



US00D885362S

(12) **United States Design Patent**  
**Huang**

(10) **Patent No.:** **US D885,362 S**

(45) **Date of Patent:** **\*\* May 26, 2020**

(54) **EARPHONES AND CASE**

(71) Applicant: **HMD Global Oy**, Espoo (FI)

(72) Inventor: **Chien-Hsin Huang**, Taipei (TW)

(73) Assignee: **HMD Global Oy**, Espoo (FI)

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

(21) Appl. No.: **29/668,993**

(22) Filed: **Nov. 5, 2018**

(30) **Foreign Application Priority Data**

Oct. 18, 2018 (EM) ..... 005802113

(51) **LOC (12) Cl.** ..... **14-01**

(52) **U.S. Cl.**  
USPC ..... **D14/205**

(58) **Field of Classification Search**

USPC ..... D14/223, 205; D13/107, 108; D3/218;  
D9/415, 424, 924; 181/129, 130, 135;  
379/430, 431; 381/380, 381, 374, 323,  
381/328; 455/90.3, 575.1, 569.1

CPC ..... H04R 1/1025; H04R 1/10; H04R 1/1016;  
H04R 1/1066; H04R 5/033; H04R  
5/0335; H04R 1/02

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D129,291 S \* 9/1941 Petzold ..... D28/88  
2,672,863 A \* 3/1954 Leight ..... A61F 11/08  
128/867  
3,859,140 A \* 1/1975 Schmidt ..... H01M 2/105  
429/99  
3,983,336 A \* 9/1976 Malek ..... H04R 25/402  
381/313  
D259,279 S \* 5/1981 Takeda ..... D24/106  
4,671,265 A \* 6/1987 Andersson ..... A61F 11/12  
128/866

5,748,743 A \* 5/1998 Weeks ..... H04R 25/654  
381/312  
6,567,527 B1 \* 5/2003 Baker ..... H01M 2/0202  
381/322  
D481,709 S \* 11/2003 Solderits ..... D14/223  
D505,411 S \* 5/2005 Sakai ..... D14/192

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 304455031 S 1/2018  
CN 304926291 S 12/2018  
EM 005802113-0001 \* 10/2018

*Primary Examiner* — Paula Allen Greene

(74) *Attorney, Agent, or Firm* — ScienBiziP, P.C.

(57) **CLAIM**

The ornamental design for an earphones earphones and case, as shown and described.

**DESCRIPTION**

FIG. 1 is a top front perspective view of an earphones earphones and case showing my design;

FIG. 2 is a bottom rear perspective view of the earphones and case of FIG. 1;

FIG. 3 is a front elevation view of the earphones and case of FIG. 1;

FIG. 4 is a rear elevation view of the earphones and case of FIG. 1;

FIG. 5 is a left side elevation view of the earphones and case of FIG. 1;

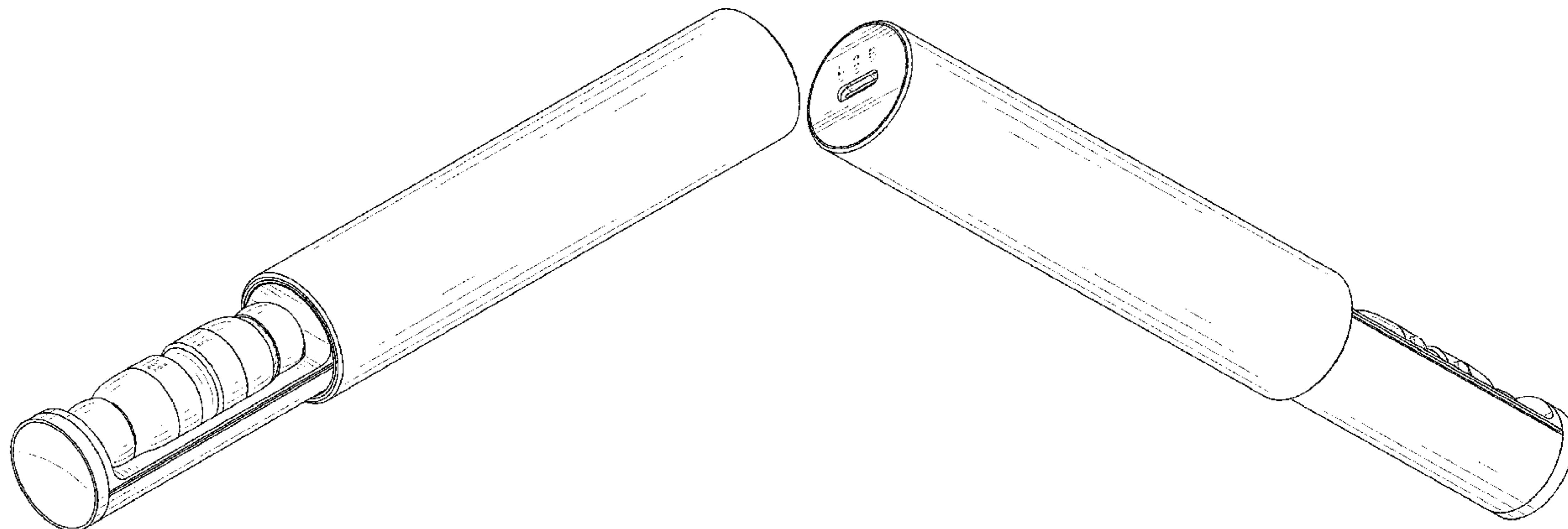
FIG. 6 is a right side elevation view of the earphones and case of FIG. 1;

FIG. 7 is a top plan view of the earphones and case of FIG. 1; and,

FIG. 8 is a bottom plan view of the earphones and case of FIG. 1.

The broken lines in the drawings are for illustrating unclaimed portions of the earphones and case, and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D542,282 S \* 5/2007 Yoshiyama ..... D14/223  
 D548,325 S \* 8/2007 Benner ..... D24/106  
 7,264,081 B2 \* 9/2007 Bruck ..... A61F 11/08  
 181/135  
 7,443,992 B2 \* 10/2008 Fideler ..... H04R 25/604  
 381/328  
 D584,398 S \* 1/2009 Benner ..... D24/106  
 D587,681 S \* 3/2009 Yanai ..... D14/205  
 D598,374 S \* 8/2009 Sasada ..... D13/108  
 D614,168 S \* 4/2010 Rogers ..... D14/206  
 D624,902 S \* 10/2010 Kolton ..... D14/205  
 D639,280 S \* 6/2011 Hayes ..... D14/223  
 D645,816 S \* 9/2011 Sasada ..... D13/108  
 D656,922 S \* 4/2012 Massaro ..... D14/223  
 D664,920 S \* 8/2012 Huang ..... D13/107  
 8,275,166 B2 \* 9/2012 Wu ..... H04R 25/00  
 381/328  
 8,290,193 B2 \* 10/2012 Pang ..... H04R 1/1033  
 381/370  
 D685,764 S \* 7/2013 Coulter ..... D14/205  
 D699,226 S \* 2/2014 Yoon ..... D14/206  
 8,731,227 B2 \* 5/2014 Hwang ..... H04R 1/1091  
 181/135  
 8,983,108 B2 \* 3/2015 Ho ..... H04R 1/1016  
 181/135

D746,792 S \* 1/2016 Kim ..... D14/205  
 D749,506 S \* 2/2016 Morgan ..... D13/108  
 D751,053 S \* 3/2016 Shin ..... D14/205  
 9,402,120 B2 \* 7/2016 Linden ..... H04R 5/033  
 D762,564 S \* 8/2016 Patton ..... D13/103  
 9,438,989 B2 \* 9/2016 Chu ..... H04R 1/2811  
 D772,204 S \* 11/2016 Tsou ..... D14/223  
 D772,840 S \* 11/2016 Forslund ..... D14/205  
 9,532,128 B2 \* 12/2016 Linden ..... H04R 1/1025  
 D780,115 S \* 2/2017 Huang ..... D13/107  
 D781,269 S \* 3/2017 Choe ..... D14/223  
 D782,998 S \* 4/2017 Shin ..... D14/205  
 D789,909 S \* 6/2017 Hung ..... D14/223  
 D797,043 S \* 9/2017 Akana ..... D13/103  
 D835,577 S \* 12/2018 Zhang ..... D13/108  
 D841,580 S \* 2/2019 Bao ..... D13/108  
 D841,581 S \* 2/2019 Bonahoom ..... D13/108  
 D853,350 S \* 7/2019 Linden ..... D14/205  
 D864,151 S \* 10/2019 Zhang ..... D14/205  
 2013/0265001 A1 \* 10/2013 Popper ..... H01M 2/30  
 320/107  
 2016/0056548 A1 \* 2/2016 Wendt ..... H01R 4/5008  
 439/725  
 2016/0073189 A1 \* 3/2016 Linden ..... H04R 1/1025  
 381/74  
 2019/0327550 A1 \* 10/2019 Linden ..... H04R 1/1016

\* cited by examiner

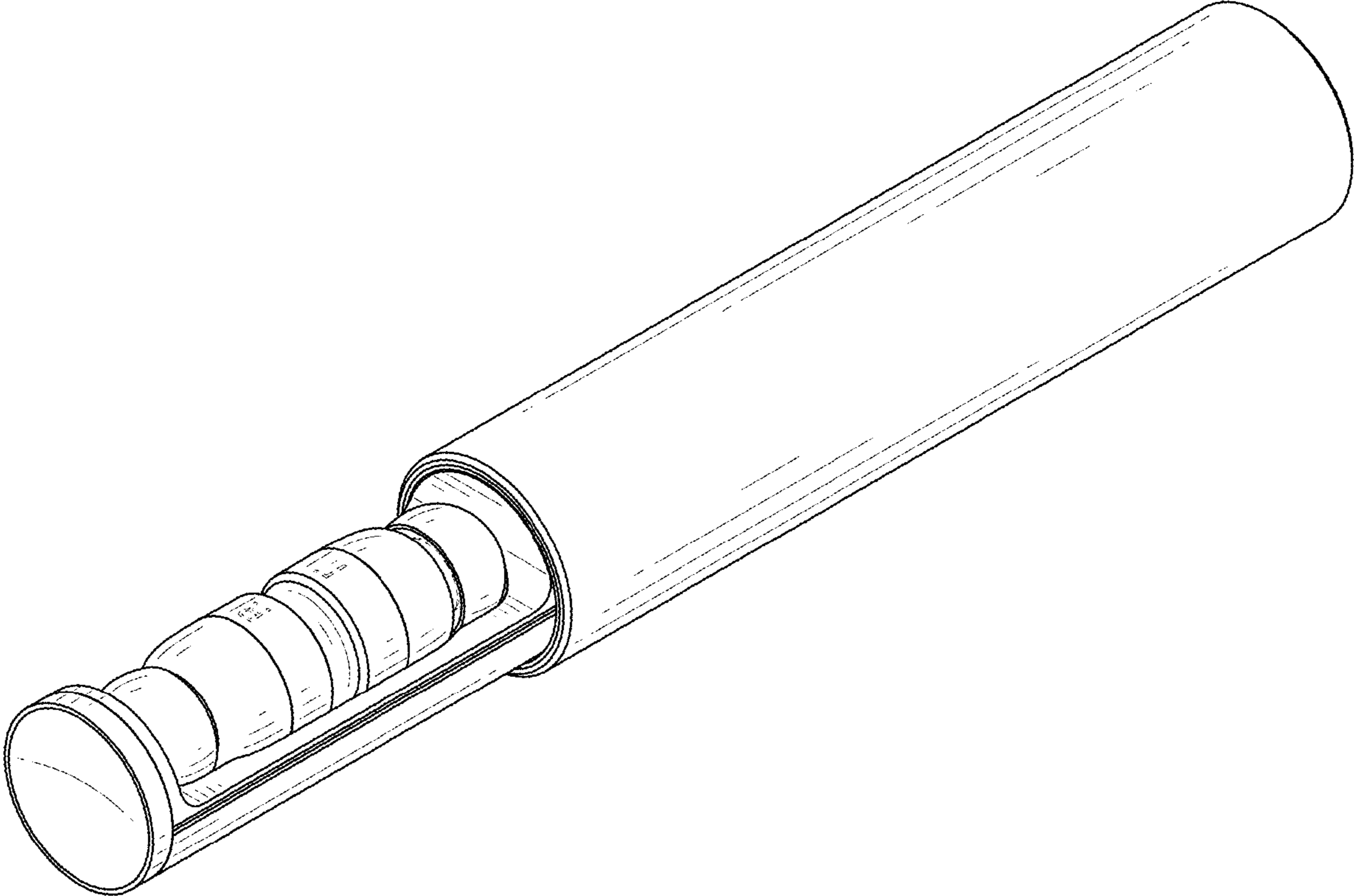


FIG. 1

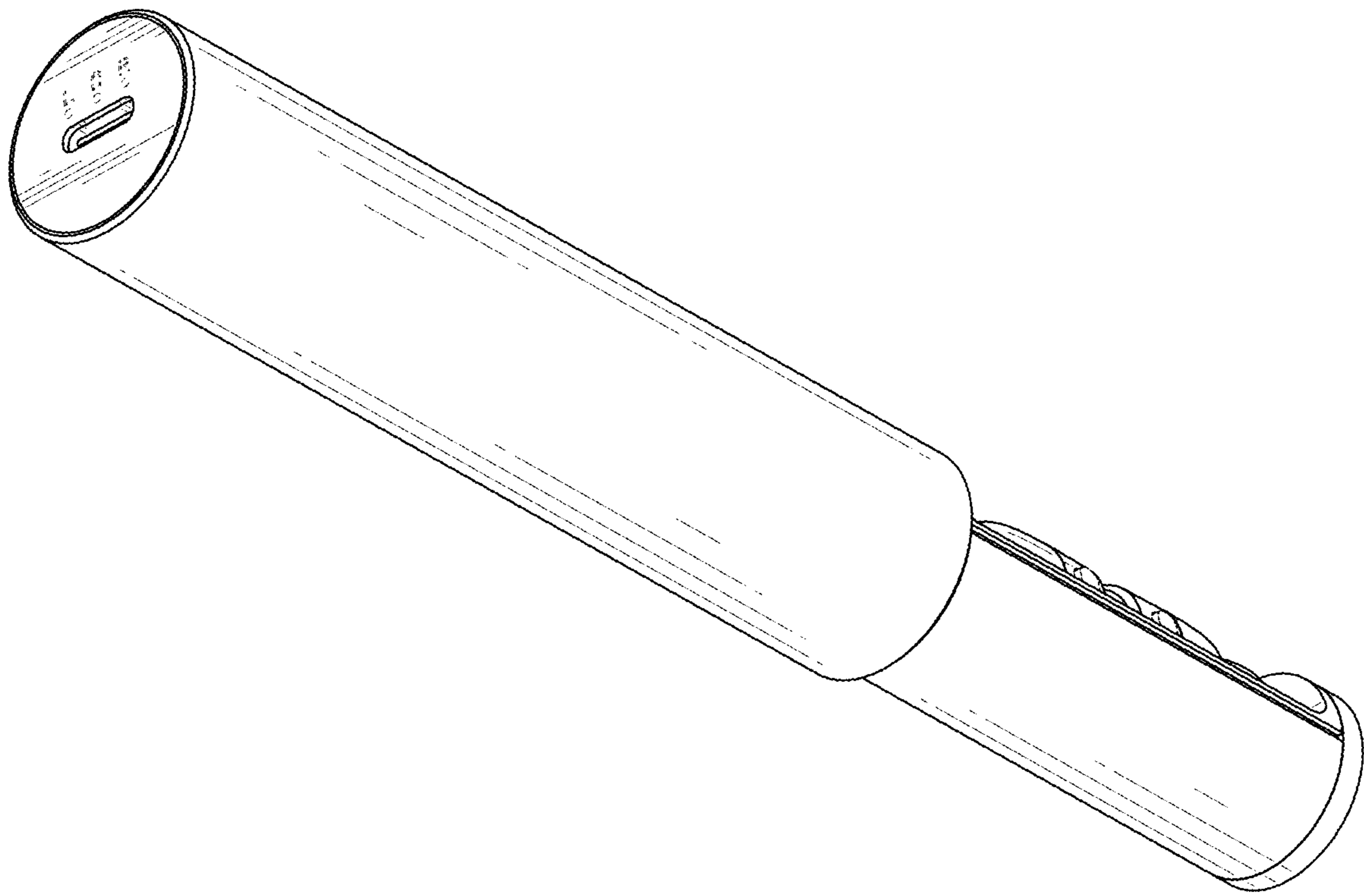


FIG. 2

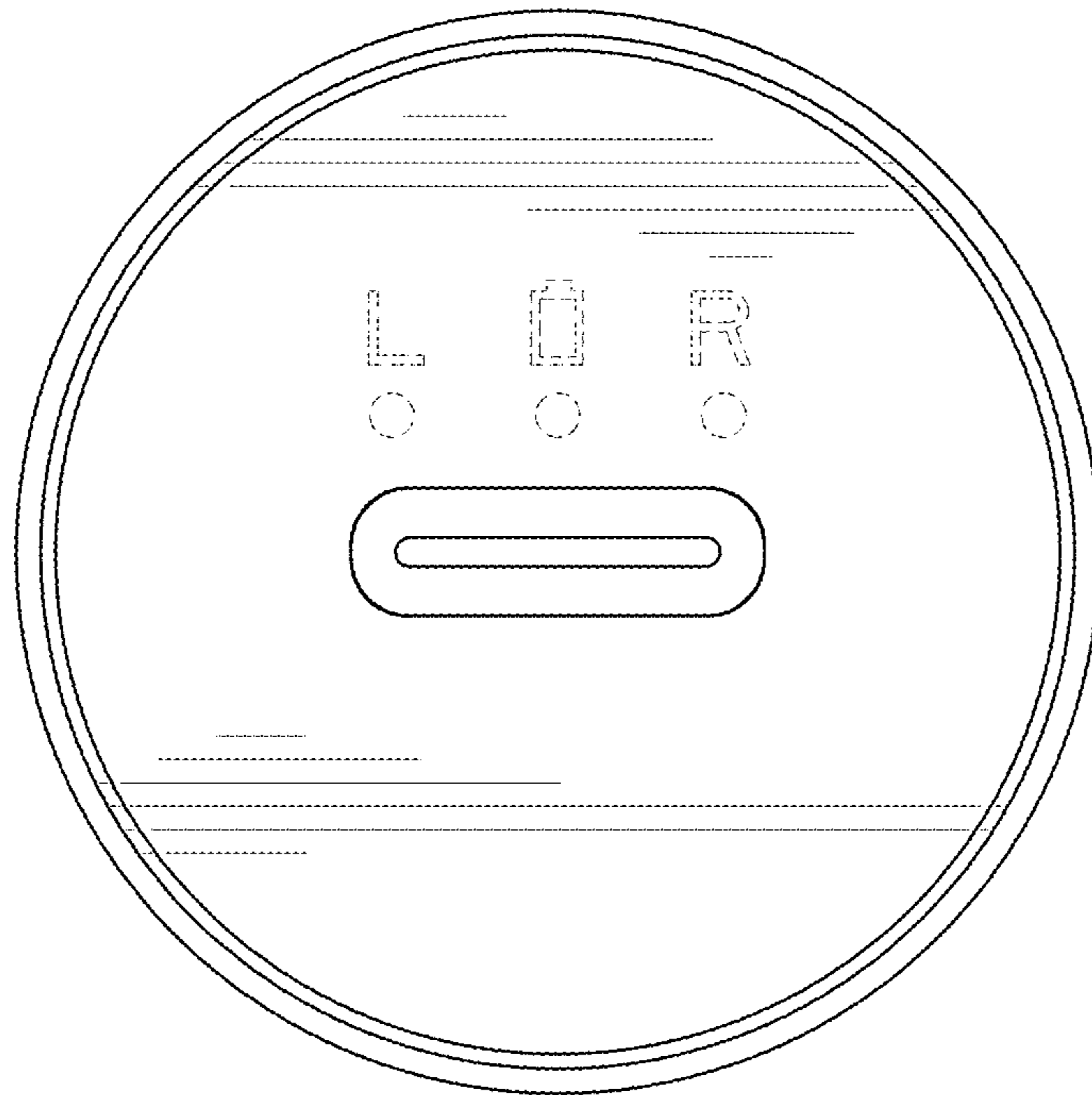


FIG. 3



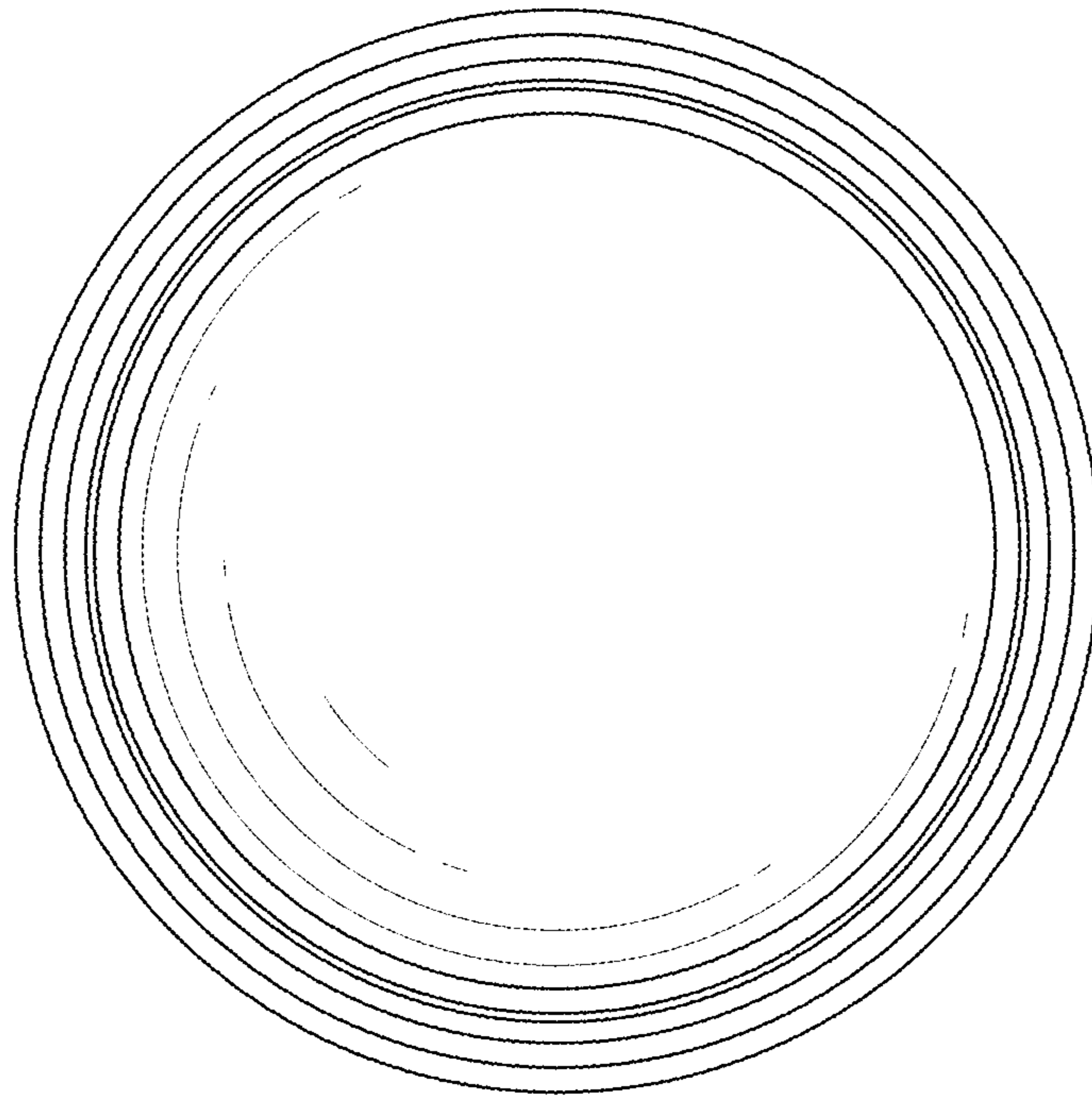


FIG. 4

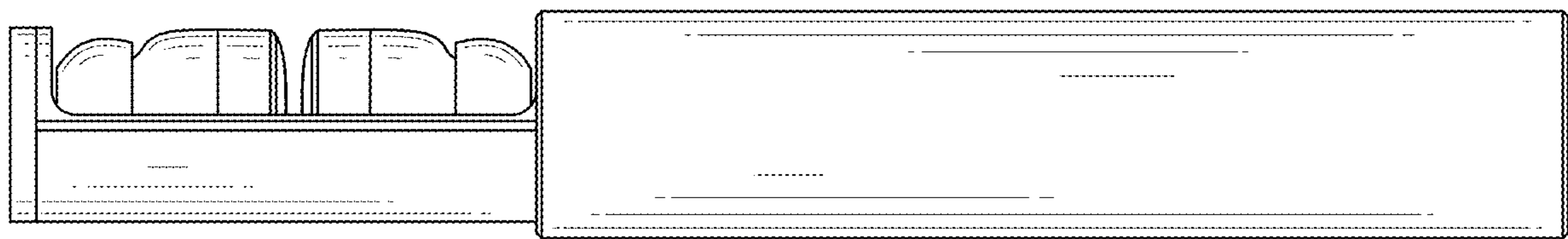


FIG. 5

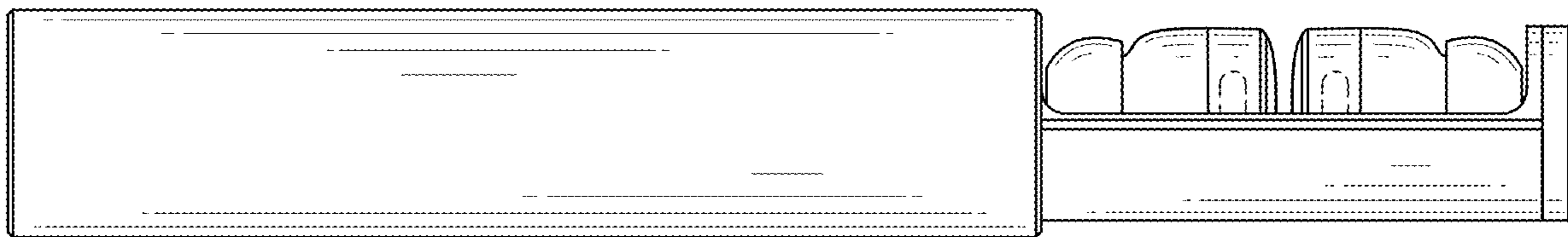


FIG. 6



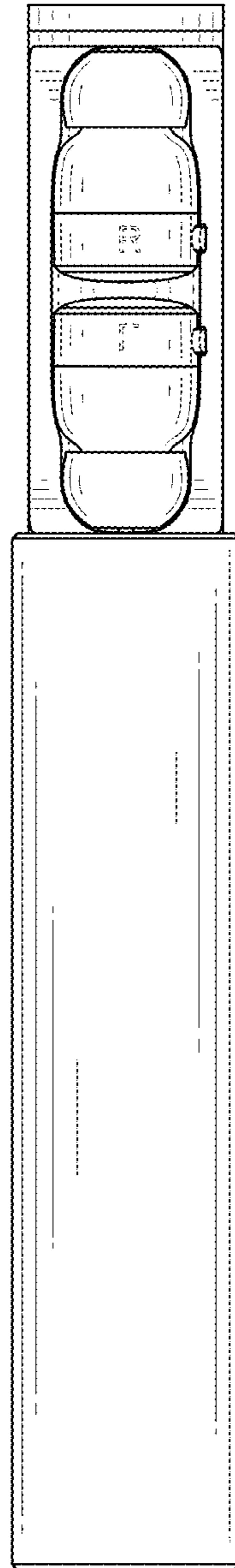


FIG. 7

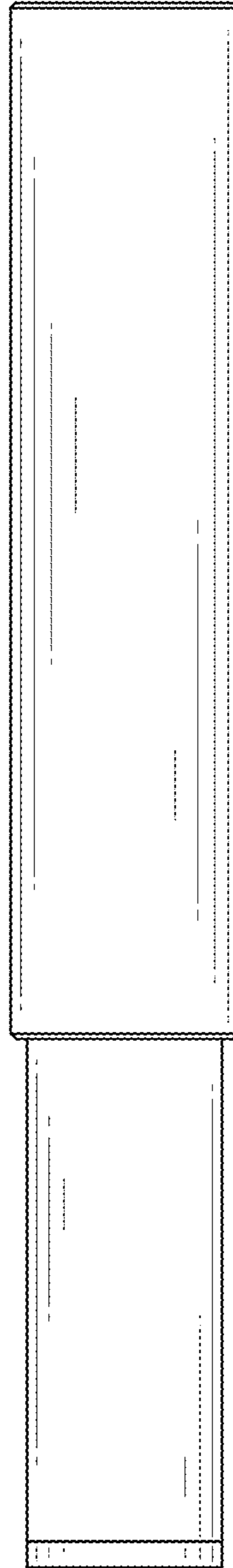


FIG. 8