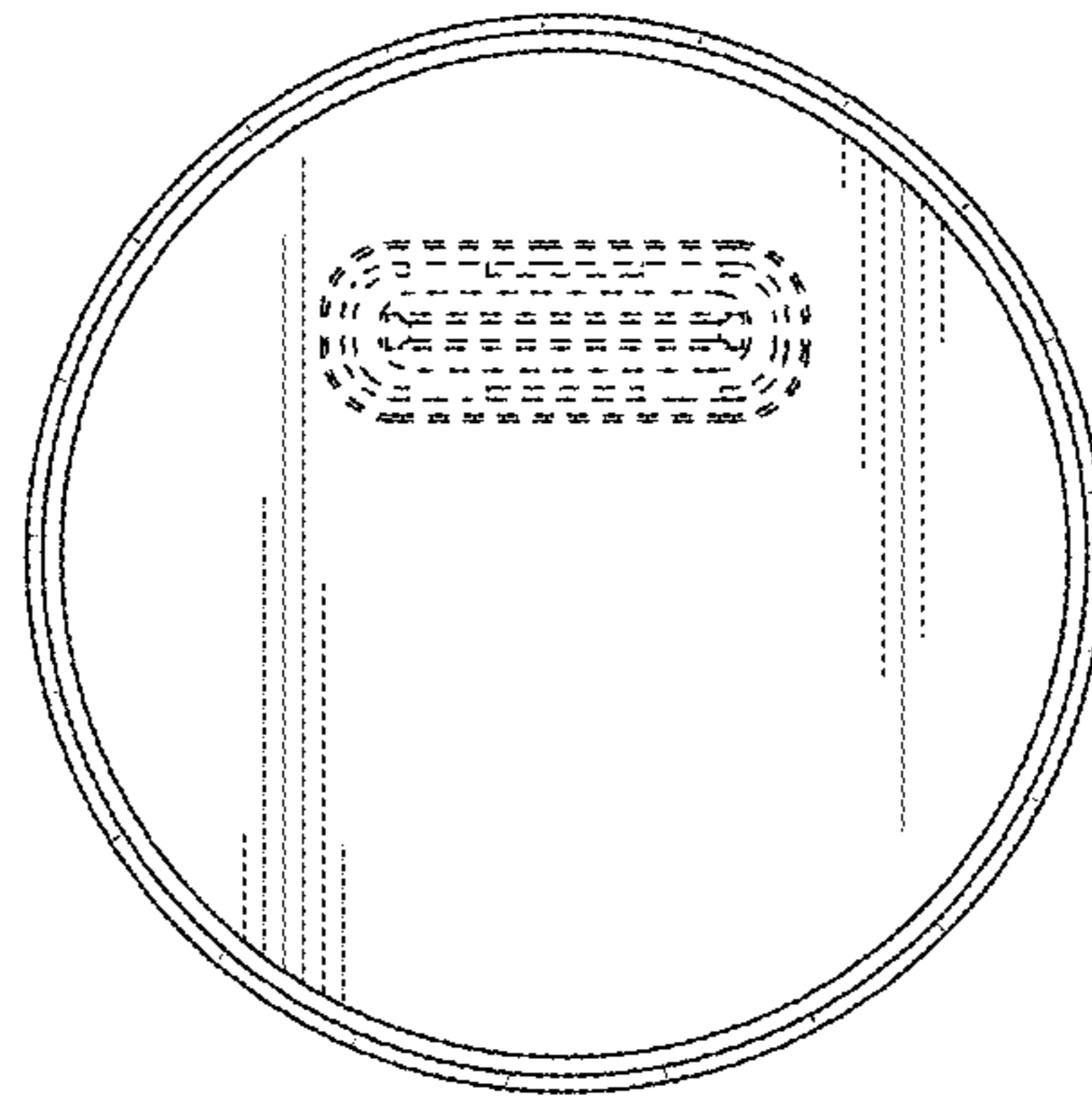


FIG. 8

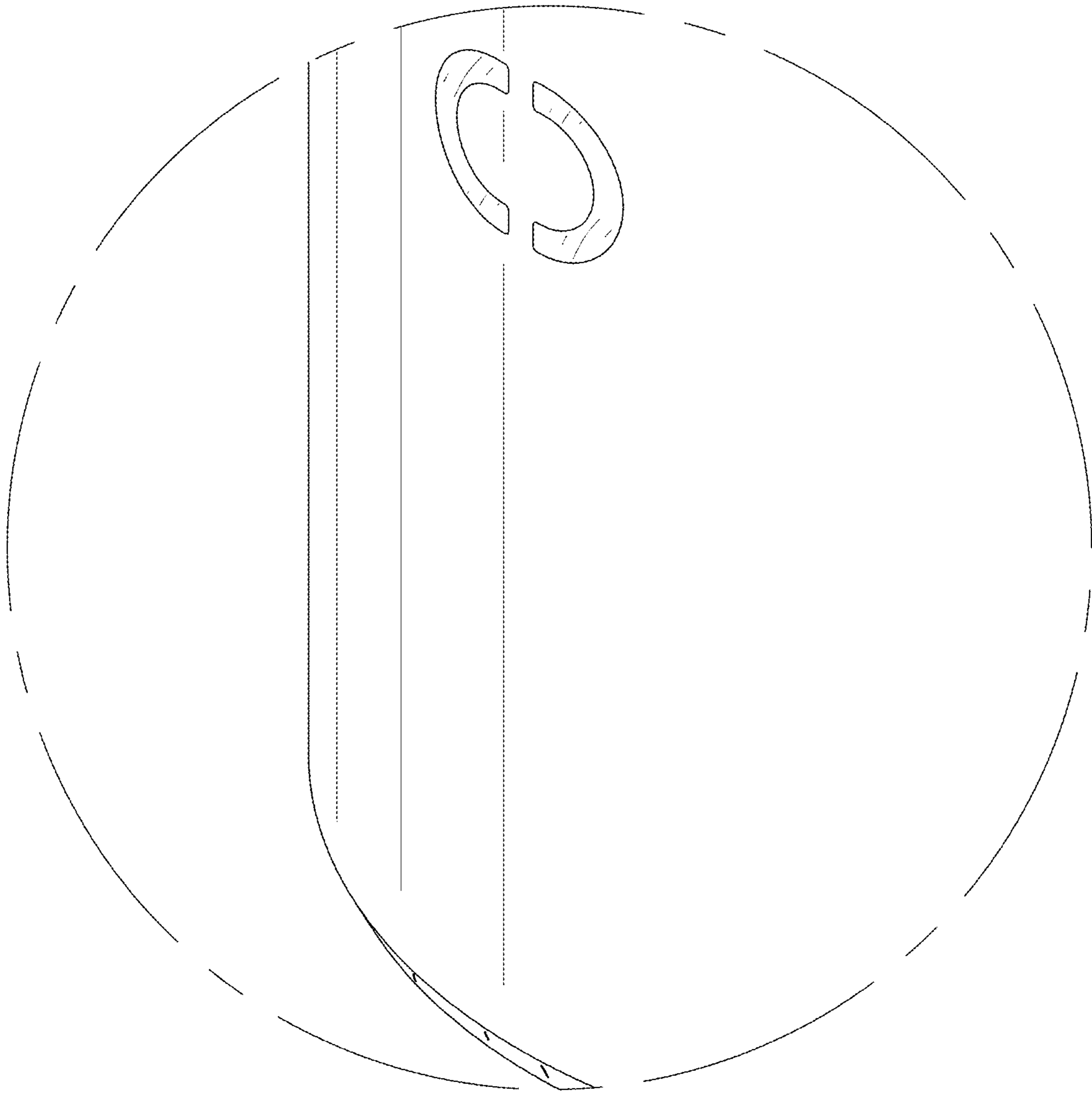


FIG. 9