



US00D748052S

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

(10) **Patent No.:** **US D748,052 S**
(45) **Date of Patent:** **** Jan. 26, 2016**

(54) **VEHICLE CHARGER**

(71) Applicant: **General Electric Company,**
Schenectady, NY (US)

(72) Inventors: **Yves Albert Behar,** San Francisco, CA
(US); **Joshua Tree Morenstein,** San
Francisco, CA (US); **Pichaya**
Puttorngul, San Francisco, CA (US);
Matthew David Swinton, San
Francisco, CA (US); **Jennifer Yoko**
Olson, San Francisco, CA (US);
Matthew John Malone, San Francisco,
CA (US)

(73) Assignee: **General Electric Company,**
Schenectady, NY (US)

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

(21) Appl. No.: **29/464,589**

(22) Filed: **Aug. 19, 2013**

Related U.S. Application Data

(63) Continuation of application No. 29/383,179, filed on
Jan. 13, 2011, now Pat. No. Des. 688,199.

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

(52) **U.S. Cl.**
USPC **D13/107**

(58) **Field of Classification Search**
USPC D13/107–110, 118–119, 184, 199;
D14/251, 253, 432, 434; 320/103–115
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D237,718 S 11/1975 Bozich et al.
4,161,682 A * 7/1979 Corvette 320/105

D270,831 S 10/1983 Jensen
D360,496 S 7/1995 Norman
5,461,299 A 10/1995 Bruni
D434,001 S 11/2000 Sayger
6,362,594 B2 3/2002 Kajiura
D464,934 S 10/2002 Chen
D511,746 S 11/2005 Lu
D597,937 S 8/2009 Haw et al.
D602,615 S 10/2009 Liu
D608,731 S 1/2010 Amit
D608,733 S 1/2010 Smith
D608,734 S * 1/2010 Smith D13/107
D613,683 S 4/2010 Baxter et al.

(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/383,179 Non-Final Office Action dated Feb. 22,
2013.

(Continued)

Primary Examiner — Rosemary K Tarcza

(74) *Attorney, Agent, or Firm* — GE Global Patent Operation

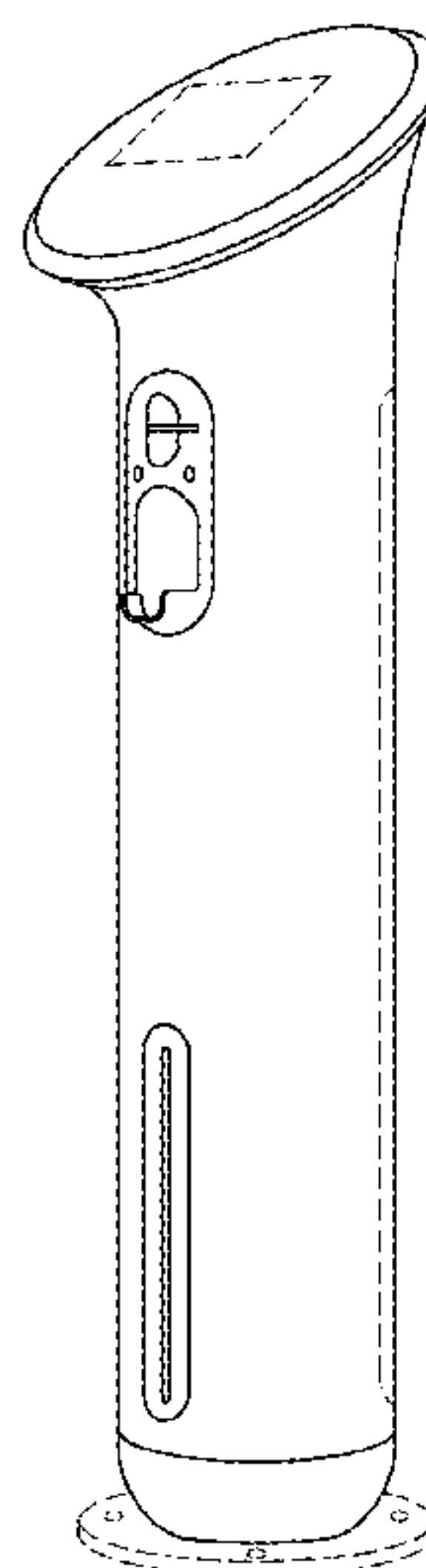
(57) **CLAIM**

We claim, the ornamental design for a vehicle charger, as
shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment the inven-
tion;
FIG. 2 is a front view of the embodiment of FIG. 1;
FIG. 3 is a rear view of the embodiment of FIG. 1;
FIG. 4 is a side view of the embodiment of FIG. 1, the
opposite side being a mirror image thereof;
FIG. 5 is a top view of the embodiment of FIG. 1; and,
FIG. 6 is a bottom view of the embodiment of FIG. 1.
The broken lines shown in FIG. 1-FIG. 6 are environmental
and not part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D618,168 S 6/2010 Baxter et al.
D628,960 S 12/2010 Shimizu et al.
D629,747 S 12/2010 Rajakaruna
D632,645 S * 2/2011 Blain D13/107
D634,267 S * 3/2011 Blain D13/107
D639,733 S 6/2011 Liu et al.
D641,316 S 7/2011 Schneiderat
D641,317 S * 7/2011 Schneiderat D13/107
D646,631 S 10/2011 Gotou et al.
D647,053 S 10/2011 Gotou et al.
D651,561 S 1/2012 Petrie et al.
D652,791 S 1/2012 Petrie et al.
D654,857 S 2/2012 Salazar et al.
D654,858 S 2/2012 Salazar et al.
D654,859 S 2/2012 Callender
D654,861 S 2/2012 Holthusen
D654,862 S 2/2012 Holthusen
D662,045 S 6/2012 Gotou et al.
D664,089 S 7/2012 Kim et al.
D664,500 S 7/2012 Degn
D664,918 S 8/2012 Brandys et al.
D664,919 S 8/2012 Brandys et al.
D665,344 S 8/2012 Petrie et al.
D676,376 S 2/2013 Yamada et al.
D683,306 S 5/2013 Lecoanet et al.

D683,307 S 5/2013 Lecoanet et al.
D683,308 S 5/2013 Lecoanet et al.
D688,199 S 8/2013 Behar et al.
D698,309 S 1/2014 Moribe et al.
D710,799 S 8/2014 Kim et al.
2010/0013433 A1 1/2010 Baxter et al.
2010/0320966 A1 12/2010 Baxter et al.
2011/0140656 A1 6/2011 Starr et al.
2011/0145141 A1 6/2011 Blain
2011/0174875 A1 7/2011 Wurzer
2012/0212180 A1 8/2012 Iida et al.
2012/0262114 A1 10/2012 Bianco
2013/0026987 A1 1/2013 Gutierrez et al.
2013/0175989 A1 7/2013 Bonwit et al.
2013/0181670 A1 7/2013 Bonwit et al.
2013/0234663 A1 9/2013 Kushalappa et al.
2014/0111158 A1 4/2014 Kinomura et al.
2014/0117144 A1 5/2014 Kinomura et al.
2014/0266017 A1 9/2014 Hamada et al.

OTHER PUBLICATIONS

Notice of Allowance, U.S. Appl. No. 29/510,805, dated Mar. 4, 2015.
Notice of Allowance, U.S. Appl. No. 29/510,812, issued Mar. 6, 2015.
Notice of Allowance, U.S. Appl. No. 29/510,817, issued Apr. 2, 2015.

* cited by examiner

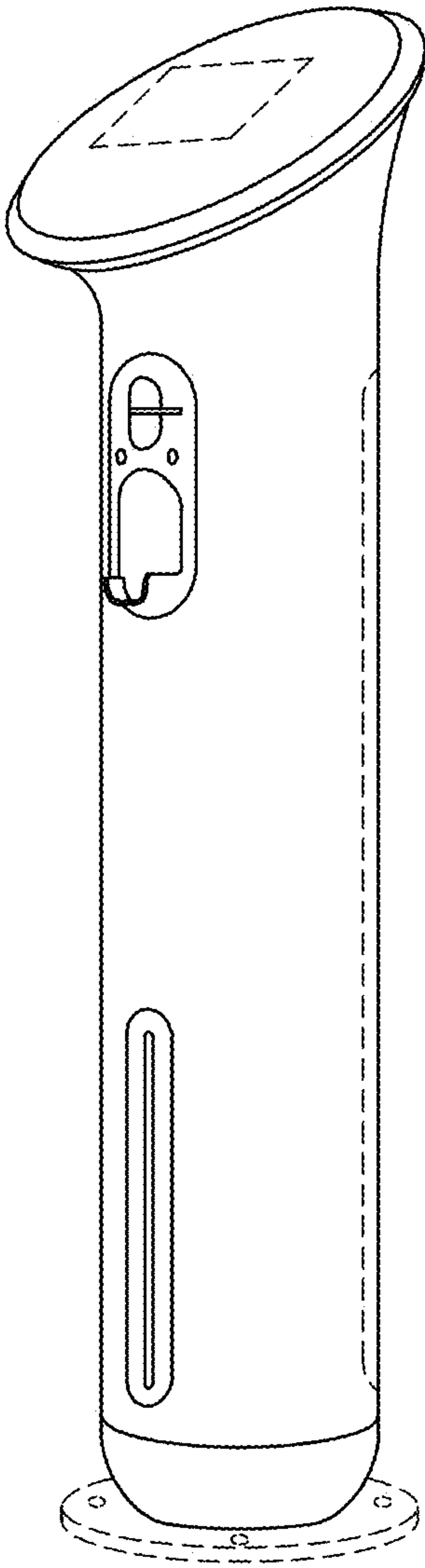


FIG. 1

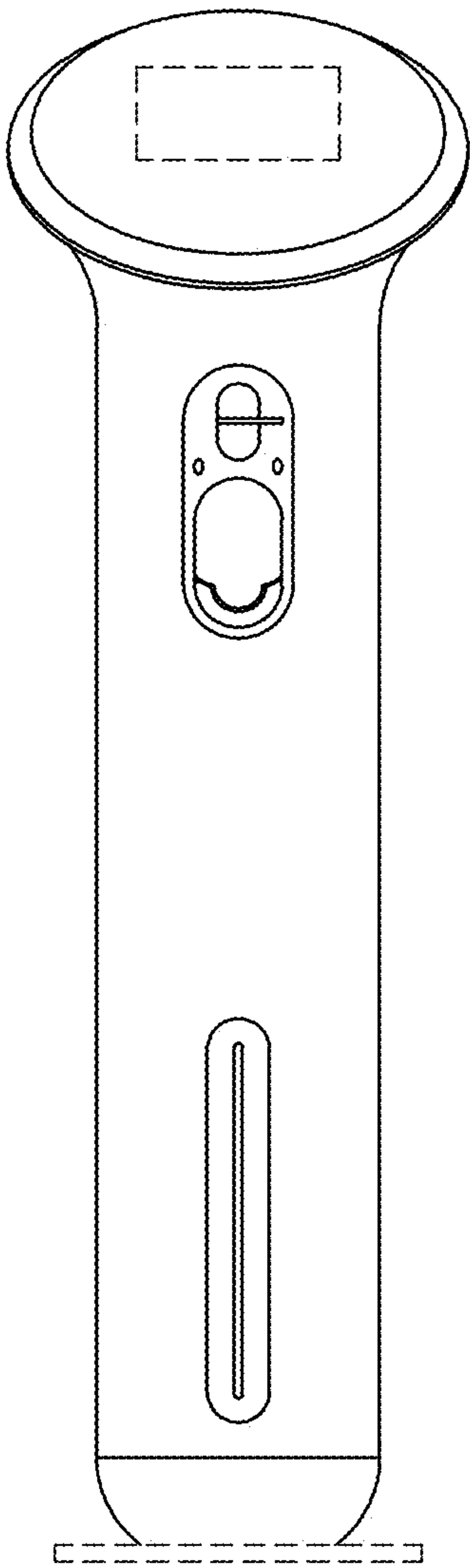


FIG. 2

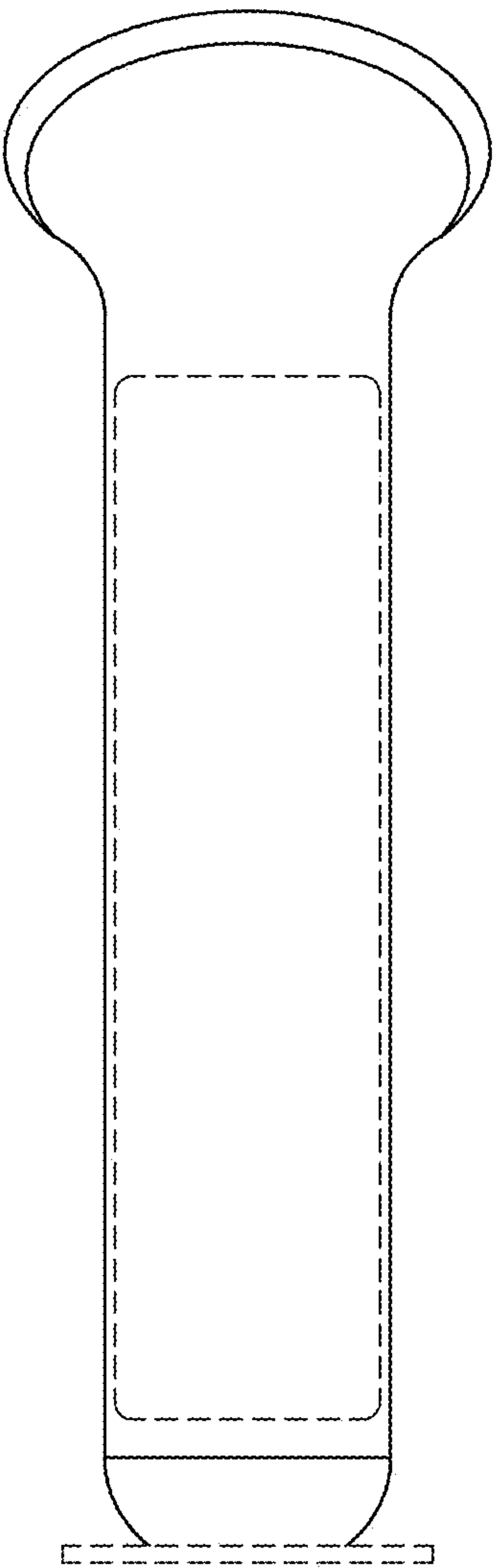


FIG. 3

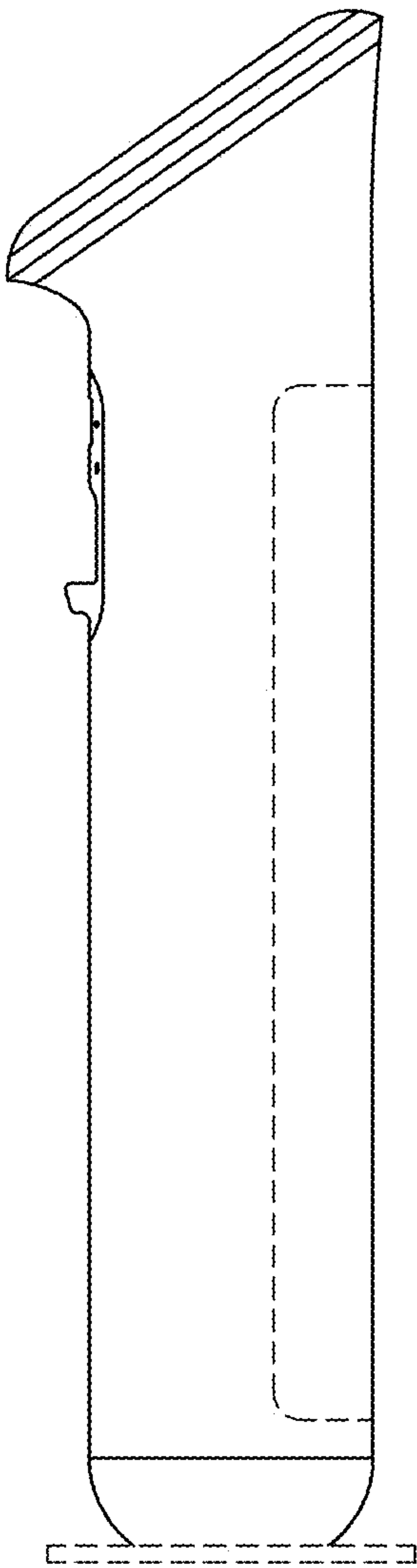


FIG. 4

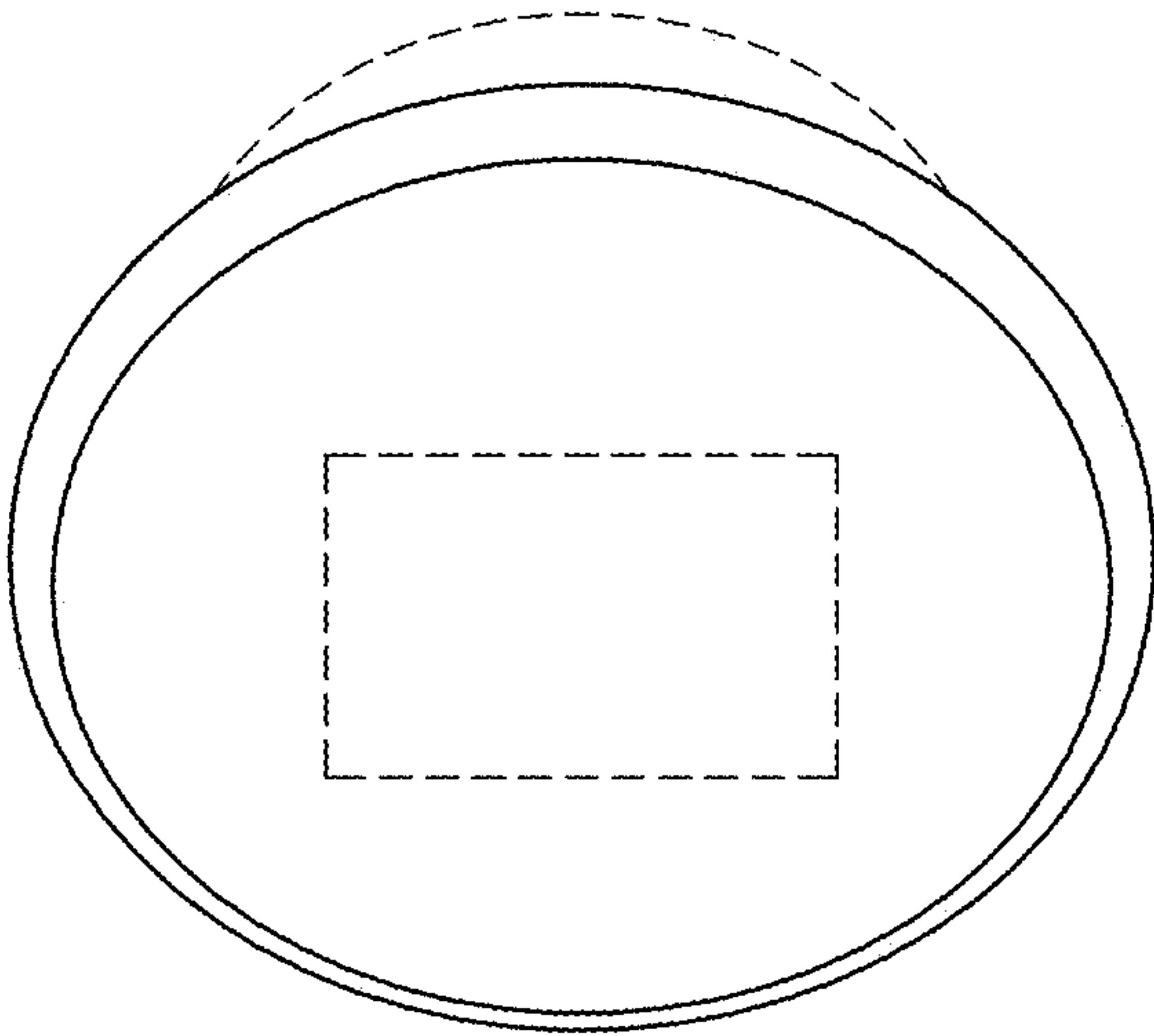


FIG. 5

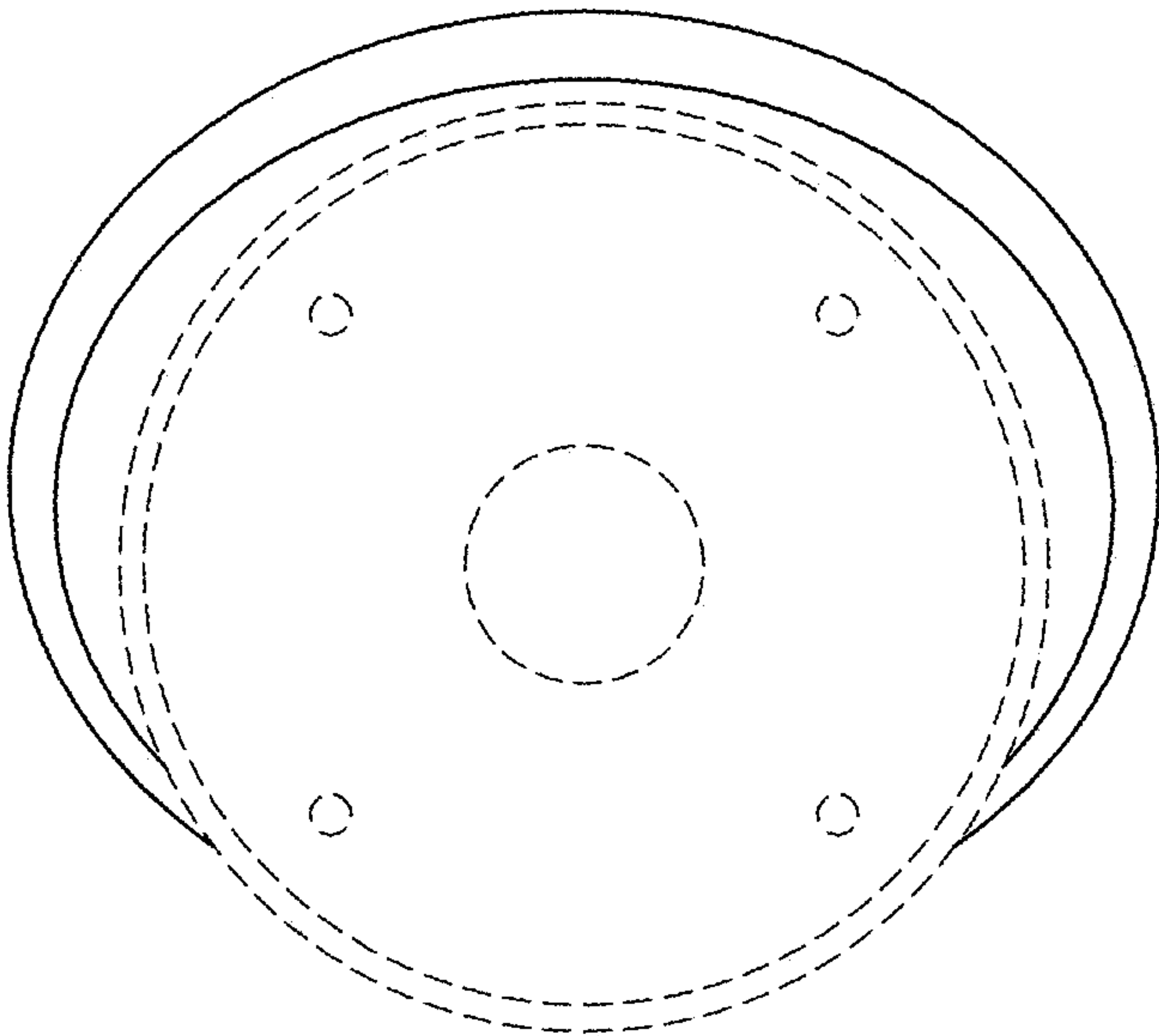


FIG. 6