



US00D759296S

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

(10) **Patent No.:** **US D759,296 S**
(45) **Date of Patent:** **** Jun. 14, 2016**

- (54) **HAND-HELD AEROSOL GENERATOR**
- (71) Applicant: **Philip Morris Products S.A.**, Neuchatel (CH)
- (72) Inventors: **Aaron Abroff**, Acton, MA (US); **Gregor Mittersinker**, Warwick, RI (US); **Laurent Manca**, Grandvaux (CH)
- (73) Assignee: **PHILIP MORRIS PRODUCTS S.A.**, Neuchatel (CH)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/479,202**
- (22) Filed: **Jan. 13, 2014**

Related U.S. Application Data

- (62) Division of application No. 29/425,439, filed on Jun. 22, 2012, now Pat. No. Des. 699,391.

Foreign Application Priority Data

- (30) Dec. 23, 2011 (EM) 001307649-0001
- Dec. 23, 2011 (EM) 001307649-0002
- Dec. 23, 2011 (EM) 001307649-0003
- Dec. 23, 2011 (EM) 001307649-0004
- Dec. 23, 2011 (EM) 001307649-0005
- Dec. 23, 2011 (EM) 001307649-0006

- (51) **LOC (10) Cl.** **27-01**

- (52) **U.S. Cl.**
USPC **D27/101; D27/163**

- (58) **Field of Classification Search**
USPC D27/101, 162-172; D24/110.5, 110
CPC A24F 47/00; A24F 47/002; A24F 47/004;
A24F 47/006; A24F 47/008; A61M 15/06
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

111,089 A	1/1871	Scholfield
D28,836 S	6/1898	Heitmann
D34,334 S	4/1901	Requard

(Continued)

FOREIGN PATENT DOCUMENTS

CN	300921772	5/2009
CN	300929777	5/2009

(Continued)

OTHER PUBLICATIONS

Republic of Vietnam Office Action dated Mar. 12, 2014, in application No. 3-2012-00828, with English translation, 4 pp.

(Continued)

Primary Examiner — Susan Bennett Hattan

Assistant Examiner — Janice Hallmark

(74) *Attorney, Agent, or Firm* — Oblon, McClelland, Maier & Neustadt, L.L.P.

(57) **CLAIM**

The ornamental design for a hand-held aerosol generator, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an embodiment of a hand-held aerosol generator showing our new design as viewed from the left side of the page;

FIG. 2 is a side elevational view of one side thereof;

FIG. 3 is a top plan view thereof;

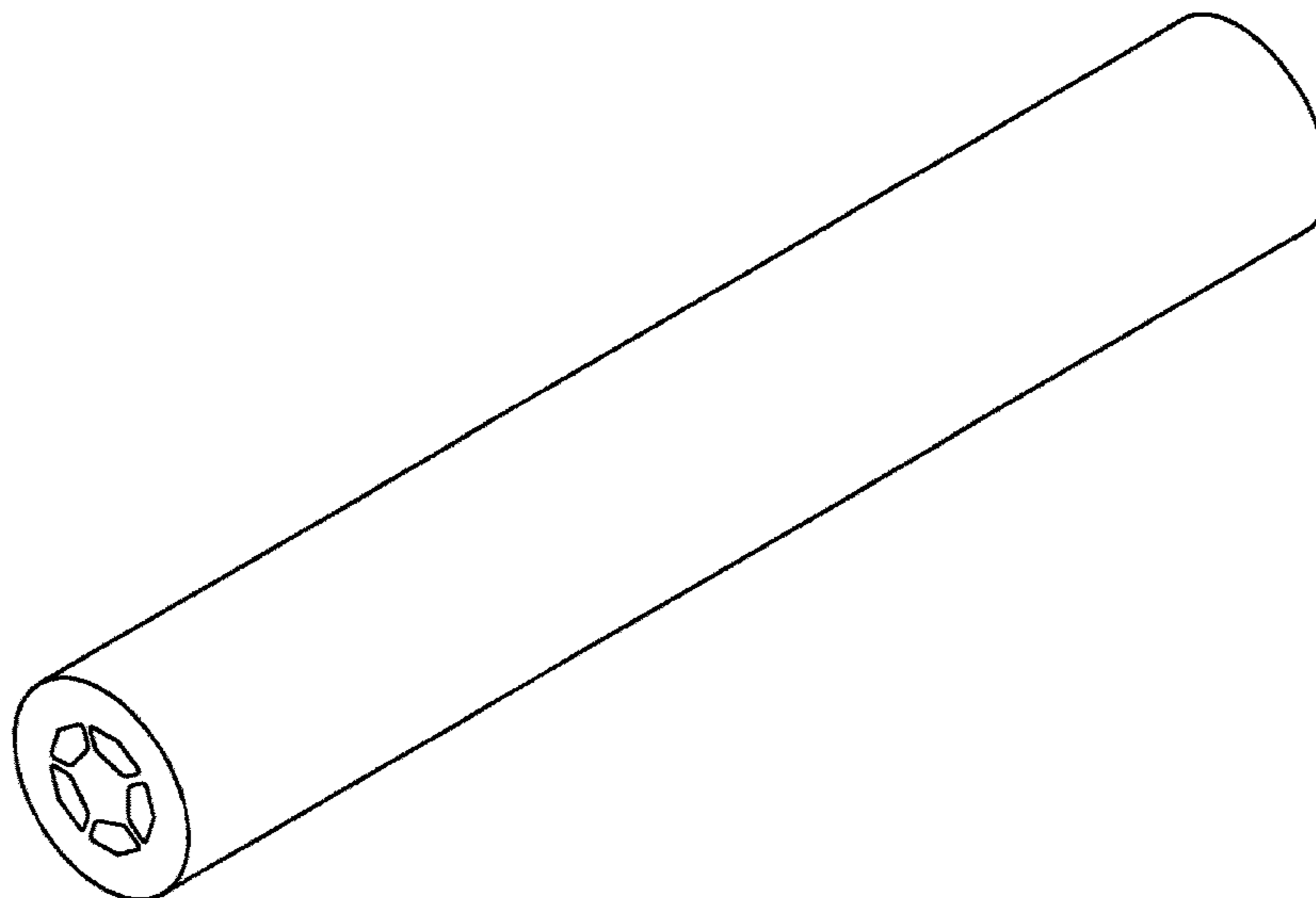
FIG. 4 is a side elevational view of the opposite side thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a front plan view thereof; and,

FIG. 7 is a rear plan view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,445,476 A 7/1948 Folkman
 3,396,733 A * 8/1968 Allseits A24D 3/0237
 131/336
 3,516,417 A 6/1970 Moses
 3,587,573 A 6/1971 Flack
 D229,725 S 12/1973 Berger
 D229,788 S 1/1974 Berger
 D229,789 S 1/1974 Berger
 D229,790 S 1/1974 Berger
 D270,378 S * 8/1983 Tourand D27/170
 5,042,510 A 8/1991 Curtiss et al.
 D322,333 S * 12/1991 Raich D27/101
 5,269,327 A 12/1993 Counts et al.
 5,417,227 A 5/1995 West
 5,611,360 A 3/1997 Tang
 5,613,504 A 3/1997 Collins et al.
 D404,515 S 1/1999 Dal Monte
 D404,516 S 1/1999 Benhamou
 D404,518 S 1/1999 Dal Monte
 D404,519 S 1/1999 Dal Monte
 D405,219 S 2/1999 Dal Monte
 D405,220 S 2/1999 Dal Monte
 5,865,185 A 2/1999 Collins et al.
 D410,107 S 5/1999 Dal Monte
 D410,765 S 6/1999 Gawryk
 D415,678 S * 10/1999 Pullan D27/101
 6,532,965 B1 3/2003 Abhulimen et al.
 D493,911 S 8/2004 Somma et al.
 D590,988 S 4/2009 Hon
 D590,989 S 4/2009 Hon
 D614,346 S * 4/2010 Lik D27/101
 D624,238 S 9/2010 Turner
 D642,330 S 7/2011 Turner
 D644,375 S 8/2011 Zhou
 D646,431 S 10/2011 Awty et al.
 D652,987 S * 1/2012 Kaljura D27/101
 D653,390 S * 1/2012 Kaljura D27/101
 D653,803 S * 2/2012 Timmermans D27/163
 D655,036 S 2/2012 Zhou
 D657,091 S 4/2012 Braveman
 D662,257 S 6/2012 Alelov
 D666,355 S 8/2012 Alelov
 D685,522 S 7/2013 Potter et al.
 D687,181 S * 7/2013 Goch D27/101
 8,490,628 B2 * 7/2013 Hon A24F 47/008
 128/202.21
 8,499,766 B1 * 8/2013 Newton A24F 47/008
 131/273
 D691,324 S * 10/2013 Saliman D27/101
 D691,765 S 10/2013 Tucker et al.
 D691,766 S 10/2013 Tucker et al.
 D692,613 S * 10/2013 Morreale D27/170
 D694,468 S * 11/2013 Chen D27/101
 D695,449 S 12/2013 Tucker et al.
 D696,455 S 12/2013 Abroff
 D696,815 S 12/2013 Abroff
 D699,391 S 2/2014 Abroff et al.
 8,646,461 B2 2/2014 von Borstel et al.
 D720,883 S * 1/2015 Albanese D27/101
 D722,196 S * 2/2015 Tucker D27/101
 D724,262 S * 3/2015 Hearn D27/101
 D724,781 S * 3/2015 Hearn D27/101
 D725,821 S * 3/2015 Levin D27/101
 D725,822 S * 3/2015 Liu D27/101
 D728,852 S * 5/2015 Hearn D27/101
 D729,439 S * 5/2015 Scatterday D27/101
 D731,112 S * 6/2015 Li D27/101
 D732,239 S * 6/2015 Chen D27/101
 D736,994 S * 8/2015 Mittersinker D27/101
 2003/0029465 A1 2/2003 Strickland et al.
 2010/0275938 A1 * 11/2010 Roth A61M 15/06
 131/270
 2011/0290268 A1 12/2011 Schennum
 2013/0139833 A1 * 6/2013 Hon A24F 47/008
 131/273

2013/0192615 A1 * 8/2013 Tucker H01C 17/00
 131/328
 2013/0192616 A1 * 8/2013 Tucker H01C 17/00
 131/328
 2013/0192619 A1 * 8/2013 Tucker H01C 17/00
 131/329
 2013/0192620 A1 * 8/2013 Tucker H01C 17/00
 131/329
 2013/0192621 A1 * 8/2013 Li H01C 17/00
 131/329
 2013/0192622 A1 * 8/2013 Tucker H01C 17/00
 131/329

FOREIGN PATENT DOCUMENTS

CN 301100296 12/2009
 CN 301114285 1/2010
 CN 301168378 3/2010
 CN 301168379 3/2010
 CN 301168380 3/2010
 CN 301168381 3/2010
 CN 301168383 3/2010
 CN 3011683282 3/2010
 CN 301322530 S 8/2010
 CN 301357985 S 9/2010
 CN 301376916 S 11/2010
 CN 301412347 S 12/2010
 CN 301428288 S 12/2010
 CN 301547690 S 5/2011
 CN 301547691 S 5/2011
 CN 301555201 S 5/2011
 CN 301722384 S 11/2011
 CN 301722386 S 11/2011
 CN 301744970 S 11/2011
 CN 301970169 S 6/2012
 EM 000048476-0003 1/2004
 EM 000048476-0001 1/2004
 EM 000048476-0002 1/2004
 EM 000048476-0004 1/2004
 EM 000048476-0005 1/2004
 EM 000048476-0006 1/2004
 EM 000048476-0007 1/2004
 EM 000048476-0008 1/2004
 EM 000048476-0009 1/2004
 EM 000048476-0010 1/2004
 EM 000048476-0011 1/2004
 EM 000048476-0012 1/2004
 EM 000048476-0013 1/2004
 EM 000048476-0014 1/2004
 EM 000048476-0015 1/2004
 EM 000048476-0016 1/2004
 EM 000048476-0017 1/2004
 EM 001025779-0001 11/2008
 EM 001857558-0001 5/2011
 EM 001303150-0001 1/2012
 EM 001303150-0002 1/2012
 EM 001303150-0003 1/2012
 EM 001303150-0004 1/2012
 EM 001303150-0005 1/2012
 EM 001303150-0006 1/2012
 EM 001317556-0001 3/2012
 EM 001317556-0002 3/2012
 EM 001317556-0003 3/2012
 EM 001317556-0004 3/2012
 EM 001317556-0005 3/2012
 EM 001317556-0006 3/2012
 EM 001317556-0007 3/2012
 EM 001317556-0008 3/2012
 EM 001317556-0009 3/2012
 EM 001991100-0001 3/2012
 EM 001991100-0002 3/2012
 EM 001991100-0003 3/2012
 EM 001991100-0004 3/2012
 EM 001991100-0005 3/2012
 EM 001991100-0006 3/2012
 EM 001991100-0007 3/2012
 EM 001991100-0008 3/2012
 EM 001991100-0009 3/2012
 EM 001991100-0010 3/2012

(56)

References Cited

FOREIGN PATENT DOCUMENTS

EM	001991126-0001	3/2012
EM	001991126-0002	3/2012
EM	001991126-0003	3/2012
EM	001991126-0004	3/2012
EM	001991126-0005	3/2012
EM	001991126-0006	3/2012
EM	001991126-0007	3/2012
EM	001307631-0003	4/2012
EM	001307631-0004	4/2012
EM	001307631-0021	4/2012
EM	001307656-0001	4/2012
EM	001307656-0004	4/2012
EM	001307656-0007	4/2012
EM	001307656-0013	4/2012
EP	1536703	9/2006
FR	891209	2/1990
JP	D1273004	4/2006
JP	D1385679	3/2010
JP	D1385674	4/2010
JP	D 1385675	4/2010
JP	D1385676	4/2010
JP	D 1385677	4/2010
JP	D1409197	3/2011
KR	3003974070000	11/2005
KR	300402970001	7/2006

KR	3005589800000	4/2010
KR	3005838550000	1/2011
KR	3005838560000	1/2011
KR	3006097230000	8/2011
KR	3006203020000	11/2011
VN	3-2012-00620	12/2012
VN	3-2012-00621	12/2012
VN	3-2012-00622	12/2012
VN	3-2012-00623	12/2012
VN	3-2012-00624	12/2012
VN	3-2012-00625	12/2012
WO	2008/113420	9/2008
WO	2009/079641	6/2009

OTHER PUBLICATIONS

Republic of Vietnam Office Action dated Mar. 12, 2014, in application No. 3-2012-00829, with English translation, 4 pp.
 Republic of Vietnam Office Action dated Mar. 12, 2014, in application No. 3-2012-00830, with English translation, 4 pp.
 U.S. Appl. No. 29/422,430, filed May 21, 2012, Mittersinker et al.
 Design U.S. Appl. No. 29/422,430, filed May 21, 2012, including 2 pages of specification and 42 pages of drawings.
 U.S. Appl. No. 29/498,167, filed Jul. 31, 2014, Mittersinker, et al.
 U.S. Appl. No. 29/498,175, filed Jul. 31, 2014, Mittersinker, et al.
 U.S. Appl. No. 29/498,177, filed Jul. 31, 2014, Mittersinker, et al.

* cited by examiner

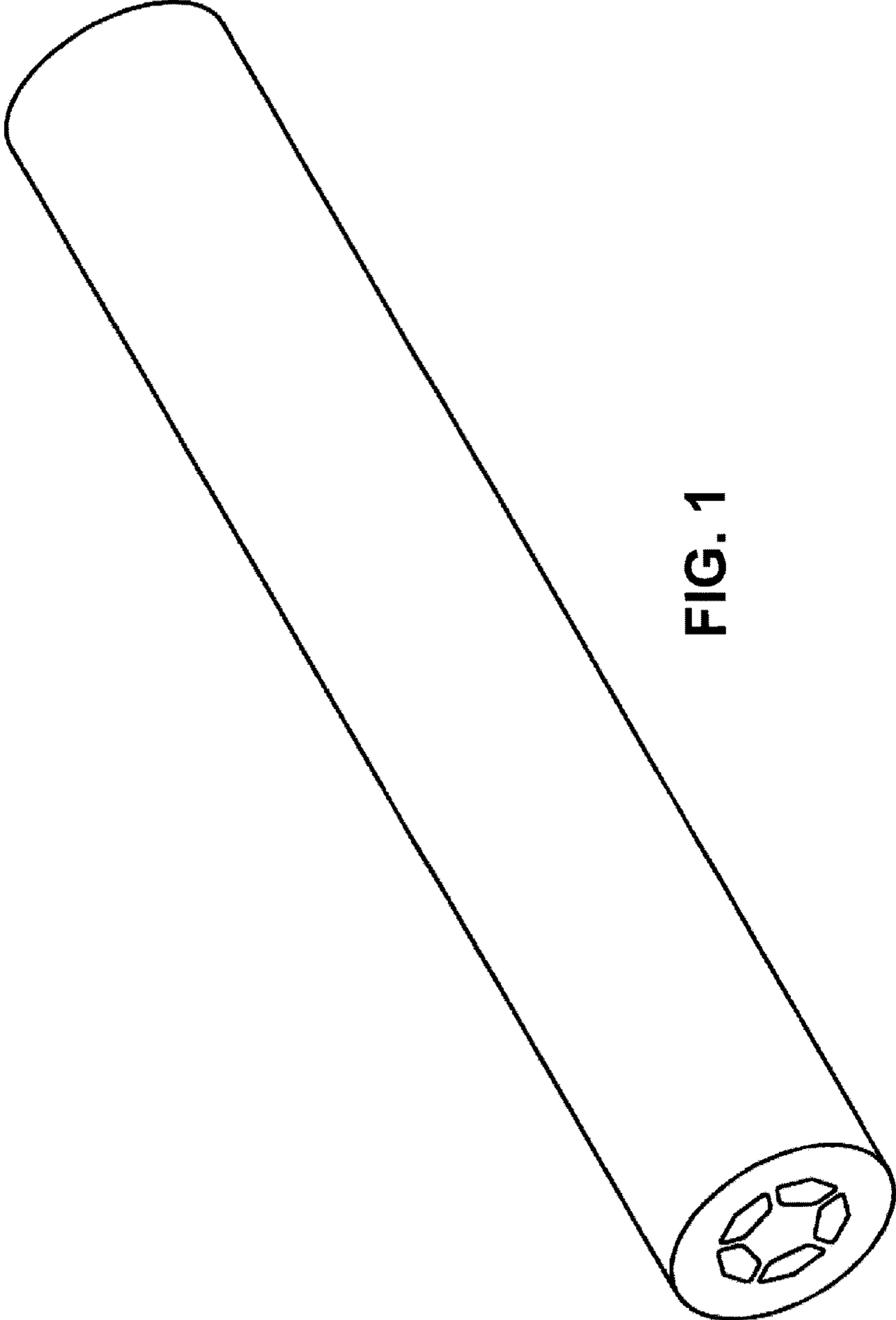


FIG. 1

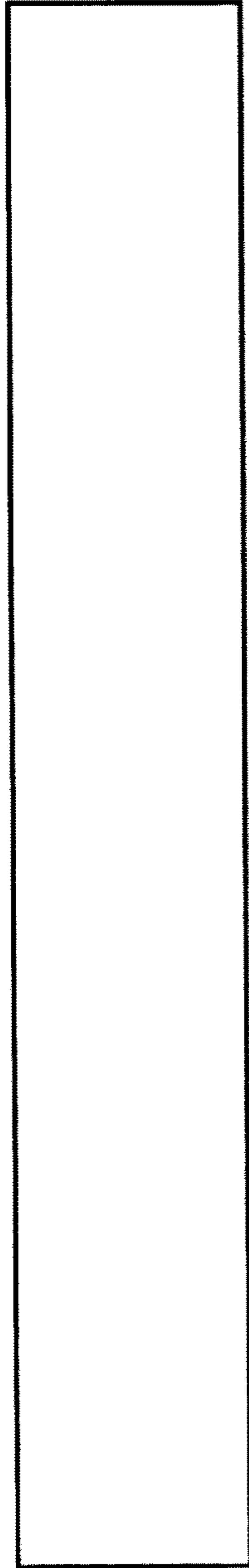


FIG. 2

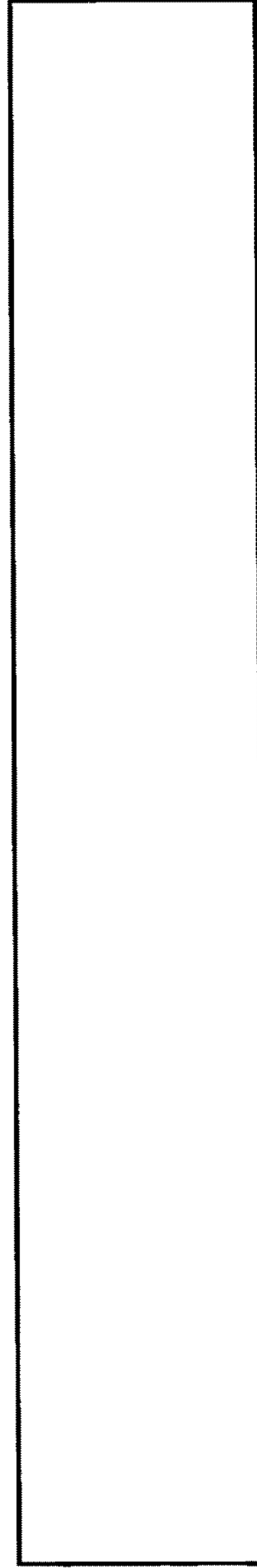


FIG. 3

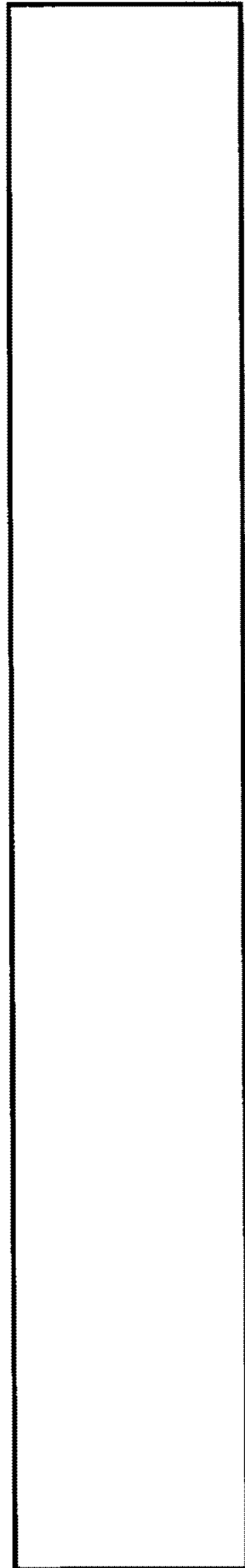


FIG. 4

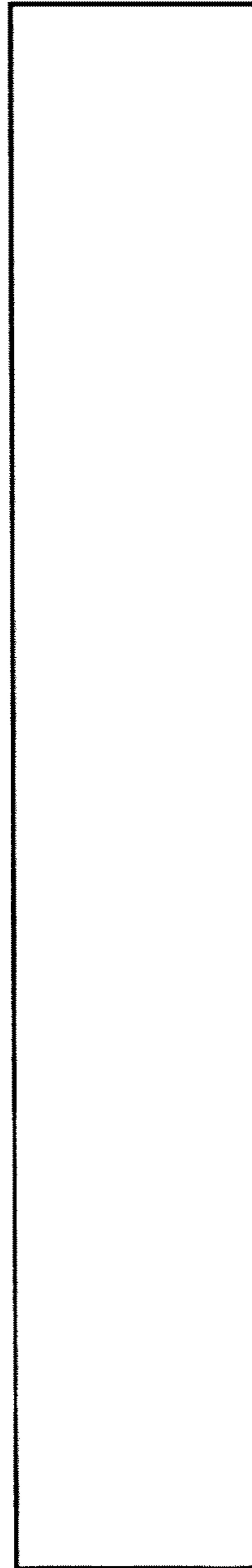


FIG. 5

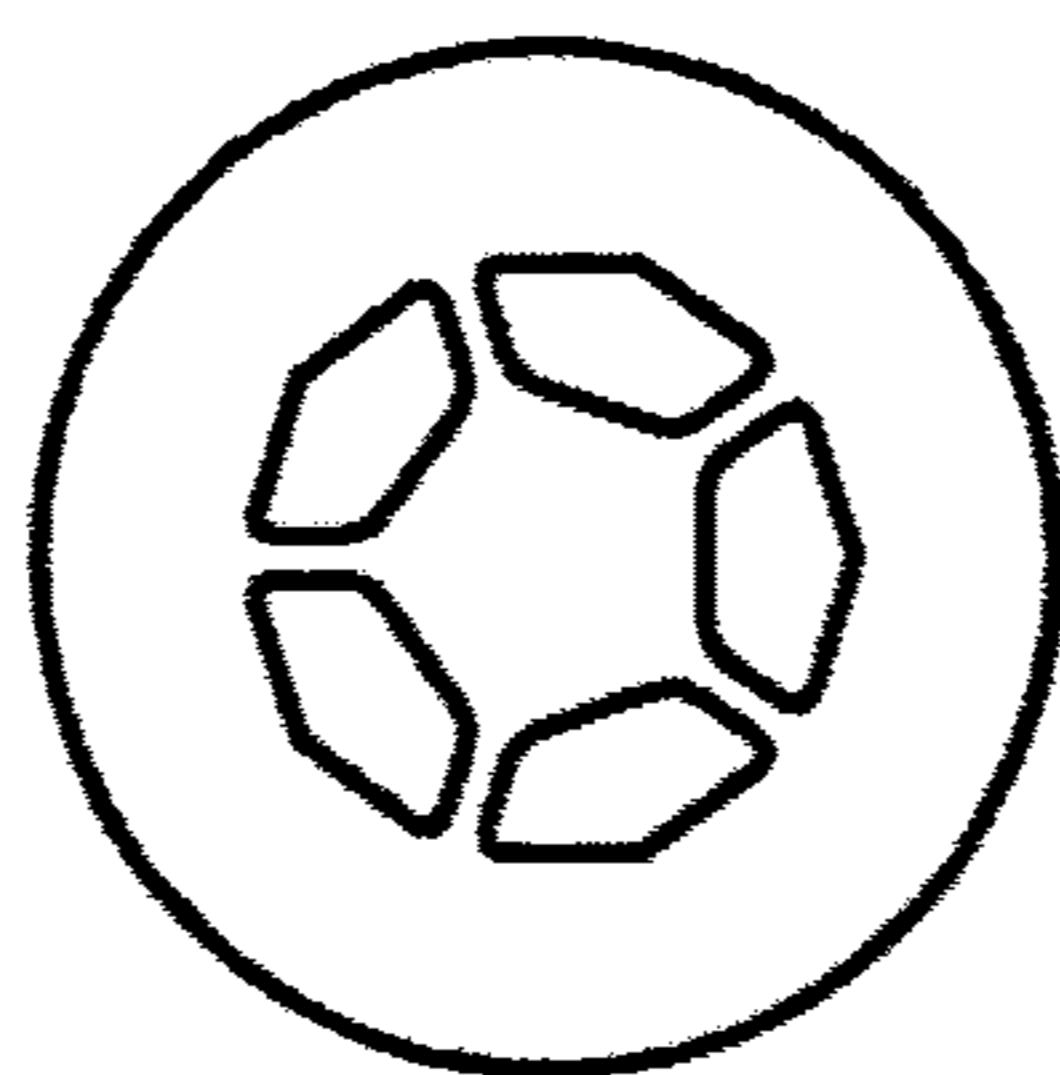


FIG. 6

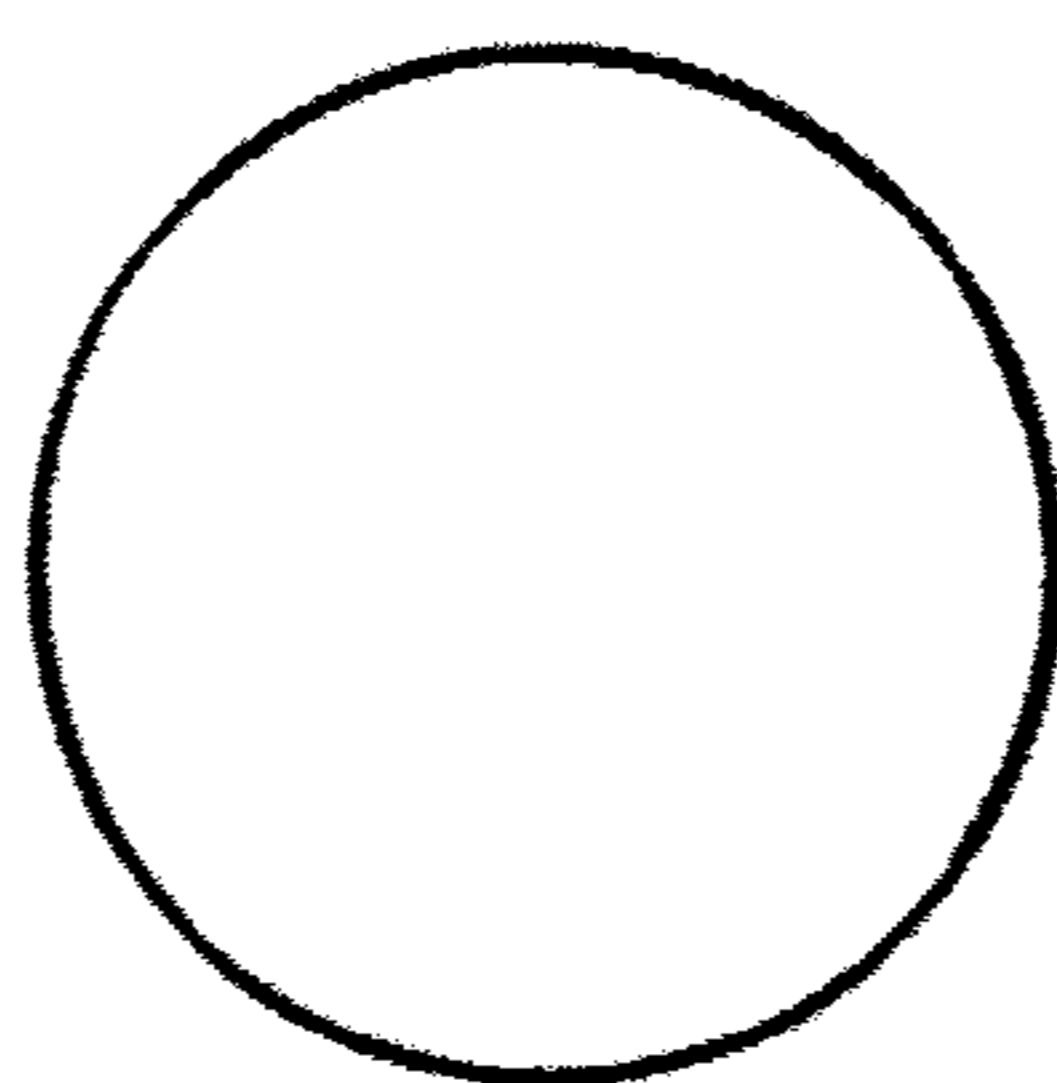


FIG. 7