

US00D736701S

(12) **United States Design Patent**
Shigeno et al.

(10) **Patent No.:** **US D736,701 S**

(45) **Date of Patent:** **** Aug. 18, 2015**

(54) **CASE WITH BATTERY CHARGER FOR ELECTRIC TOOTHBRUSH**

(71) Applicants: **Colgate-Palmolive Company**, New York, NY (US); **Omron Healthcare Co., Ltd.**, Kyoto (JP)

(72) Inventors: **Takashi Shigeno**, Tokyo (JP); **Kazuya Andachi**, Tokyo (JP); **Tamaki Ito**, Kyoto (JP)

(73) Assignee: **COLGATE-PALMOLIVE COMPANY**, New York, NY (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/456,355**

(22) Filed: **May 30, 2013**

(30) **Foreign Application Priority Data**

Nov. 30, 2012 (JP) 2012-029431

(51) **LOC (10) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/108**

(58) **Field of Classification Search**

USPC D13/107-110, 118-119, 184, 199;
D14/251, 253, 432, 434
CPC H02J 7/025; H02J 7/0042; H02J 7/0044;
H02J 7/0045; H02J 7/0054; H02J 7/0003;
B60L 11/182; Y02E 60/12; Y02T 10/7005;
Y02T 10/7088; Y02T 90/14; Y02T 90/163;
Y02T 90/122; Y02T 90/128; H01M 2/1022;
H01M 2/1055; H01M 10/46; H01M 10/44;
H01M 10/425; H01F 38/14; H01R 13/6675

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

677,785 A 7/1901 Mariner
1,008,523 A 11/1911 Boyle

(Continued)

FOREIGN PATENT DOCUMENTS

CN 201453403 5/2010
CN 201676306 12/2010

(Continued)

OTHER PUBLICATIONS

Bling Dental Products, "BlasterPRO Travel Charger & UV Sanitizer," located at www.blingdentalproducts.com/products/toothbrush-travel-charger-cases/blasterpro.html, accessed on Nov. 18, 2013.

(Continued)

Primary Examiner — Rosemary K Tarcza

(74) *Attorney, Agent, or Firm* — Ryan M. Flandro

(57) **CLAIM**

The ornamental design for a case with battery charger for electric toothbrush, as shown and described.

DESCRIPTION

FIG. 1 is a perspective front view of a case with battery charger for electric toothbrush according to a first embodiment of the new design, with a translucent cover shown in a closed configuration;

FIG. 2 is a perspective rear view of a case with battery charger for electric toothbrush according to the first embodiment of the new design, with the translucent cover shown in the closed configuration;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof;

FIG. 7 is a right side view thereof;

FIG. 8 is a left side view thereof;

FIG. 9 is a perspective front view of a case with battery charger for electric toothbrush according to the first embodiment of the new design, with the translucent cover shown in an open configuration;

FIG. 10 is a perspective rear view of a case with battery charger for electric toothbrush according to the first embodiment of the new design, with the translucent cover shown in the open configuration;

FIG. 11 is a front view thereof;

FIG. 12 is a rear view thereof;

FIG. 13 is a top view thereof;

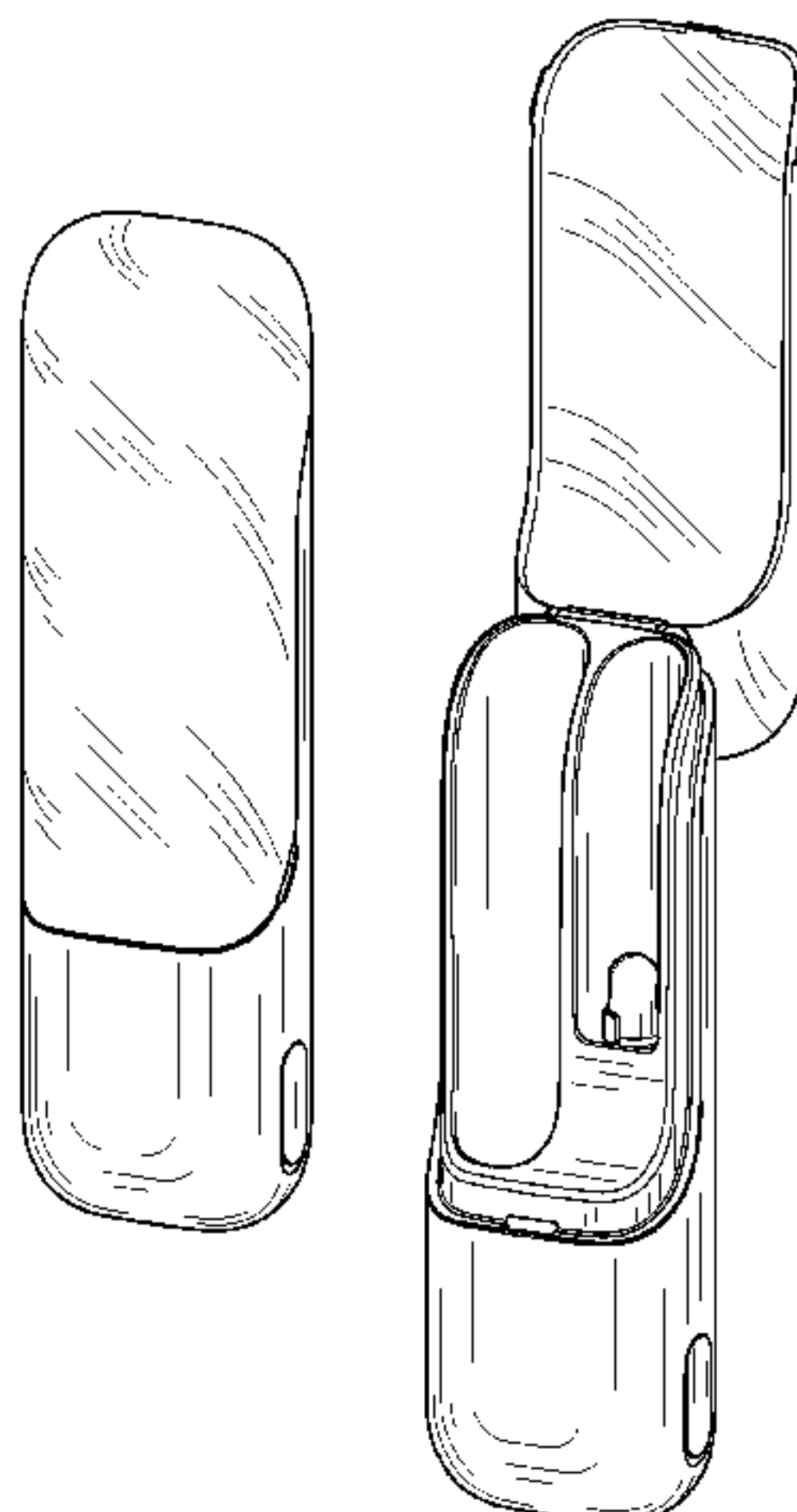
FIG. 14 is a bottom view thereof;

FIG. 15 is a right side view thereof; and,

FIG. 16 is a left side view thereof.

All broken lines shown in the drawings are for environmental purposes only and form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(56)

References Cited

FOREIGN PATENT DOCUMENTS

U.S. PATENT DOCUMENTS

D199,728 S * 12/1964 Hall D4/199
 3,194,621 A 7/1965 Frost
 3,287,076 A 11/1966 Spofford
 3,463,994 A 8/1969 Spohr
 D336,281 S * 6/1993 Nakamura et al. D13/107
 6,027,081 A 2/2000 Rosenger
 6,726,004 B2 4/2004 Watson
 6,753,537 B2 6/2004 Woo
 D493,136 S 7/2004 Since
 6,906,495 B2 6/2005 Cheng et al.
 6,910,717 B1 6/2005 Moyer
 D524,315 S * 7/2006 Reusing et al. D14/434
 D543,935 S * 6/2007 Ke D13/107
 D552,029 S * 10/2007 Kingston et al. D13/108
 D552,539 S * 10/2007 Choi et al. D13/108
 D553,077 S * 10/2007 Kim et al. D13/108
 7,320,397 B2 1/2008 Chao
 7,348,572 B2 3/2008 Shin
 D565,506 S * 4/2008 Sacco et al. D13/107
 7,378,067 B2 5/2008 Song et al.
 D602,430 S * 10/2009 Green et al. D13/110
 D622,406 S 8/2010 Russell, II et al.
 8,373,387 B2 2/2013 Bourilkov et al.
 8,408,483 B2 4/2013 Boyd et al.
 D683,731 S 6/2013 Chiu et al.
 8,522,973 B2 9/2013 Joseph
 D694,181 S * 11/2013 Byun D13/108
 2005/0189911 A1 * 9/2005 Cheng 320/111
 2006/0022636 A1 2/2006 Xian et al.
 2006/0027246 A1 2/2006 Wilkinson
 2007/0182367 A1 8/2007 Partovi
 2009/0127214 A1 5/2009 Kruger et al.
 2011/0315572 A1 12/2011 Vu et al.
 2012/0192367 A1 8/2012 Lin
 2013/0277271 A1 10/2013 Toulotte

CN 202069891 U 12/2011
 CN 202333855 7/2012
 CN 202446285 9/2012
 CN 102813558 12/2012
 CN 202651859 U 1/2013
 DE 2646457 A1 4/1977
 GB 1195209 A 6/1970
 JP H07263032 A 10/1995
 JP H0880220 A 3/1996
 TW M421808 2/2012
 WO WO 00/70999 A1 11/2000
 WO WO 00/74591 12/2000
 WO WO 03/096361 11/2003
 WO WO 03/096512 11/2003
 WO WO 2004/038888 5/2004
 WO WO 2005/037331 A1 4/2005
 WO WO 2008/147360 12/2008
 WO WO 2010/067328 6/2010

OTHER PUBLICATIONS

Group Buyer, "USB Rechargeable Electric Toothbrush," published on Jul. 20, 2013, located at www.groupbuyer.com.hk/en/deal/osbert_paris_company_20130710, accessed on Nov. 22, 2013.
 Jaewanworks, "In & Out," published in 2012, located at www.jaewanworks.com/in&out.html, accessed on Nov. 22, 2013.
 Omron, "Toothbrush Electric HT-B601 Sound Wave Portable White Japan New," released Feb. 15, 2013, located at www.ebay.com/itm/OMRON-Toothbrush-Electric-HT-B601-Sound-Wave-POR-TABLE-White-Japan-NEW-/321250251956?pt=LH_DefaultDomain_0&hash=item4acc01d4b4, accessed on Nov. 18, 2013.
 Philips, "sonicare DiamondClean," located at www.sonicare.com/professional/en_us/OurProducts/DiamondClean.aspx, accessed on Nov. 16, 2013.
 Pursonic, "S1 Portable UV Toothbrush Sanitizer," located at www.pursonicusa.com/S1-Portable-UV-Toothbrush-Sanitizer/p-5, accessed on Nov. 22, 2013.

* cited by examiner

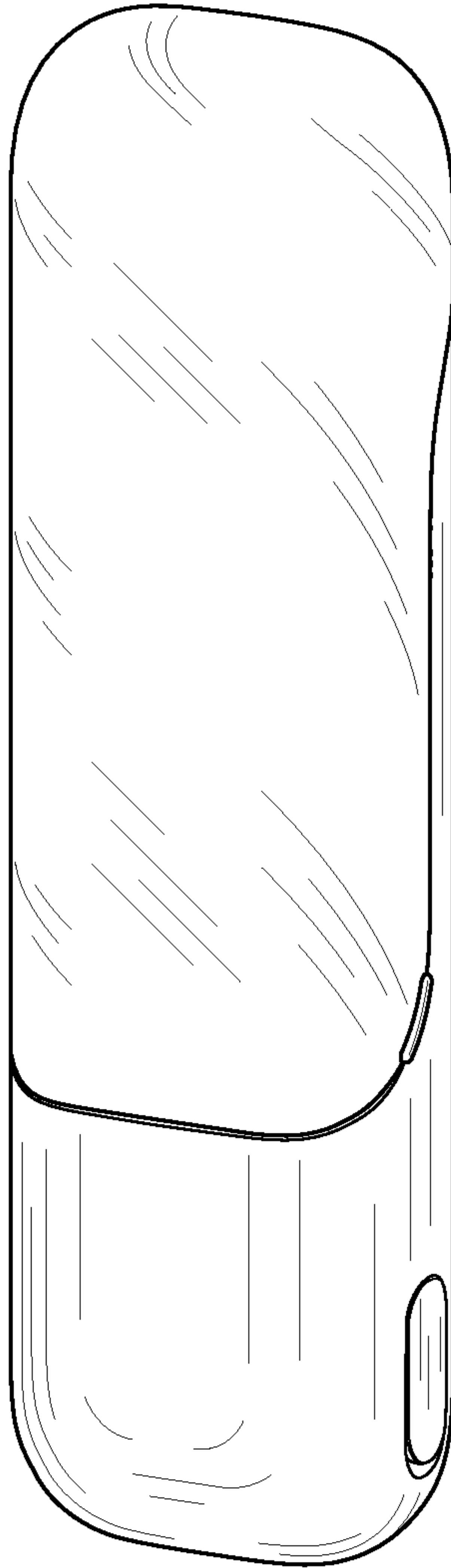


FIG. 1

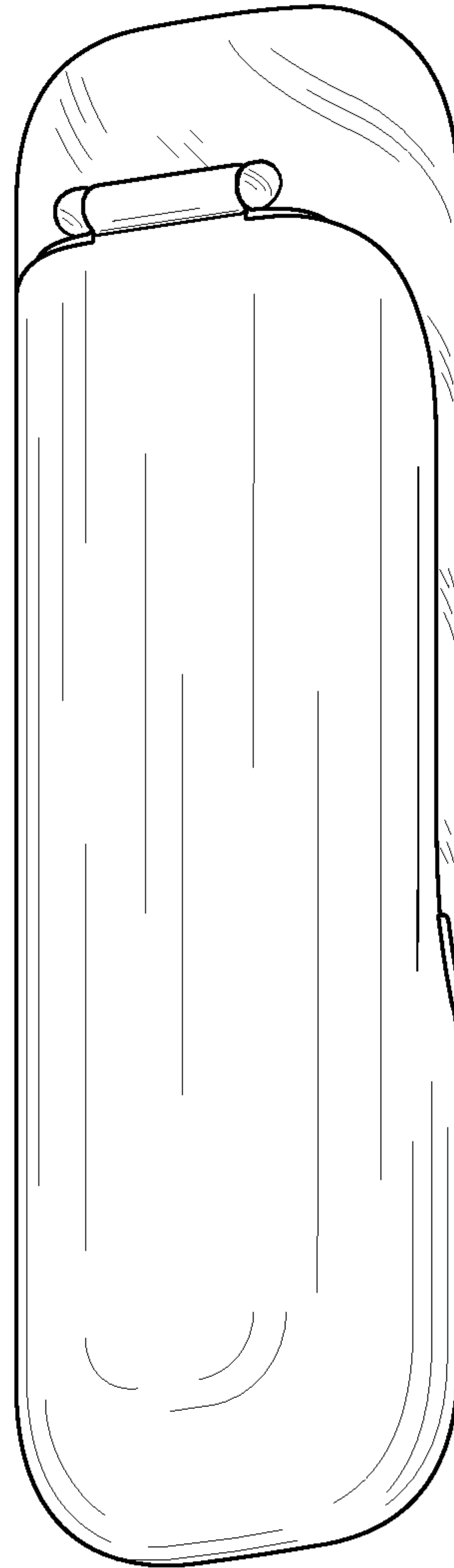


FIG. 2

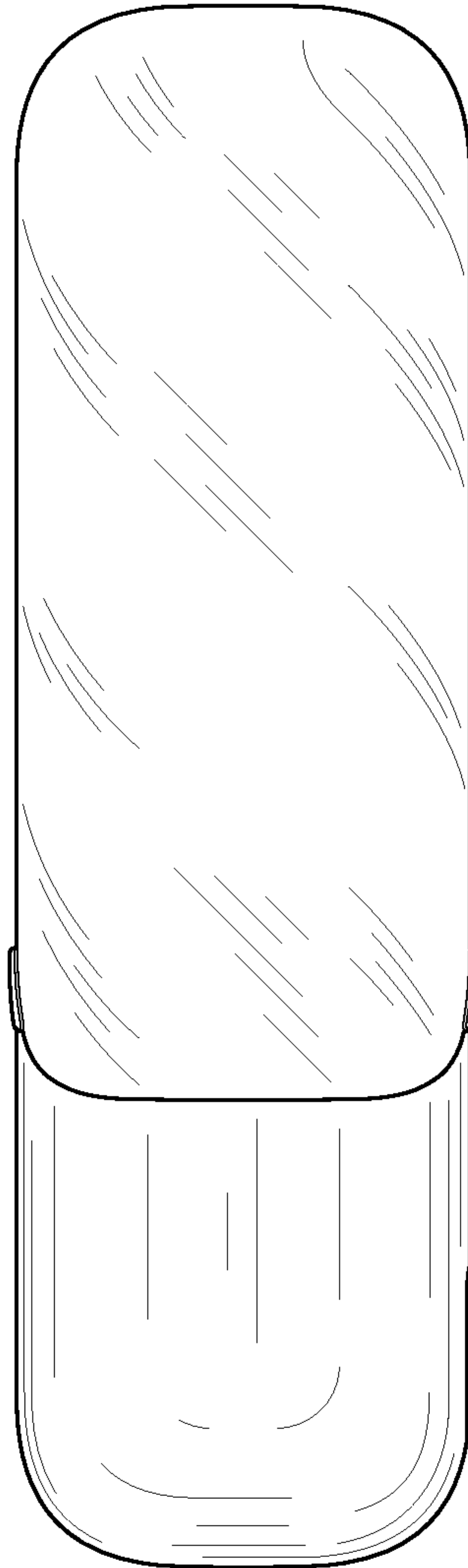


FIG. 3

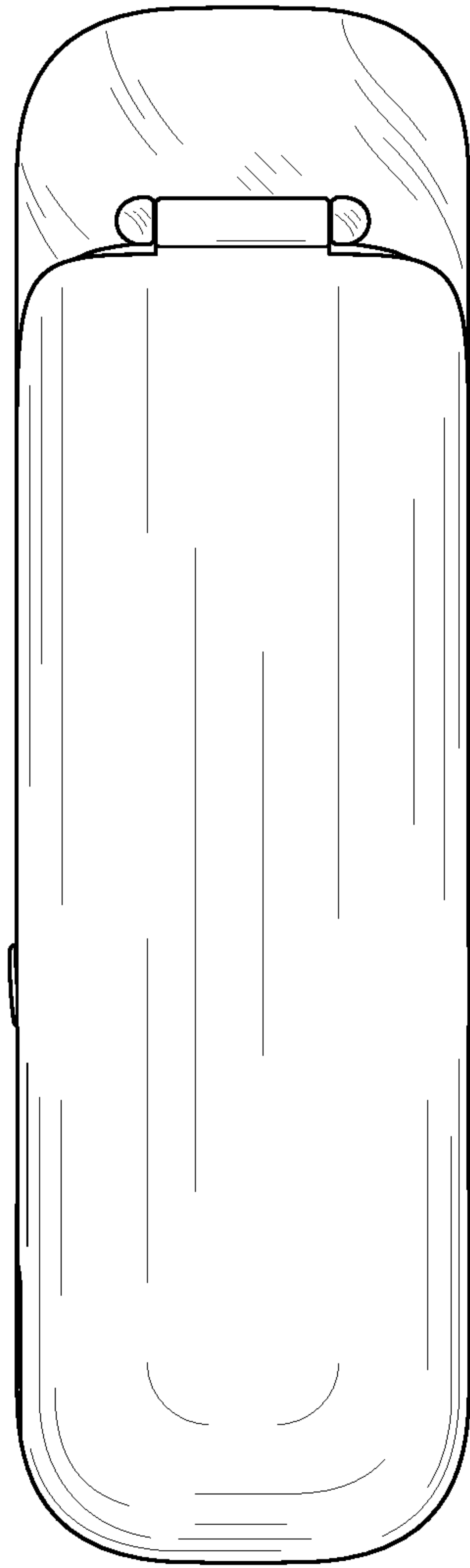


FIG. 4

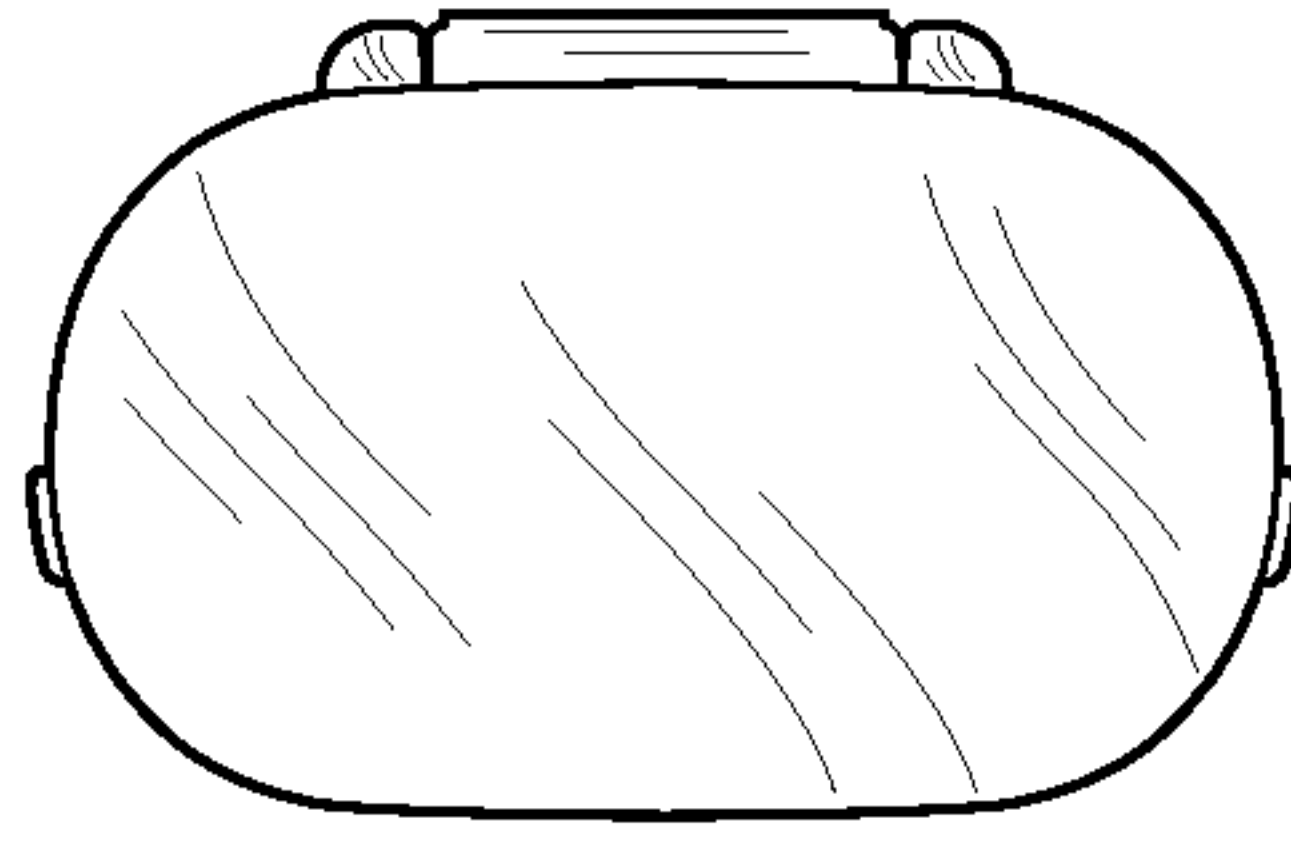


FIG. 5

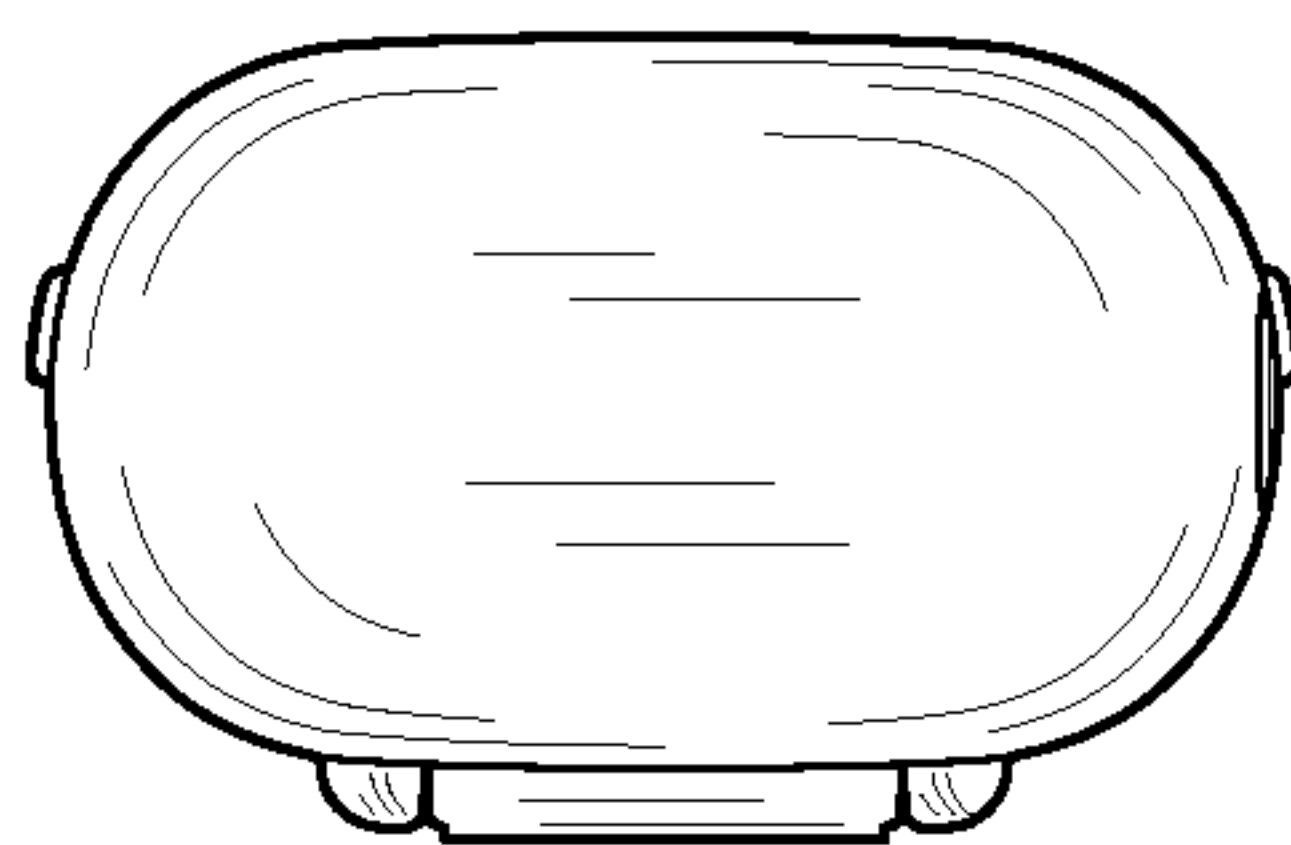


FIG. 6

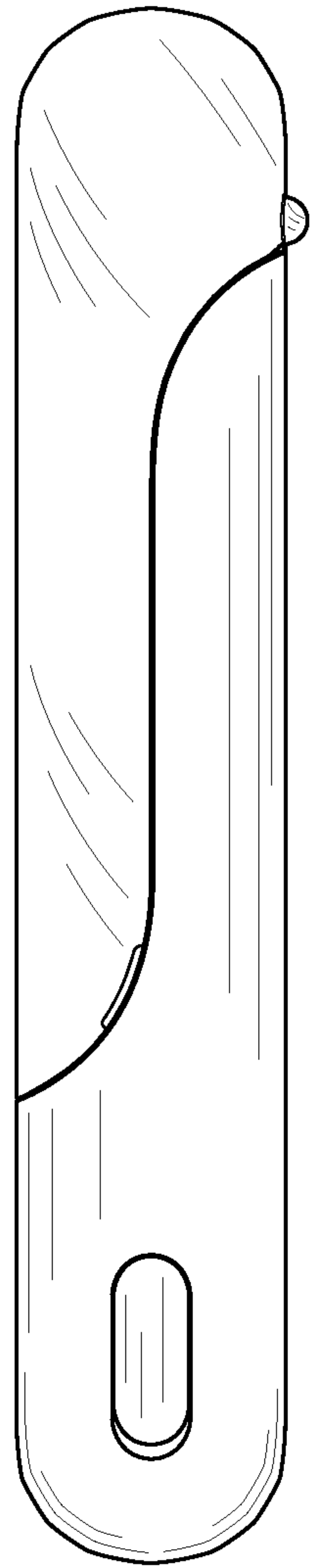


FIG. 7

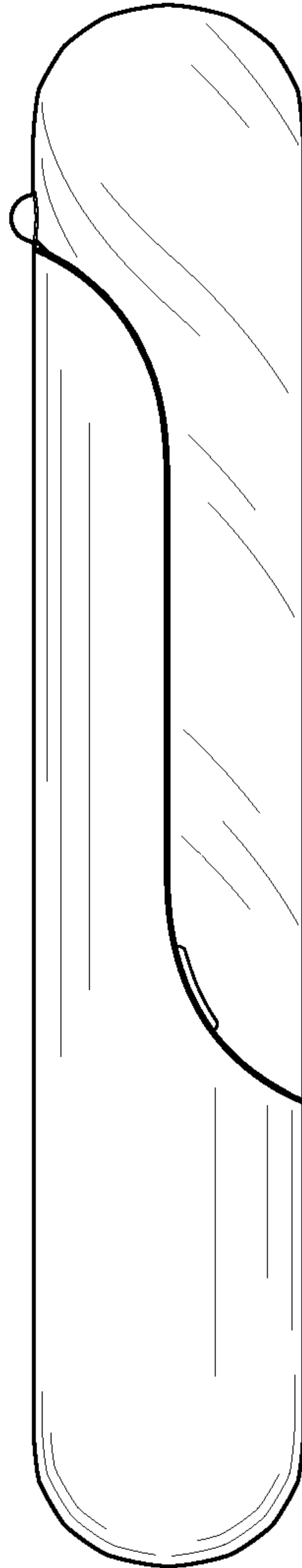


FIG. 8



FIG. 9

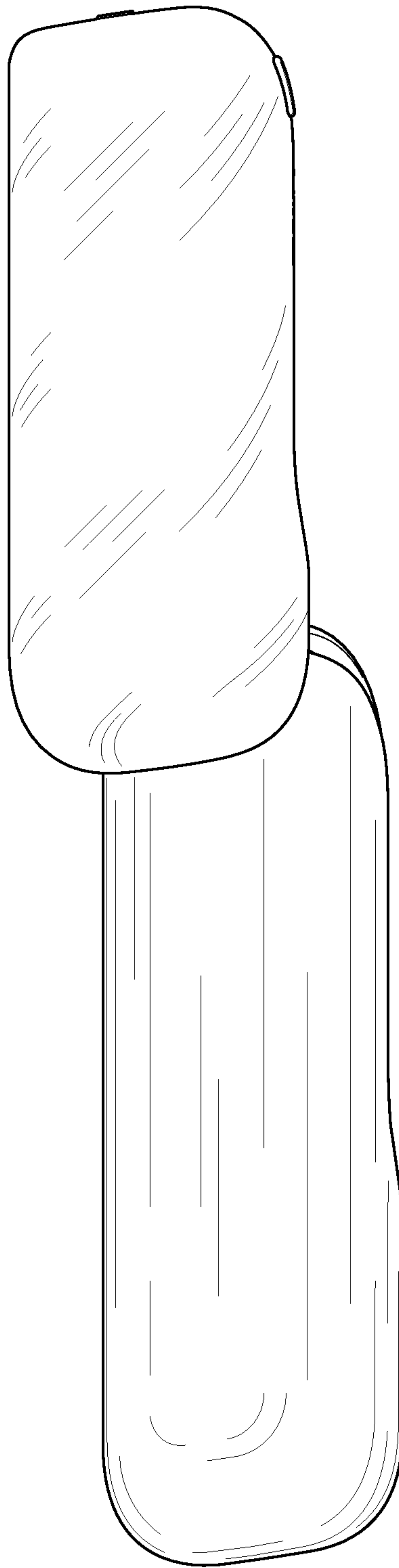


FIG. 10

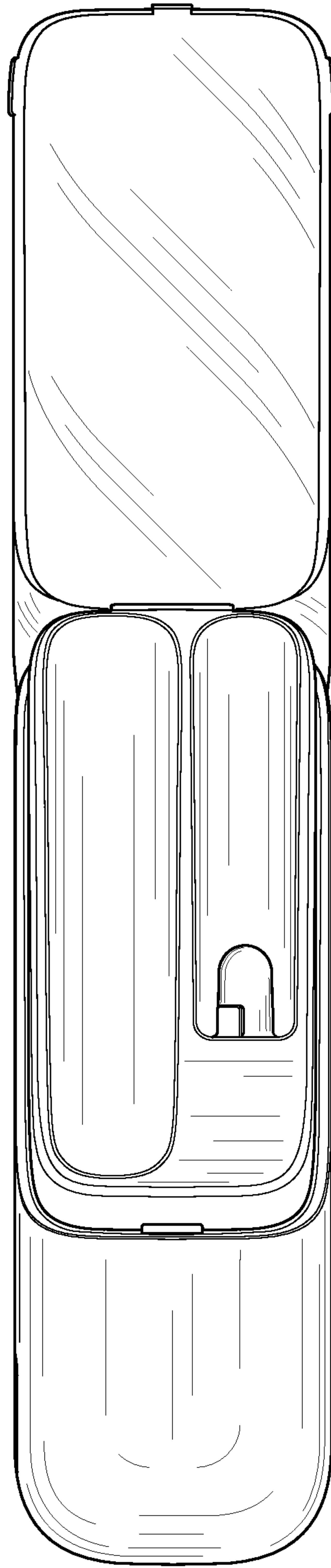


FIG. 11

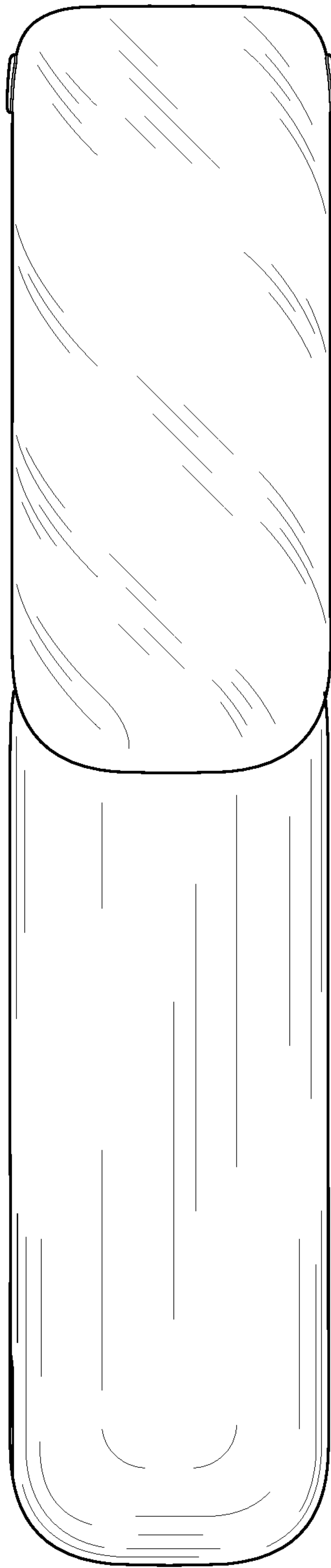


FIG. 12

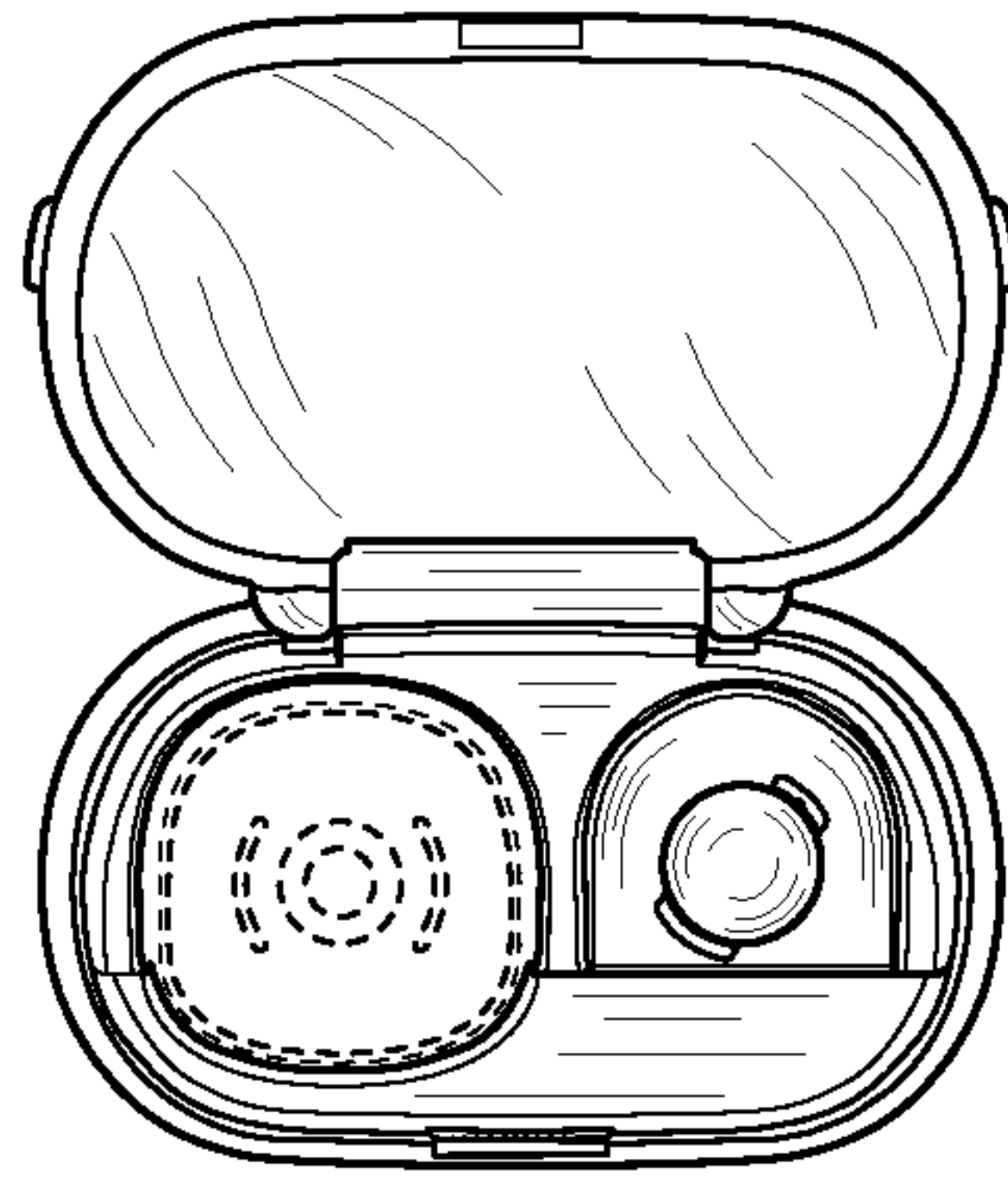


FIG. 13

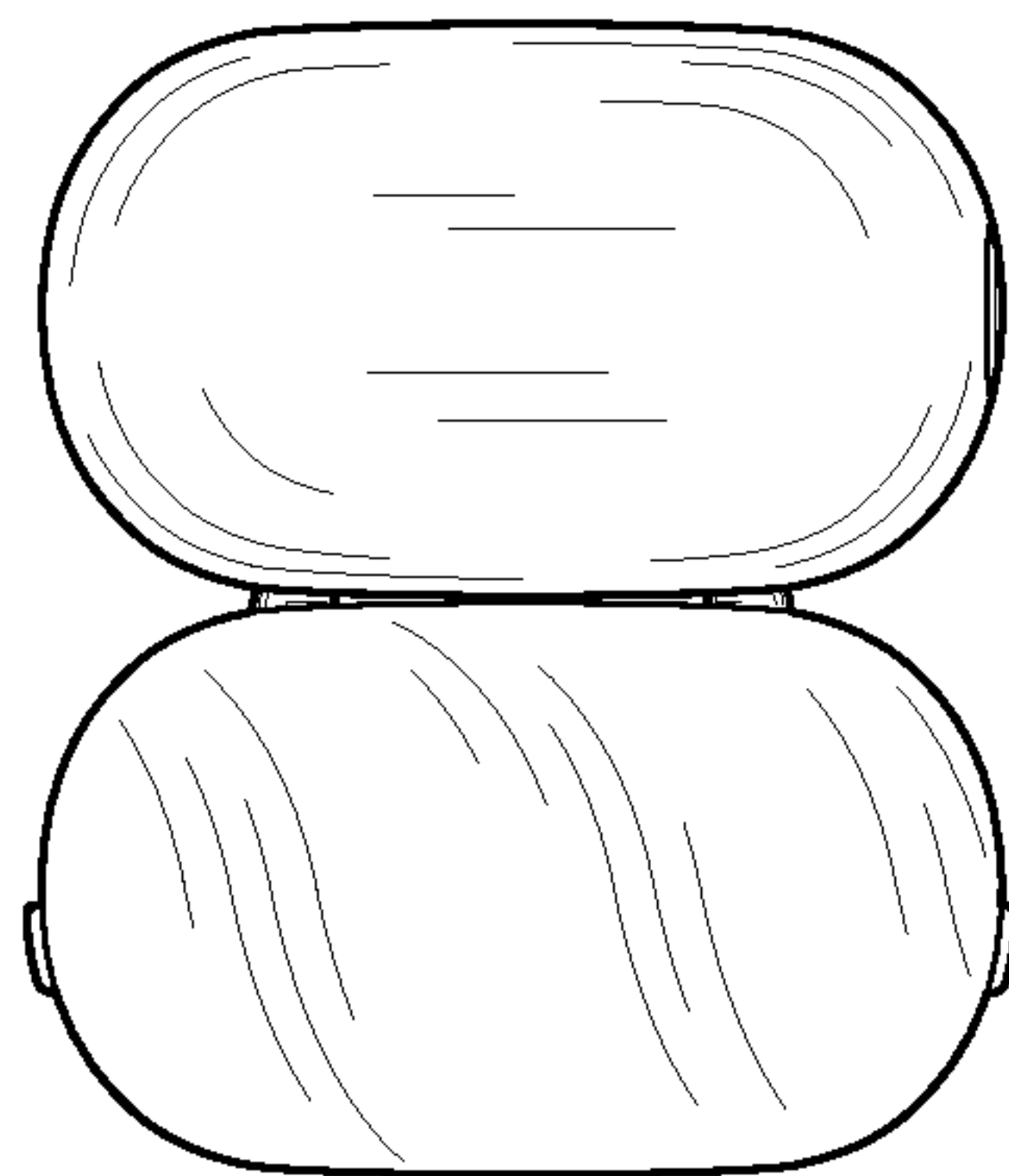


FIG. 14

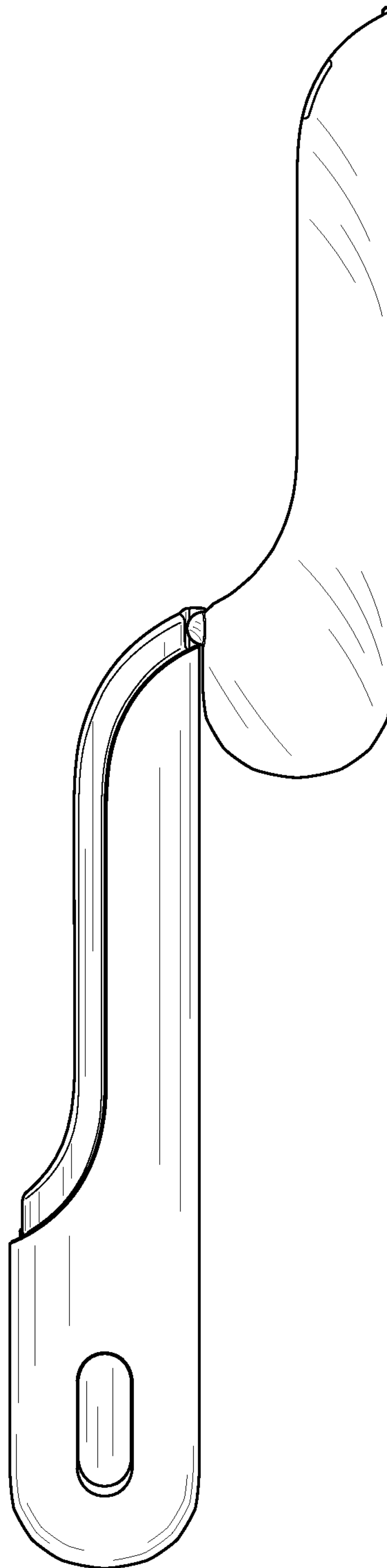


FIG. 15

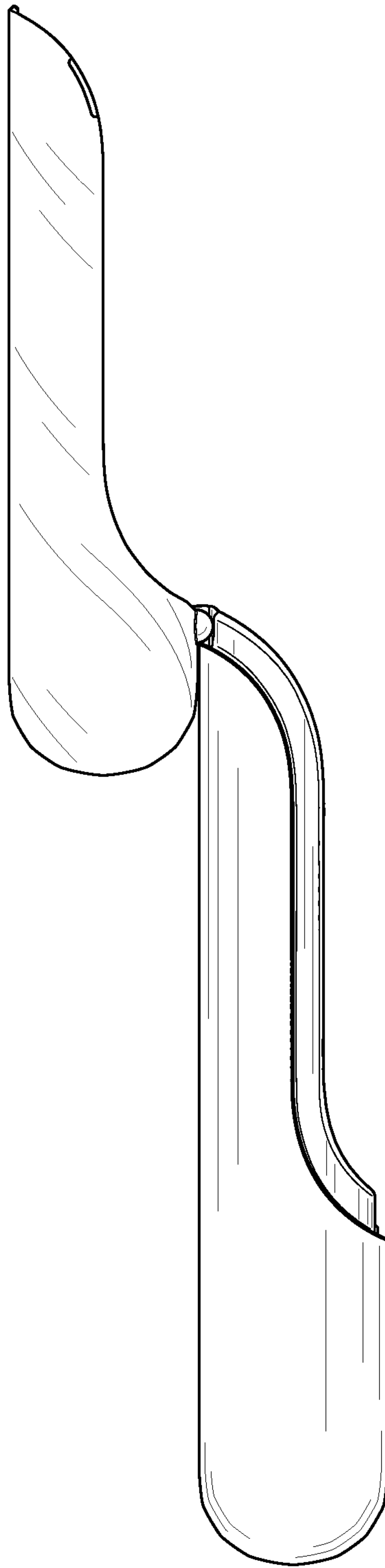


FIG. 16