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

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(54) **FEMALE PORTION OF A CONNECTOR**
(75) Inventors: **Benjamin S. Duck**, Johnsburg, IL (US);
John Henry Kutsch, Harvard, IL (US)
(73) Assignee: **Medline Industries, Inc.**, Mundelein, IL
(US)

6,344,025 B1 2/2002 Inagaki et al.
6,578,428 B1 6/2003 Dromms et al.
D484,593 S * 12/2003 Baillargeon et al. D24/129
D485,616 S * 1/2004 Baillargeon et al. D24/129
D488,866 S * 4/2004 O'Dell D24/129

(Continued)

(**) Term: **14 Years**
(21) Appl. No.: **29/417,606**

FOREIGN PATENT DOCUMENTS

EP 1355099 10/2003
EP 1380791 A1 * 1/2004 F16L 37/098

(Continued)

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(51) **LOC (10) Cl.** **24-01**
(52) **U.S. Cl.**
USPC **D24/129**

OTHER PUBLICATIONS

“Final Office Action Response”, U.S. Appl. No. 11/513,608;
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(Continued)

(58) **Field of Classification Search**
USPC D24/107, 108, 112, 118, 127, 128, 129,
D24/117; 604/19, 533, 538, 539, 246;
D23/262
CPC F16L 37/00; F16L 37/02; F16L 37/08;
F16L 37/144; F16L 37/56; F16L 37/084;
A61B 5/02; A61B 5/022; A61B 5/0215;
A61B 5/02158; A61B 5/029; A61B 17/8816;
A61M 39/12; A61M 39/10; A61M 39/1011;
A61M 2039/1088; A61M 2039/1027
See application file for complete search history.

Primary Examiner — Sheryl Lane
Assistant Examiner — Ieisha Price
(74) *Attorney, Agent, or Firm* — Philip H. Burrus, IV

(57) **CLAIM**
The ornamental design for a female portion of a connector, as
shown and described.

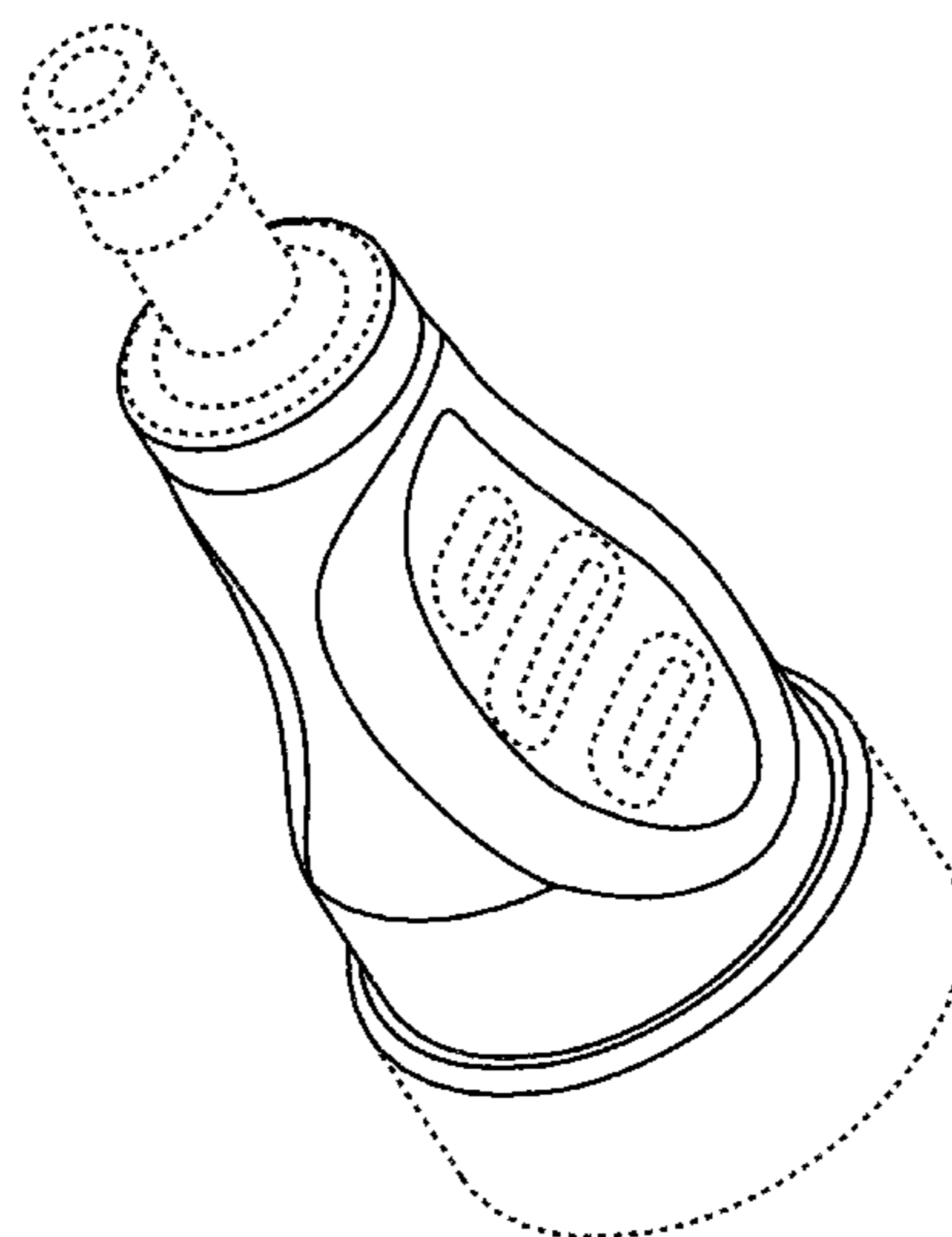
DESCRIPTION

(56) **References Cited**
U.S. PATENT DOCUMENTS

FIG. 1 is a perspective view of a female portion of a connector
showing our new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a back elevation view thereof;
FIG. 4 is a left side elevation view thereof;
FIG. 5 is a right side elevation view thereof;
FIG. 6 is a bottom plan view thereof; and,
FIG. 7 is a top plan view thereof.
The broken lines in the drawings illustrate portions of the
female portion of a connector and form no part of the claimed
design.

3,640,552 A 2/1972 Demler et al.
3,834,388 A 9/1974 Sauer
4,557,261 A 12/1985 Rügheimer
4,580,816 A 4/1986 Campbell et al.
4,683,894 A * 8/1987 Kodama et al. 600/488
4,779,625 A * 10/1988 Cole 600/486
5,184,742 A * 2/1993 DeCaprio et al. 215/356
5,273,254 A * 12/1993 McNaughton et al. 251/149.6
5,413,582 A 5/1995 Eaton
5,511,552 A 4/1996 Johnson
5,803,770 A * 9/1998 Swendson et al. 439/676
6,095,983 A 8/2000 Wawro

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,796,186 B2 9/2004 Lia et al.
 7,121,592 B2 * 10/2006 Sazbo et al. 285/305
 D557,414 S * 12/2007 Wentling D24/130
 7,670,296 B2 3/2010 Molnar et al.
 7,722,542 B2 5/2010 Lia et al.
 7,780,603 B2 8/2010 Lia
 7,811,278 B2 * 10/2010 Knipple et al. 604/535
 D629,891 S * 12/2010 Virr et al. D24/129
 D629,892 S * 12/2010 Hill et al. D24/129
 D629,894 S 12/2010 Lombardi et al.
 D642,244 S * 7/2011 Wilhelm D23/262
 7,976,071 B2 * 7/2011 Bibby 285/308
 D649,240 S * 11/2011 Lewis et al. D24/129
 D652,511 S * 1/2012 Lombardi et al. D24/129
 D652,917 S * 1/2012 Hill et al. D24/129
 D654,166 S * 2/2012 Lair D24/129
 D698,440 S * 1/2014 Lombardi et al. D24/129
 8,696,037 B2 * 4/2014 Nakamura 285/315
 8,764,668 B2 * 7/2014 Roteliuk et al. 600/486
 9,061,130 B2 * 6/2015 Truitt et al.
 9,089,682 B2 * 7/2015 Yeh et al.
 D737,952 S * 9/2015 Matsumura D24/108
 D741,477 S * 10/2015 Rogers D24/129
 2001/0005777 A1 6/2001 Nakagawa et al.
 2004/0181156 A1 9/2004 Kingsford et al.
 2006/0293600 A1 12/2006 Wawro et al.
 2007/0088327 A1 * 4/2007 Guala 604/533
 2008/0139950 A1 6/2008 Molnar et al.
 2008/0214993 A1 9/2008 Haarala et al.
 2010/0056933 A1 3/2010 Grabl et al.

2011/0012340 A1 1/2011 Packham et al.
 2012/0016345 A1 1/2012 Carter
 2013/0264821 A1 * 10/2013 Duck et al. 285/397
 2013/0320672 A1 * 12/2013 Steele 285/305
 2013/0338608 A1 * 12/2013 Moorehead et al. 604/246
 2014/0250664 A1 * 9/2014 Burgess et al. 29/428
 2015/0105737 A1 * 4/2015 Lopez et al.

FOREIGN PATENT DOCUMENTS

EP 1584348 10/2005
 EP 1584348 B1 10/2005
 EP 1770321 A1 * 4/2007 F16L 37/088
 EP 2158935 A1 3/2010
 WO WO-2008/073428 6/2008

OTHER PUBLICATIONS

Dunwoody, Aaron "NonFinal OA", U.S. Appl. No. 13/440,296, filed Apr. 5, 2012; Mailed Jun. 13, 2013.
 Dunwoody, Aaron "Final Office Action", U.S. Appl. No. 13/440,296, filed Apr. 5, 2012; Mailed Oct. 23, 2013.
 Dunwoody, Aaron "NonFinal OA", U.S. Appl. No. 13/440,296, filed Apr. 5, 2012; Mailed May 27, 2014.
 Dunwoody, Aaron "NonFinal OA", U.S. Appl. No. 13/440,296, filed Apr. 5, 2012; Mailed Nov. 24, 2014.
 Drager, "Publication", *Drager Blood Pressure Cuffs for Adult Patients*; pp. 1-4; published Oct. 2008.
 Mercury Medical, "Publication", *Mercury Medical POPPA BDR; Blood Pressure Connector, Cuffs, and Accessories*; Published 2010.

* cited by examiner

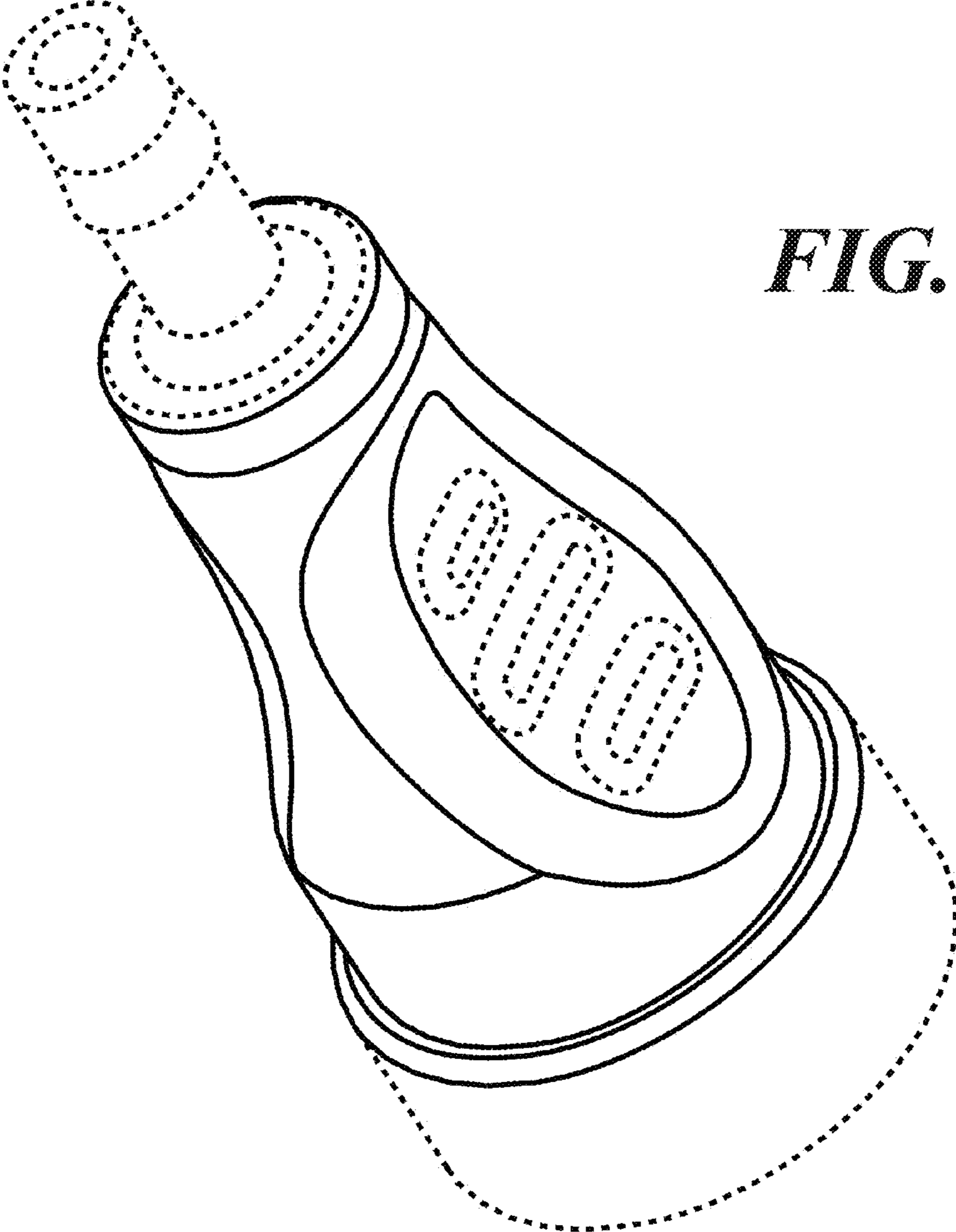


FIG. 1

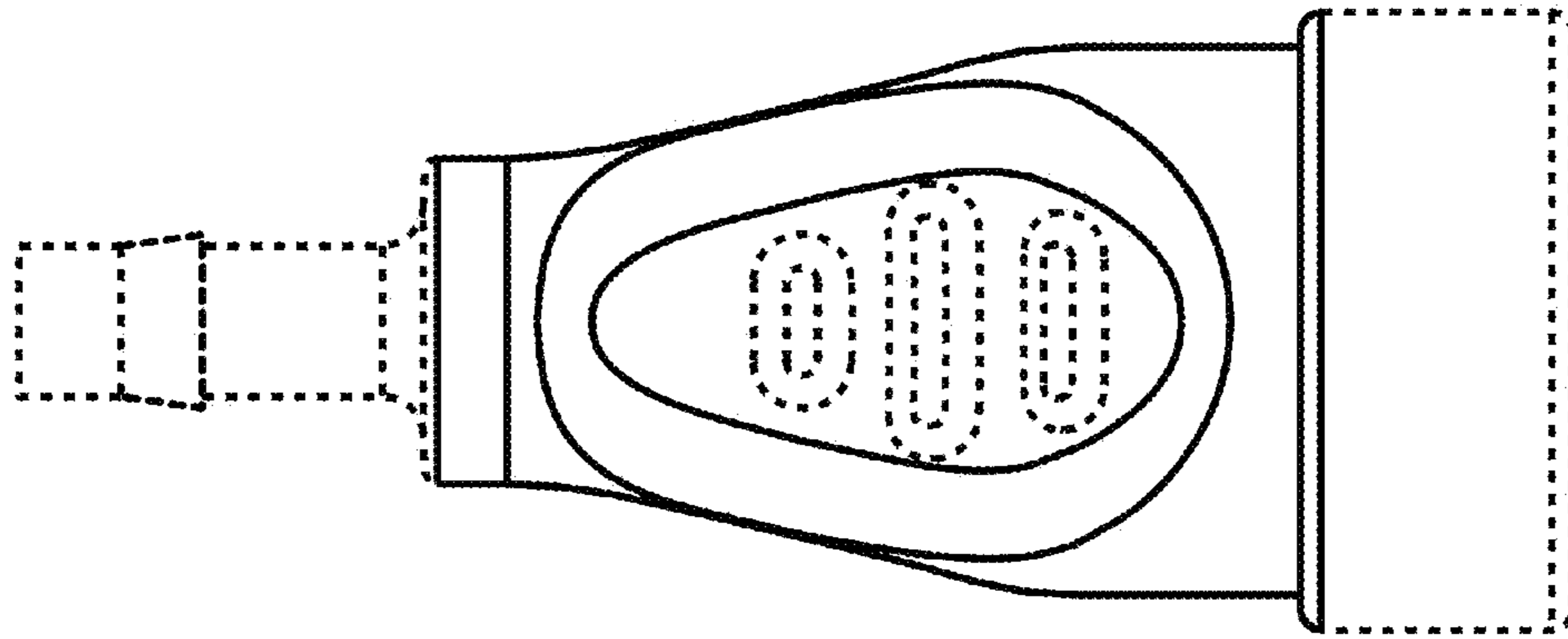


FIG. 2

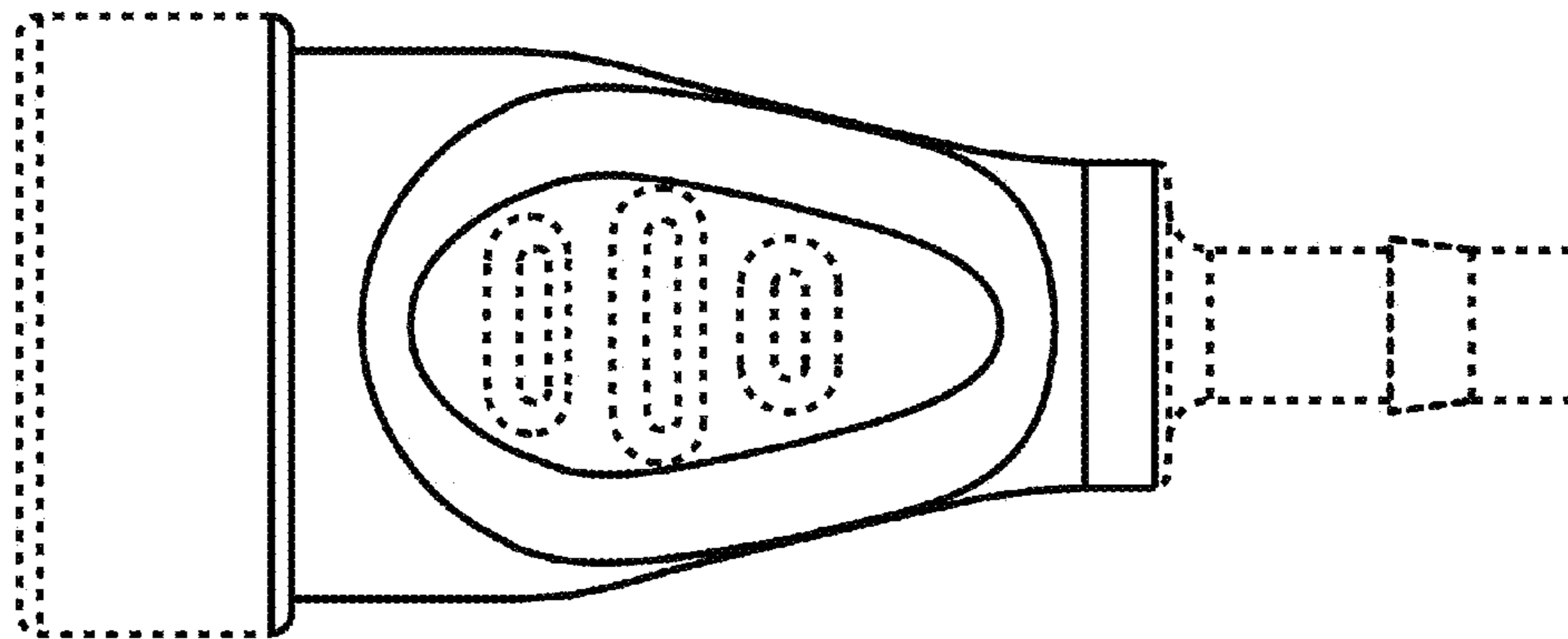


FIG. 3

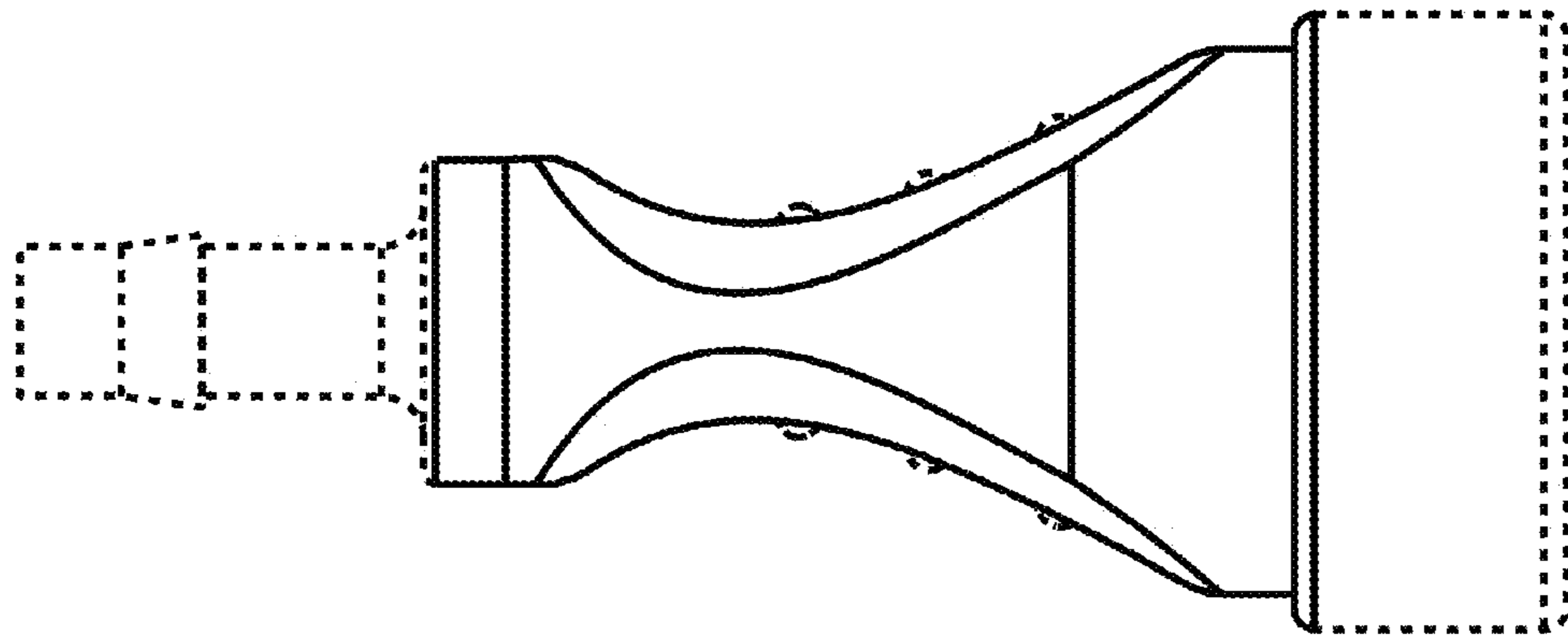


FIG. 4

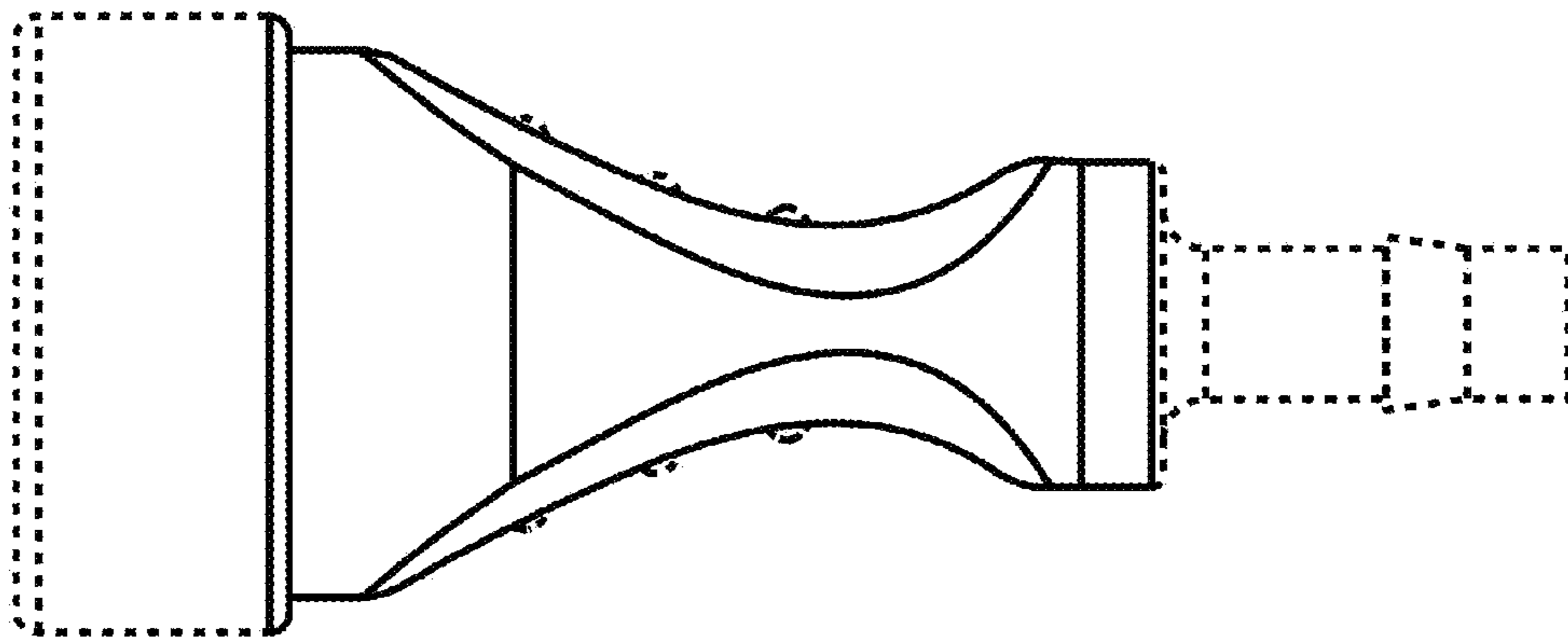


FIG. 5

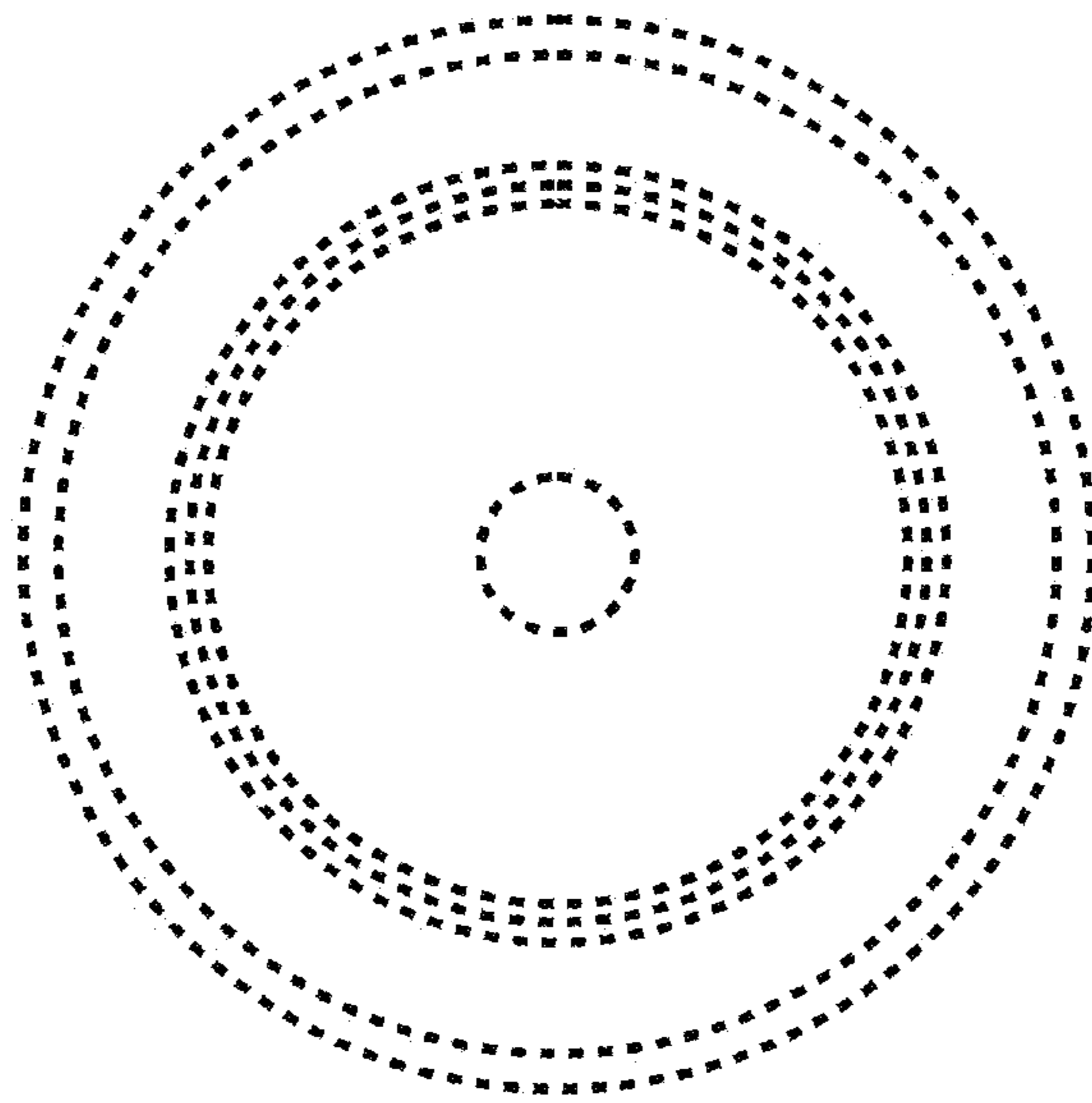


FIG. 6

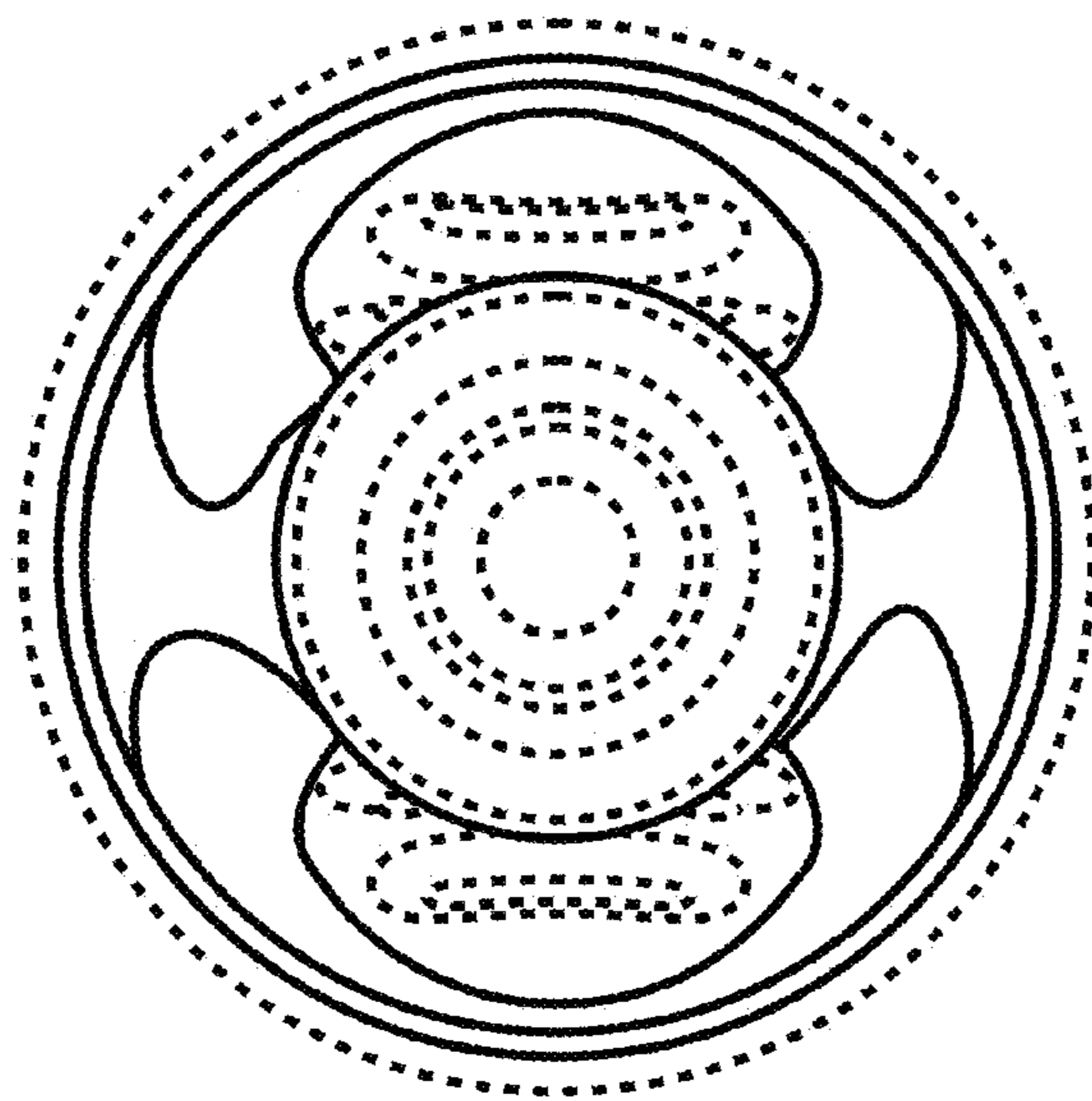


FIG. 7