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(12) **United States Design Patent** (10) **Patent No.:** **US D942,967 S**  
**Yan** (45) **Date of Patent:** **\*\* Feb. 8, 2022**

(54) **RECHARGEABLE CONTROLLER FOR STRING LIGHTS**

2016/0260955 A1\* 9/2016 Jo ..... H02J 7/0069  
2018/0309096 A1\* 10/2018 Kim ..... H01M 50/183  
2020/0365843 A1\* 11/2020 Nishikawa ..... H01M 10/613

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

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(22) Filed: **Dec. 9, 2019**

(51) **LOC (13) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/218; D13/103**

(58) **Field of Classification Search**  
USPC ..... D13/103, 107, 108, 110, 117, 118, 119, D13/133, 144, 146, 153, 154, 156; D14/217, 218, 432, 433, 434, 435.1, 439, D14/480.1, 480.5, 480.6, 480.7; D27/183, 193, 194  
CPC ..... H01R 29/00; H01R 11/00; H01R 13/46  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D479,705 S \* 9/2003 Hirokawa ..... D13/103  
D539,216 S \* 3/2007 Hamaguchi ..... D13/103  
D686,155 S \* 7/2013 Nguyen ..... D13/103  
D750,017 S \* 2/2016 Miller ..... D13/108  
D762,564 S \* 8/2016 Patton ..... D13/103  
D763,788 S \* 8/2016 Bakker ..... D13/103  
D779,460 S \* 2/2017 Turksu ..... D14/218  
D780,115 S \* 2/2017 Huang ..... D13/107  
D844,557 S \* 4/2019 Wang ..... D13/103  
D889,401 S \* 7/2020 Li ..... D13/108

**OTHER PUBLICATIONS**

“Anker PowerCore+ Mini”. Found online Jan. 15, 2021 at amazon.com. Reference dated Aug. 9, 2013. Retrieved from [https://www.amazon.com/Anker-PowerCore-Lipstick-Sized-Compatible-Smartphones/dp/B00EETOTWS/ref=as\\_li\\_ss\\_tl](https://www.amazon.com/Anker-PowerCore-Lipstick-Sized-Compatible-Smartphones/dp/B00EETOTWS/ref=as_li_ss_tl). (Year: 2013).\*

(Continued)

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(57) **CLAIM**

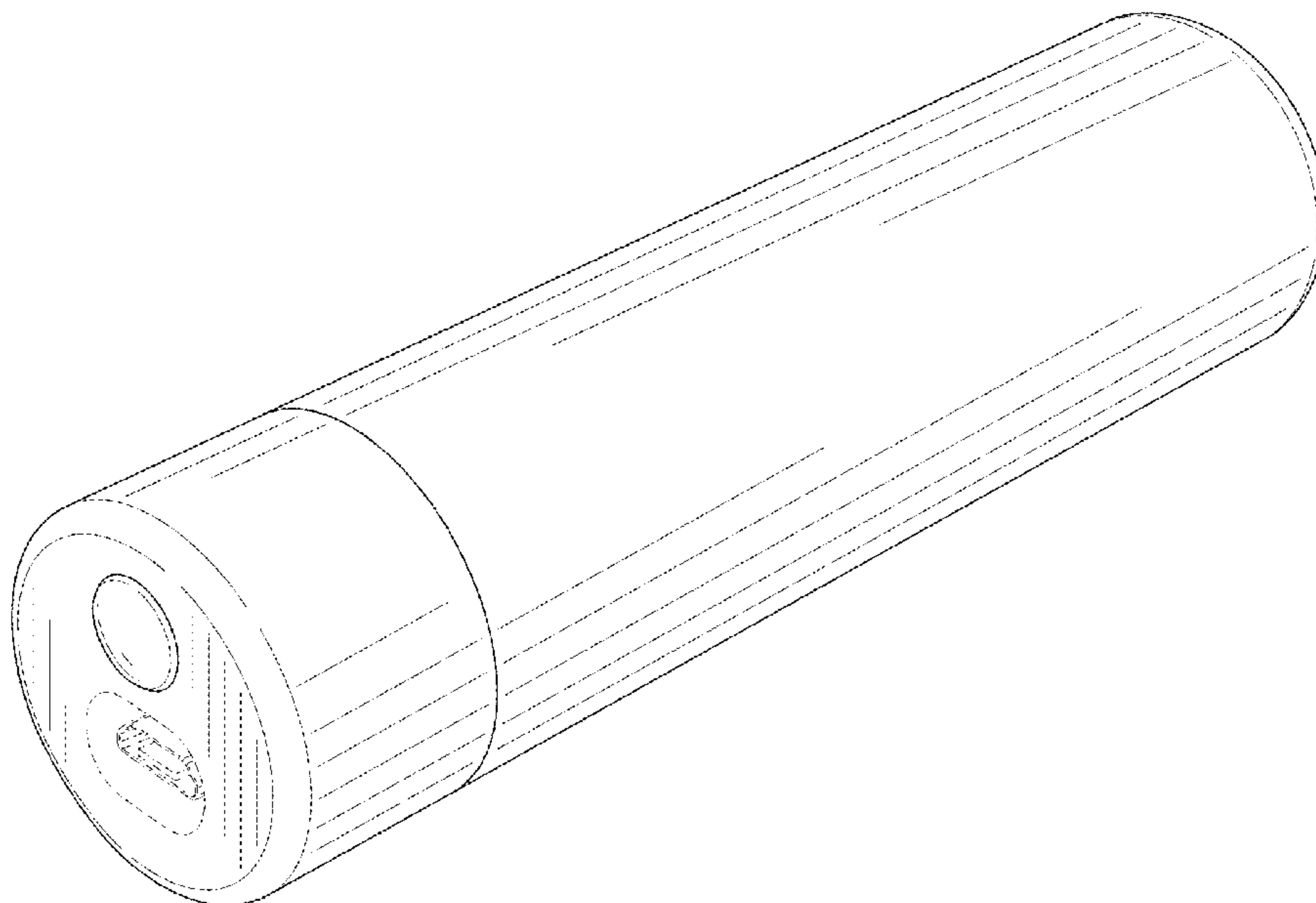
The ornamental design for a rechargeable controller for string lights, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevation view of a rechargeable controller for string lights, showing my new design;  
FIG. 2 is a rear elevation view thereof;  
FIG. 3 is a left side elevation view thereof;  
FIG. 4 is a right side elevation view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a top, front, right side perspective view thereof;  
FIG. 8 is a bottom, front, left side perspective view thereof;  
and,  
FIG. 9 is a top, front, right side perspective view of the rechargeable controller for string lights of FIG. 1, shown in a condition of use.

The broken lines in the drawings depict portions of the rechargeable controller for string lights that form no part of the claimed design. In FIG. 9, the broken lines showing a cable depict environmental subject matter only, and form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

OTHER PUBLICATIONS

“ECO USBCell Battery”. Found online Feb. 9, 2021 at pilot-sales.com. Reference dated Apr. 29, 2016. Retrieved from [https://tineye.com/search/4fa1aad9ba2e075df3c2c34a923d570d43a62bf1?sort=crawl\\_date&order=asc&page=1](https://tineye.com/search/4fa1aad9ba2e075df3c2c34a923d570d43a62bf1?sort=crawl_date&order=asc&page=1). (Year: 2016).\*

“USB Rechargeable String Light”. Found online Feb. 9, 2021 at amazon.com. Reference dated Sep. 21, 2019. Retrieved from <https://www.amazon.com.au/NEW%E3%80%91Fairy-Rechargeable-Christmas-Control-Movable/dp/B07Y6HGX3S>. (Year: 2019).\*

“ShareThings Twinkle Lights Rechargeable Battery”. Found online Jan. 15, 2021 at amazon.ca. Reference dated Jan. 1, 2020. Retrieved from <https://www.amazon.ca/ShareThings-200LEDs-Rechargeable-Operated-Waterproof/dp/B082SMR9KB>. (Year: 2020).\*

\* cited by examiner

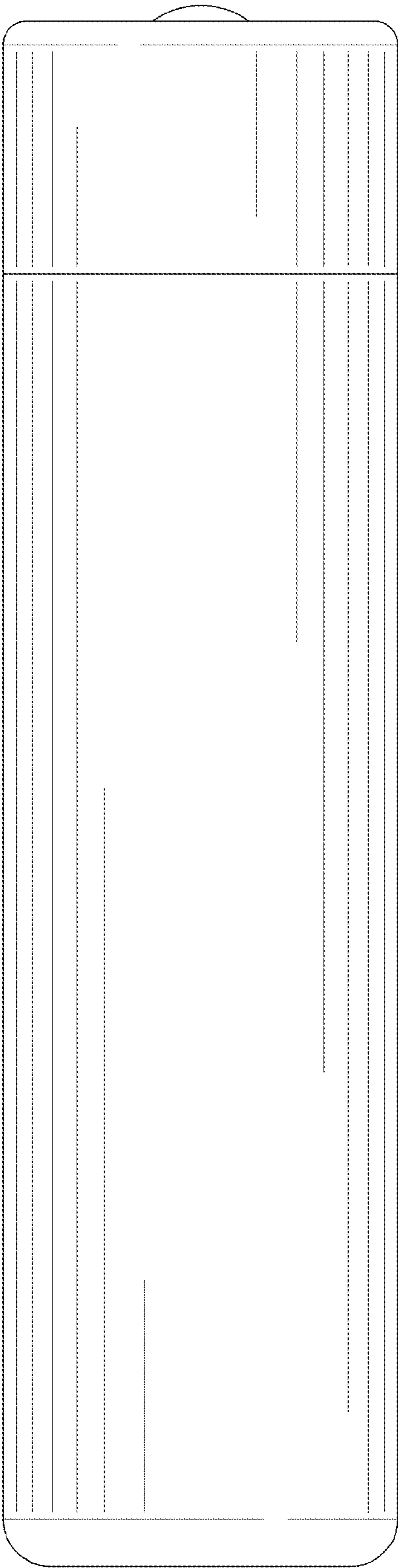


FIG. 1

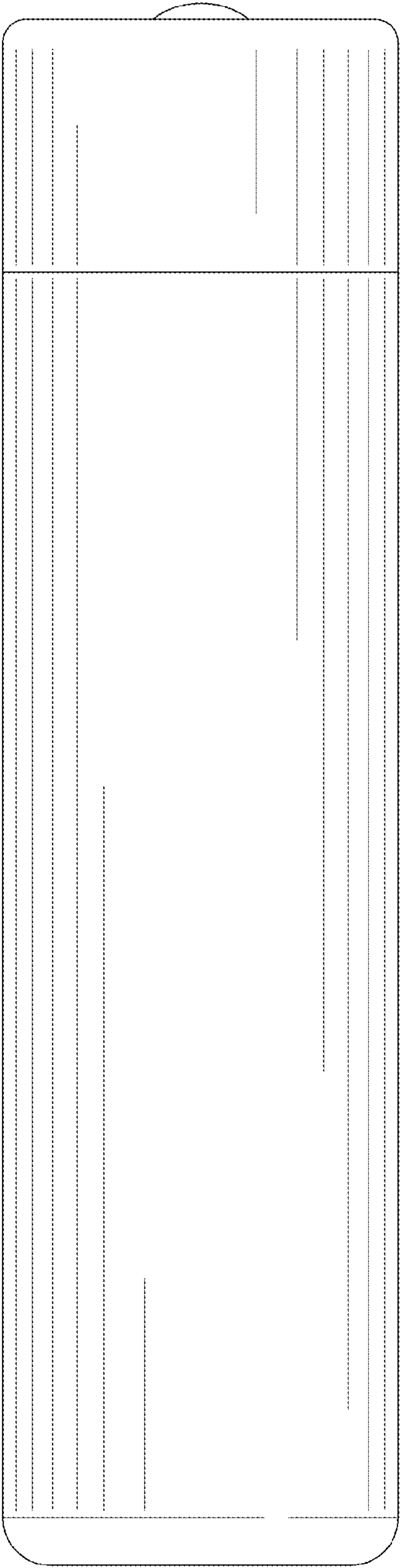


FIG. 2

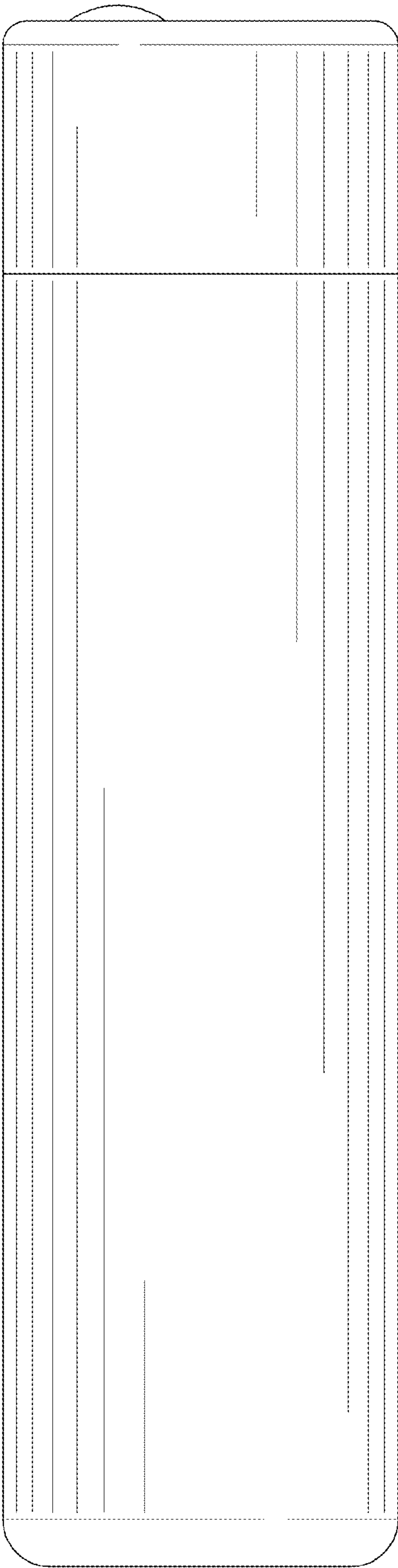


FIG. 3

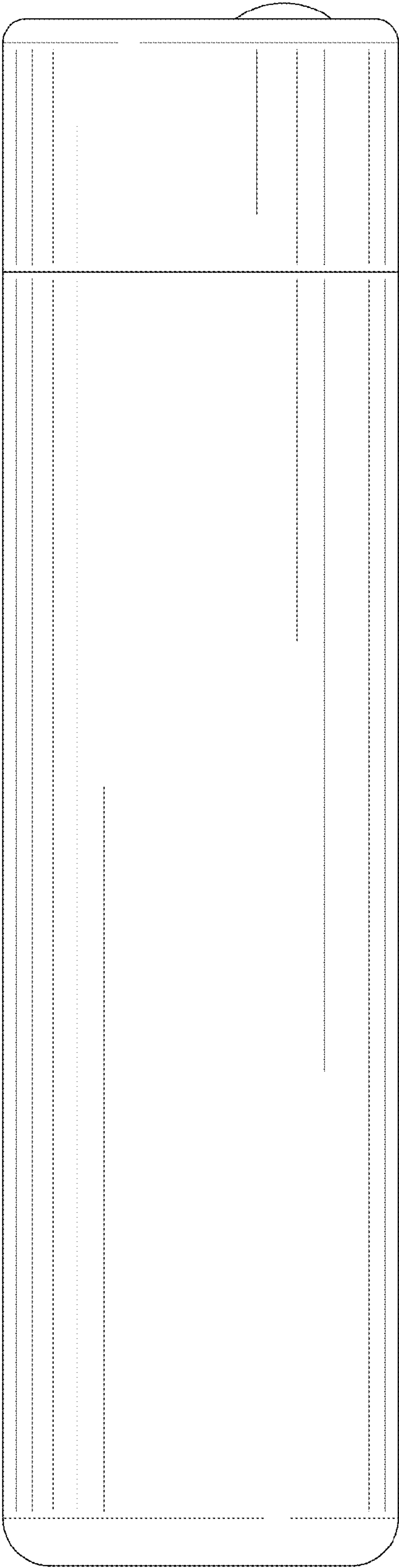


FIG. 4



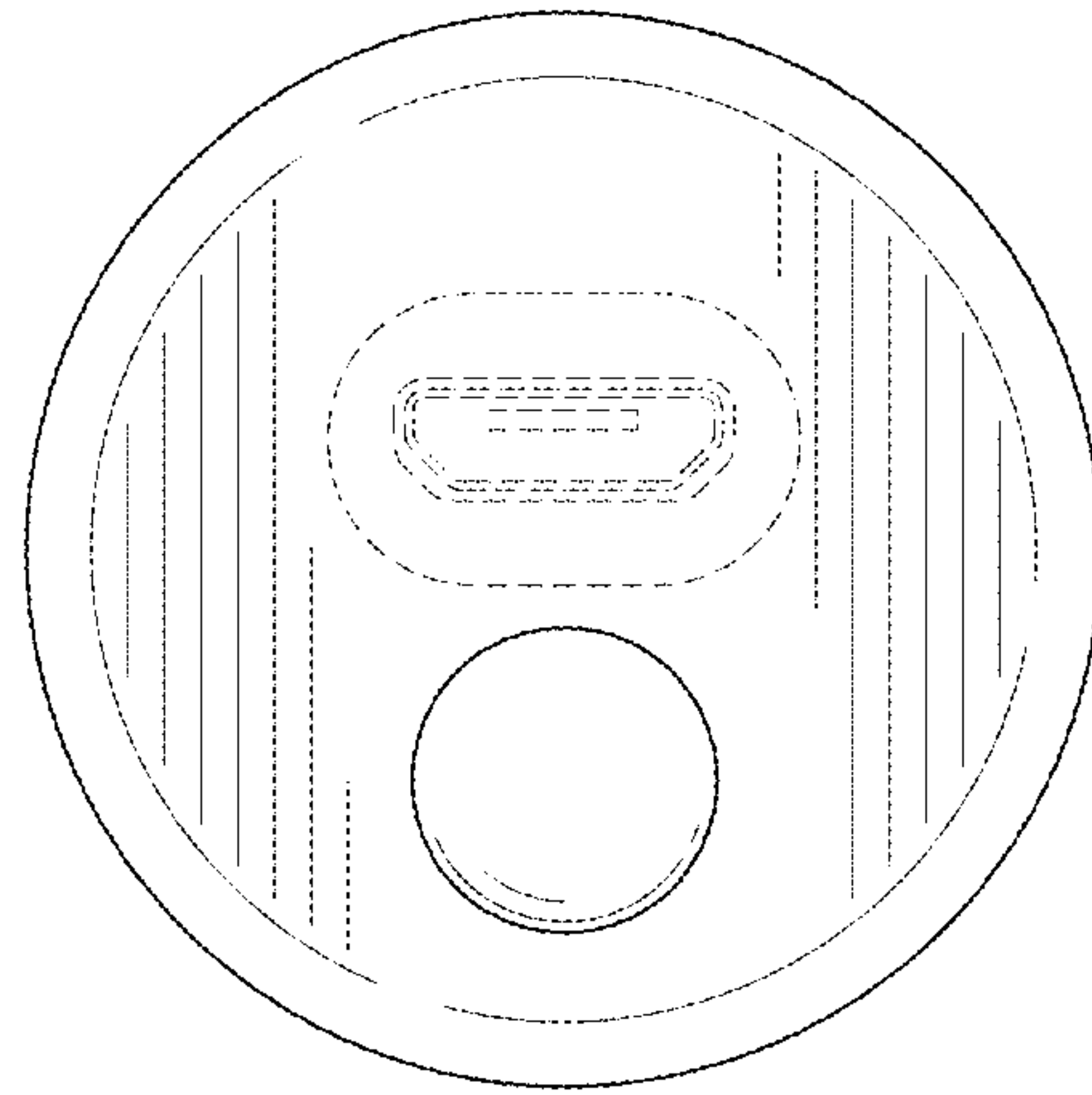


FIG. 5

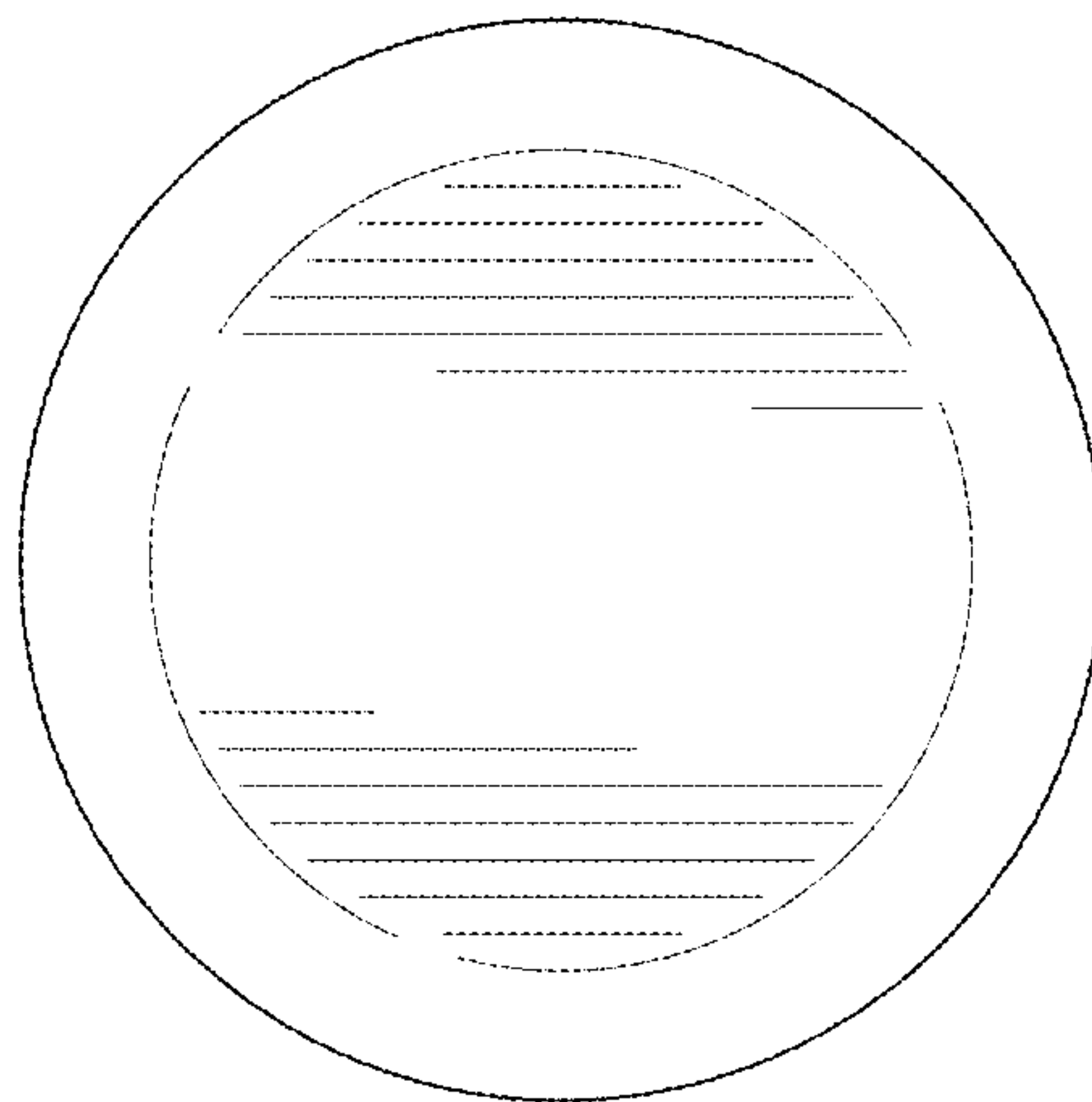


FIG. 6



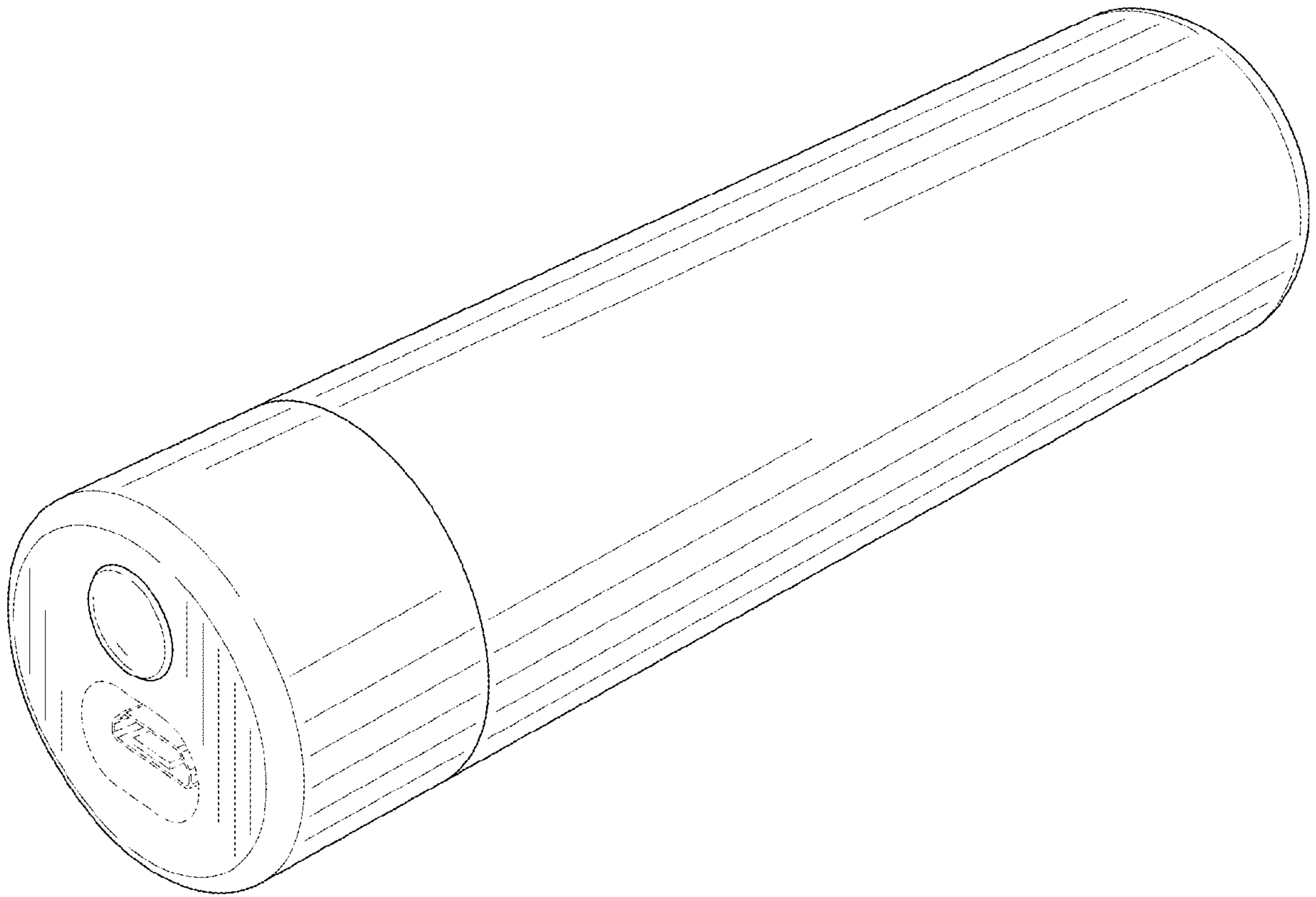


FIG. 7

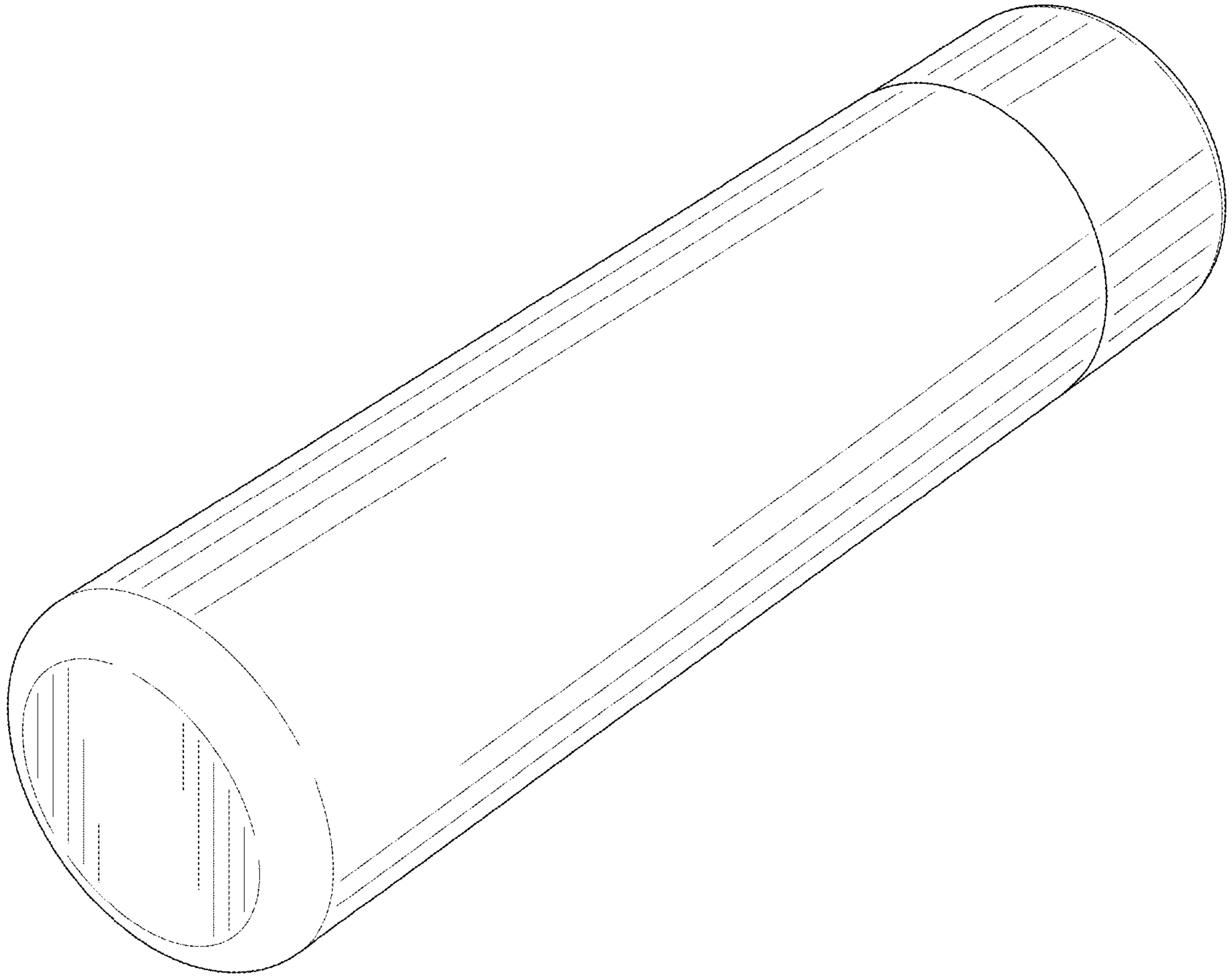


FIG. 8

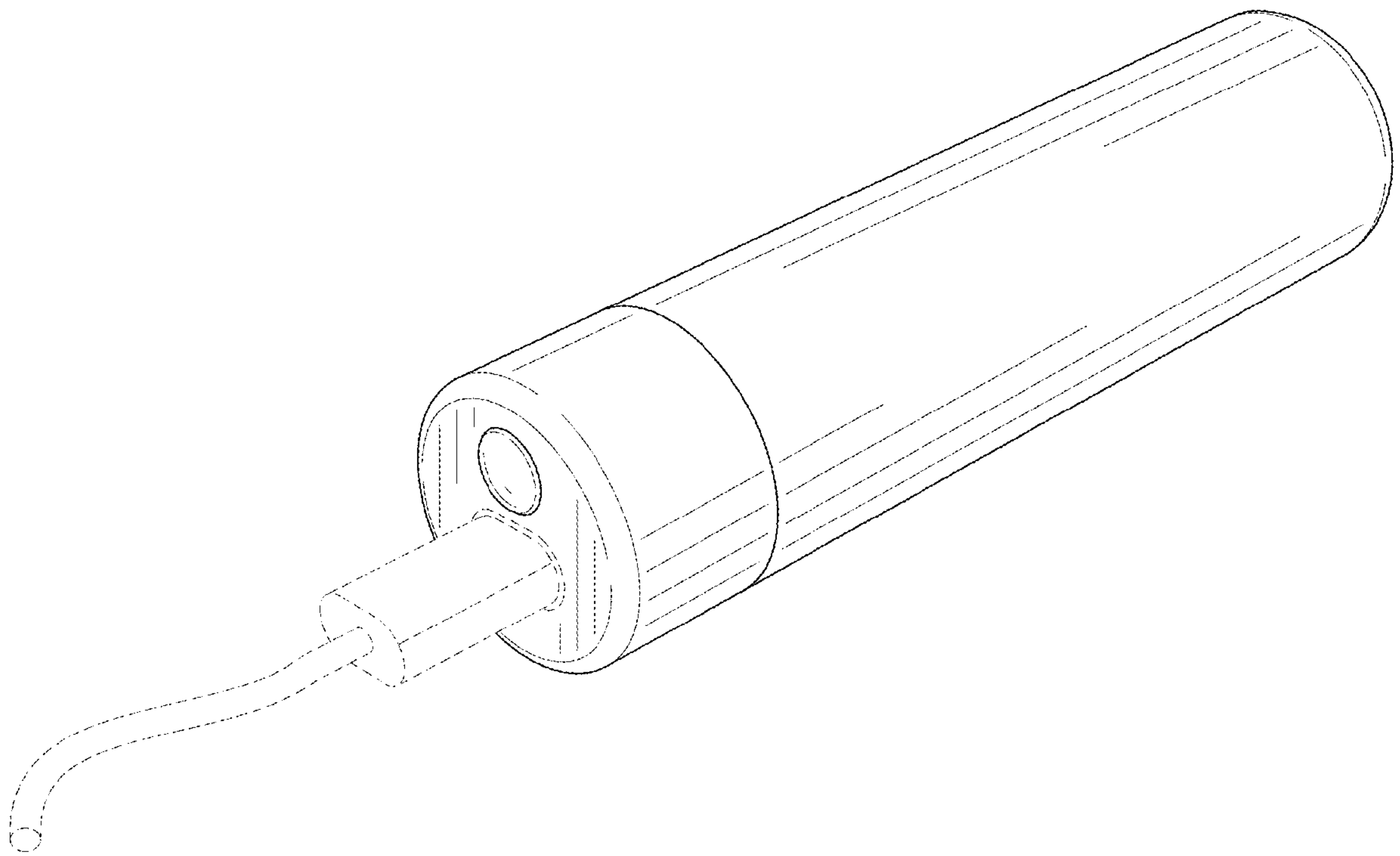


FIG. 9