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

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(45) **Date of Patent:** **** Mar. 1, 2011**

(54) **CLOSURE**

(75) Inventors: **James M. Taber**, Aurora, IL (US);
Darren R. Neputy, Palos Hills, IL (US)

(73) Assignee: **Silgan White Cap LLC**, Downers
Grove, IL (US)

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

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(51) **LOC (9) Cl.** **09-07**

(52) **U.S. Cl.** **D9/453**

(58) **Field of Classification Search** D9/651,
D9/453, 452, 450, 449, 446, 443, 435; 222/83;
220/277; 215/252, 216, 206, 222, 219
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,495,722 A *	5/1924	Anderson	215/307
3,251,498 A	5/1966	Roy		
3,601,273 A	8/1971	Kutcher		
3,637,073 A	1/1972	Capuano		
3,796,338 A	3/1974	Wilton		
3,805,987 A	4/1974	Horvath		
3,871,544 A	3/1975	Peyser		
3,946,889 A	3/1976	Gach		
4,076,139 A	2/1978	Larson		
4,153,174 A	5/1979	Keeler		
4,157,143 A	6/1979	Doi		
4,278,180 A	7/1981	Willis		
4,352,436 A	10/1982	Chartier et al.		
RE31,496 E	1/1984	Keeler		
4,454,954 A	6/1984	Willis		

(Continued)

FOREIGN PATENT DOCUMENTS

AR 248252 A1 7/1995

(Continued)

OTHER PUBLICATIONS

Silgan White Cap LLC Brochure, "Plasti-Twist™ Plus—38mm
VAJ", 2008.

(Continued)

Primary Examiner—Susan Bennett Hattan

(74) *Attorney, Agent, or Firm*—Reinhart Boerner Van Deuren
s.c.

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of the claimed design;

FIG. 2 is an enlarged perspective view of a portion of the
claimed design, using line 2—2 as a boundary;

FIG. 3 is a front elevational view of the claimed design, the
rear elevational view being the same as the front elevational
view;

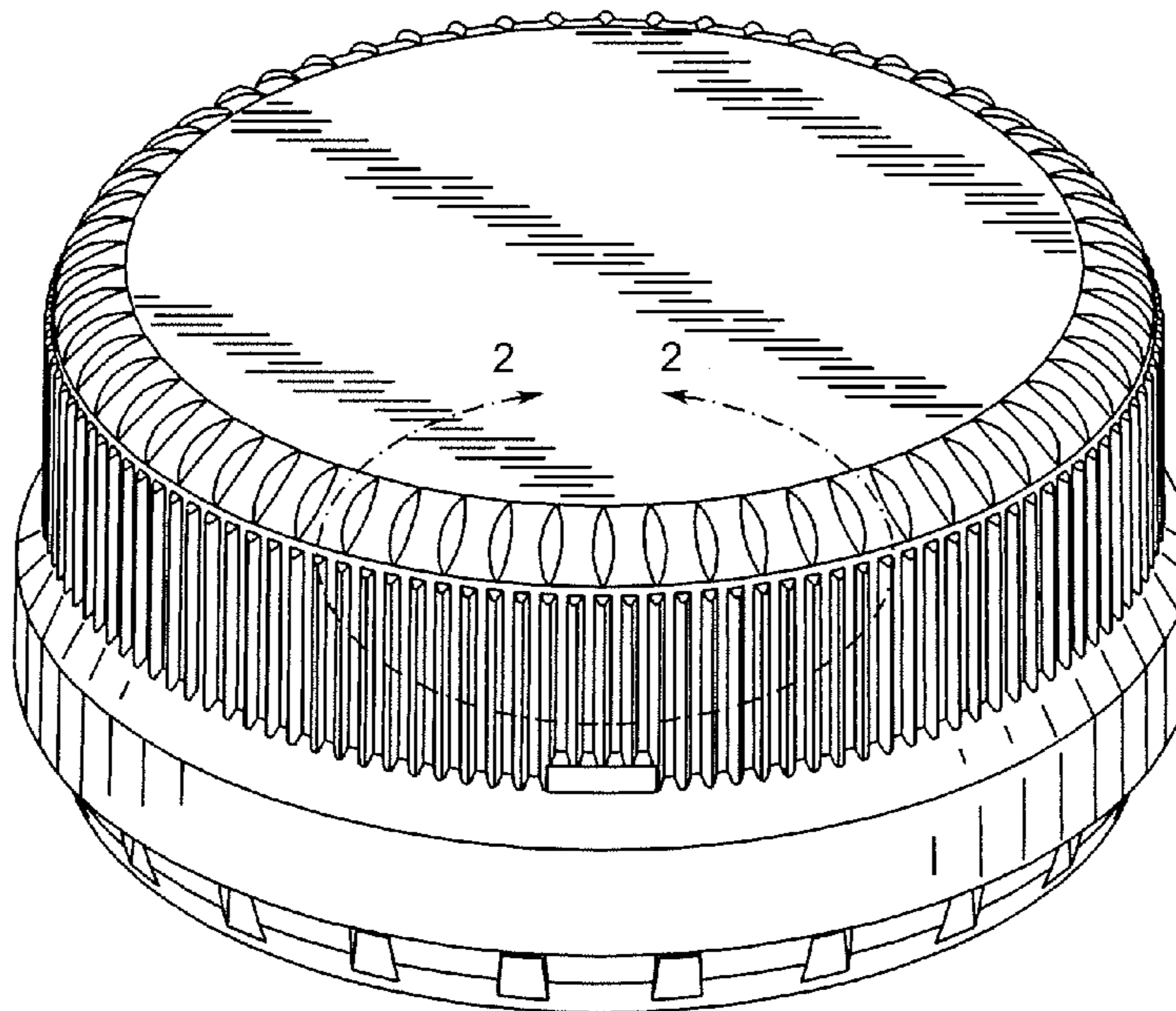
FIG. 4 is a top plan view of the claimed design;

FIG. 5 is a left side elevational view of the claimed design, the
right side elevational view being the same as the left side
elevational view; and,

FIG. 6 is a bottom plan view of the claimed design.

The broken lines in the drawings depict environmental sub-
ject matter only and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



U.S. PATENT DOCUMENTS

4,505,401 A 3/1985 Berglund
 4,540,100 A 9/1985 Willis
 4,550,845 A 11/1985 Guala
 4,573,601 A 3/1986 Berglund
 4,592,476 A 6/1986 Yasada
 4,597,500 A 7/1986 Stubbs
 4,638,917 A 1/1987 Persch
 4,991,729 A 2/1991 Hunter
 5,000,992 A 3/1991 Kelch
 5,064,084 A 11/1991 McBride et al.
 5,090,582 A 2/1992 Art et al.
 5,129,530 A 7/1992 Fuchs
 5,174,465 A 12/1992 Luch et al.
 5,244,107 A 9/1993 Battezzatore
 5,249,695 A 10/1993 Luch et al.
 5,271,519 A 12/1993 Adams et al.
 5,303,837 A 4/1994 Adams et al.
 5,317,796 A 6/1994 Hunter
 5,348,182 A 9/1994 Luch
 5,348,183 A 9/1994 Luch et al.
 5,348,184 A 9/1994 Adams et al.
 5,351,845 A 10/1994 Hunter
 5,397,013 A 3/1995 Adams et al.
 5,402,901 A 4/1995 Carvalheiro et al.
 D361,265 S * 8/1995 Doxey D9/435
 5,445,283 A 8/1995 Krautkramer
 5,460,283 A 10/1995 MaCartney et al.
 5,487,481 A 1/1996 Sander et al.
 5,512,228 A 4/1996 Adams et al.
 5,597,082 A 1/1997 Luch et al.
 5,609,262 A 3/1997 Trout
 5,673,809 A 10/1997 Ohmi et al.
 5,676,269 A 10/1997 Blake et al.
 5,678,719 A 10/1997 Adams et al.
 5,680,945 A 10/1997 Sander et al.
 5,893,475 A 4/1999 May
 D413,202 S 8/1999 Schmitt et al.
 D418,756 S 1/2000 Reidenbach
 D418,757 S 1/2000 Reidenbach
 6,039,198 A 3/2000 Wolfe et al.
 6,123,212 A 9/2000 Russell et al.
 6,149,023 A 11/2000 Palmer
 6,182,845 B1 2/2001 Wolfe et al.
 6,199,696 B1 3/2001 Lytle et al.
 6,283,318 B1 9/2001 Lee
 D458,138 S * 6/2002 Fuchs D9/453
 6,431,385 B1 8/2002 Palmer
 D465,731 S * 11/2002 Brant et al. D9/453
 6,557,714 B2 5/2003 Babcock et al.
 6,646,864 B2 11/2003 Richardson
 6,733,852 B2 5/2004 Littlejohn et al.
 D506,359 S 6/2005 Zettle et al.
 D513,181 S * 12/2005 Bloom et al. D9/453
 6,995,976 B2 2/2006 Richardson
 7,011,221 B2 3/2006 Smith et al.
 D525,125 S 7/2006 King
 D525,523 S 7/2006 King
 7,077,278 B2 7/2006 Dubach
 7,158,376 B2 1/2007 Richardson et al.
 7,180,735 B2 2/2007 Thomas et al.
 D538,654 S 3/2007 Seidita
 7,207,453 B2 4/2007 Rossi
 D542,654 S 5/2007 Szczesniak
 D542,655 S 5/2007 Szczesniak
 D542,656 S 5/2007 Szczesniak
 7,230,823 B2 6/2007 Richardson et al.
 7,258,905 B2 8/2007 Whitmore et al.
 7,312,984 B2 12/2007 Thomas et al.
 7,314,146 B2 1/2008 Mavin
 D573,022 S * 7/2008 Berman D9/453
 D574,240 S 8/2008 Szczesniak

D587,115 S 2/2009 Capretta et al.
 D592,954 S * 5/2009 Capretta et al. D9/453
 7,527,161 B2 5/2009 Rodriguez et al.
 D597,793 S 8/2009 Krueger et al.
 7,575,121 B2 8/2009 Ooka et al.
 7,609,512 B2 10/2009 Richardson et al.
 D603,222 S 11/2009 Krueger et al.
 7,663,879 B2 2/2010 Richardson et al.
 7,688,580 B2 3/2010 Richardson et al.
 7,721,911 B2 5/2010 Chou
 2002/0122907 A1 9/2002 Whitmore et al.
 2002/0175171 A1 11/2002 Stewart et al.
 2003/0034351 A1 2/2003 Van Handel et al.
 2003/0176548 A1 9/2003 Goldman
 2004/0007556 A1 1/2004 Manera et al.
 2004/0026354 A1 2/2004 Folchini et al.
 2005/0092750 A1 5/2005 Lohrman et al.
 2005/0145638 A1 7/2005 Van Handel et al.
 2006/0032831 A1 2/2006 Major
 2006/0102584 A1 5/2006 Wellman
 2006/0124575 A1 6/2006 Mavin et al.
 2006/0231519 A1 10/2006 Py et al.
 2007/0034590 A1 2/2007 Hidding
 2007/0095835 A1 5/2007 Lohrman et al.
 2008/0067142 A1 3/2008 Druitt
 2008/0110848 A1 5/2008 Lantos et al.
 2008/0169261 A1 7/2008 Druitt et al.
 2008/0179276 A1 7/2008 Lohrman et al.
 2008/0251489 A1 10/2008 Livingston et al.
 2008/0251490 A1 10/2008 Livingston et al.
 2008/0272083 A1 11/2008 Druitt
 2008/0272084 A1 11/2008 Lohrman et al.
 2008/0314000 A1 12/2008 Druitt
 2009/0009945 A1 1/2009 Johnson et al.
 2009/0020494 A1 1/2009 Seelhofer
 2009/0034169 A1 2/2009 Richardson et al.
 2009/0039083 A1 2/2009 Stull et al.
 2010/0008028 A1 1/2010 Richardson et al.
 2010/0072163 A1 3/2010 Krause
 2010/0140268 A1 6/2010 Lohrman

FOREIGN PATENT DOCUMENTS

AT 319792 B 1/1975
 AU 653779 B2 10/1994
 AU 664730 B2 11/1995
 AU 666683 B2 2/1996
 AU 668541 B2 5/1996
 AU 676009 B2 2/1997
 AU 696551 B2 9/1998
 AU 701983 B2 2/1999
 AU 752149 B2 9/2002
 AU 2002336000 A1 10/2002
 AU 761701 B2 6/2003
 AU 2003239915 A1 12/2003
 AU 2004243320 A1 12/2004
 AU 2005275107 A1 2/2006
 AU 2005279311 A1 3/2006
 AU 2005209675 A1 6/2006
 AU 2005331483 A1 11/2006
 AU 2006332049 A1 8/2007
 AU 2006332049 A2 8/2007
 AU 2008243010 A1 10/2008
 AU 2006332049 A8 3/2009
 AU 2004243320 B2 3/2010
 BE 745201 A1 7/1970
 BE 783313 A1 11/1972
 BG 62607 B1 3/2000
 BR 8500825 A 10/1985
 BR 9007401 A 6/1992
 BR 9105879 A 11/1992
 BR 9201556 A 12/1992
 BR 9206669 A 5/1995

US D633,386 S

Page 3

BR	9406119	A	12/1995	DE	69424149	T2	11/2000
BR	9305765	A	1/1997	DE	69630596	T2	9/2004
BR	9607940	A	6/1998	DE	60021731	T2	4/2006
BR	9905736	A	9/2000	DE	602005004565	T2	1/2009
BR	PI0514215	A	6/2008	DK	135529	B	5/1977
BR	PI0514822	A	6/2008	DK	267684	A	12/1984
BR	PI0607233	A2	8/2009	DK	85885	A	9/1985
CA	962628	A1	2/1972	DK	161585	B	7/1991
CA	920090	A1	1/1973	DK	1397296	T3	12/2005
CA	1010821	A1	5/1977	DK	1789336	T3	1/2009
CA	1113886	A1	12/1981	EA	200700511	A1	8/2007
CA	1132099	A1	9/1982	EA	009267	B1	12/2007
CA	2053898	A1	12/1990	EA	200801786	A1	2/2009
CA	2071531	A1	2/1992	EA	013494	B1	4/2010
CA	1314839	C	3/1993	EP	0154611	A2	9/1985
CA	2128526	A1	7/1993	EP	0156522	A1	10/1985
CA	2126870	A1	8/1993	EP	0154611	A3	5/1987
CA	2107041	A1	8/1994	EP	0225394	A1	6/1987
CA	2107055	A	8/1994	EP	0156522	B1	1/1988
CA	2151923	A1	8/1994	EP	0154611	B1	5/1990
CA	2215927	A1	9/1996	EP	0474772	A1	3/1992
CA	2379574	A1	3/2001	EP	0474772	A4	5/1992
CA	2354684	A1	2/2002	EP	0497969	A1	8/1992
CA	2121890	C	1/2003	EP	0502716	A2	9/1992
CA	2392801	A1	1/2003	EP	0511502	A2	11/1992
CA	2392828	A1	1/2003	EP	0497969	A4	3/1993
CA	2527007	A1	12/2004	EP	0511502	A3	2/1994
CA	2565971	A1	6/2006	EP	0608378	A1	8/1994
CA	2602222	A1	7/2006	EP	0621848	A1	11/1994
CA	2580467	A1	11/2006	EP	0623522	A1	11/1994
CA	2379574	C	9/2007	EP	0621848	A4	5/1995
CA	2683991	A1	10/2008	EP	0502716	A3	8/1995
CA	2354684	C	3/2009	EP	0669261	A1	8/1995
CA	2392801	C	12/2009	EP	0682624	A1	11/1995
CA	2527007	C	12/2009	EP	0682625	A1	11/1995
CH	519422	A	2/1972	EP	0511502	B1	4/1996
CH	640476	A5	1/1984	EP	0608378	A4	9/1997
CH	669367	A5	3/1989	EP	0815028	A1	1/1998
CH	698861	B1	9/2009	EP	0682625	B1	12/1998
CN	1113201	A	12/1995	EP	0608378	B1	12/1999
CN	1117722	A	2/1996	EP	0682624	B1	4/2000
CN	1117723	A	2/1996	EP	0815028	A4	5/2001
CN	1131635	A	9/1996	EP	0502716	B1	7/2001
CN	1040311	C	10/1998	EP	1206396	A1	5/2002
CN	1216965	A	5/1999	EP	1327588	A1	7/2003
CN	1070143	C	8/2001	EP	0815028	B1	11/2003
CN	1080688		3/2002	EP	1397296	A1	3/2004
CN	1367751	A	9/2002	EP	1206396	B1	8/2005
CN	1166533	C	9/2004	EP	1397296	B1	9/2005
CN	1799946	A	7/2006	EP	1397296	B8	11/2005
CN	1816480	A	8/2006	EP	1636103	A2	3/2006
CN	1984821	A	6/2007	EP	1659071	A2	5/2006
CN	101001788	A	7/2007	EP	1659071	A3	6/2006
CN	101044065	A	9/2007	EP	1679267	A2	7/2006
CN	101044066	A	9/2007	EP	1679267	A3	7/2006
CN	101044067	A	9/2007	EP	1781548	A1	5/2007
CN	101142126	A	3/2008	EP	1789336	A1	5/2007
CN	101395064	A	3/2009	EP	1799573	A1	6/2007
CN	101535146	A	9/2009	EP	1799574	A1	6/2007
CO	4410224	A1	1/1997	EP	1828000	A1	9/2007
DE	1928684	A1	8/1970	EP	1799574	B1	1/2008
DE	6922518	U	10/1970	EP	1879807	A2	1/2008
DE	2222655	A1	11/1972	EP	1888424	A2	2/2008
DE	2350973	A1	4/1974	EP	1789336	B1	8/2008
DE	130913	B	5/1975	EP	1781548	B1	10/2008
DE	2813454	A1	4/1979	EP	1984261	A1	10/2008
DE	3100956	C2	8/1984	EP	1985549	A1	10/2008
DE	3420013	A1	12/1984	EP	1327588	B1	11/2008
DE	2350973	C2	4/1985	EP	1799573	B1	12/2008
DE	3421820	A1	12/1985	EP	1828000	B1	1/2009
DE	4314754	A1	11/1994	EP	1659071	B1	2/2009
DE	4390357	T0	6/1995	EP	1984261	B1	6/2009
DE	69415655	T2	6/1999	EP	2065314	A2	6/2009

US D633,386 S

Page 4

EP	2065314	A3	9/2009	MX	9707176	A	3/1998
EP	2144700	A2	1/2010	MX	PA02001135	A	10/2002
ES	243498	U	9/1979	MX	PA05012719	A	2/2006
ES	255671	U	10/1981	MX	2007008927	A	10/2009
ES	286909	U	11/1985	NL	7001222	A	8/1970
ES	292865	U	6/1986	NL	7206295	A	11/1972
ES	296723	U	12/1987	NL	171687	C	5/1983
ES	295793	U	11/1997	NL	8401679	A	1/1985
ES	2127378	T3	4/1999	PL	173080	B1	1/1998
ES	2146252	T3	8/2000	PL	174688	B1	8/1998
ES	2208734	T3	6/2004	PL	180383	B1	1/2001
ES	2246899	T3	3/2006	PT	1799574	E	4/2008
ES	2247388	T3	3/2006	PT	1789336	E	11/2008
ES	2302235	T3	7/2008	RO	118745	B	10/2003
ES	2313457	T3	3/2009	RU	2094343		10/1997
ES	2314687	T3	3/2009	RU	2126351	C1	2/1999
ES	2318091	T3	5/2009	RU	2139230	C1	10/1999
ES	2319554	T3	5/2009	RU	2007108774	A	8/2008
ES	2327462	T3	10/2009	RU	2007128569	A	3/2009
FI	842106	A	12/1984	SE	376746	B	6/1975
FI	78655	B	5/1989	SE	8100145	L	7/1981
FI	78655	C	9/1989	SE	8303099	L	12/1984
FI	952691	A	8/1995	SE	8403493	L	2/1985
FR	2041038	A1	1/1971	SE	444425	B	4/1986
FR	2137739	A1	12/1972	SE	460893	B	12/1989
FR	2318083	A1	2/1977	WO	WO 9014945	A1	12/1990
FR	2403947	A1	4/1979	WO	WO 9203350	A1	3/1992
FR	2474450	A1	7/1981	WO	WO 9215496	A1	9/1992
FR	2546853	A1	12/1984	WO	WO 9308092	A1	4/1993
FR	2701248	A1	8/1994	WO	WO 9312983		7/1993
FR	2706426	A	12/1994	WO	WO 9313998	A1	7/1993
GB	1091796	A	11/1967	WO	WO 9314001	A1	7/1993
GB	1238767	A	7/1971	WO	WO 9314988	A1	8/1993
GB	1394363	A	5/1975	WO	WO 9315970	A1	8/1993
GB	1433208	A	4/1976	WO	WO 9418084	A1	8/1994
GB	1595286	A	8/1981	WO	WO 9418085	A1	8/1994
GB	2069470	A	8/1981	WO	WO 9620872	A2	7/1996
GB	2140787	A	12/1984	WO	WO 9629257	A1	9/1996
GB	2383995	A	7/2003	WO	WO 9620872	A3	10/1996
GB	2383995	B	12/2005	WO	WO 9733802	A1	9/1997
GC	0000139	A	6/2005	WO	WO 0115988	A1	3/2001
GR	73515	A1	8/1984	WO	WO 02076839	A2	10/2002
HU	223327	B1	6/2004	WO	WO 02102678	A1	12/2002
IE	920680	A1	9/1992	WO	WO 02076839	A3	1/2003
IL	33746	A	4/1973	WO	WO 03099672	A1	12/2003
IL	39378	A	10/1974	WO	WO 2004106172	A2	12/2004
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IT	1095960	B	8/1985	WO	WO 2006019949	A1	2/2006
IT	1173373	B	6/1987	WO	WO 2006024550	A1	3/2006
IT	1176222	B	8/1987	WO	WO 2006024656	A1	3/2006
IT	1194830	B	9/1988	WO	WO 2006060098	A1	6/2006
IT	1247435	B	12/1994	WO	WO 2006097151	A2	9/2006
JP	54054550	U	4/1979	WO	WO 2006117024	A1	11/2006
JP	56142158	A	11/1981	WO	WO 2006097151	A3	6/2007
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JP	60217957	A	10/1985	WO	WO 2007117228	A3	9/2008
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JP	05196141	A	8/1993	WO	WO 2008130929	A3	12/2009
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JP	11502491	T	3/1999				
JP	20061932214	A	7/2006				
KR	1020070061852	A	6/2007				
KR	20070086754	A	8/2007				
MX	146402	A	6/1982				

OTHER PUBLICATIONS

Silgan White Cap LLC Brochure, "Plasti-Twist™ Plus—43mm VLD/VMD", 2008.

* cited by examiner

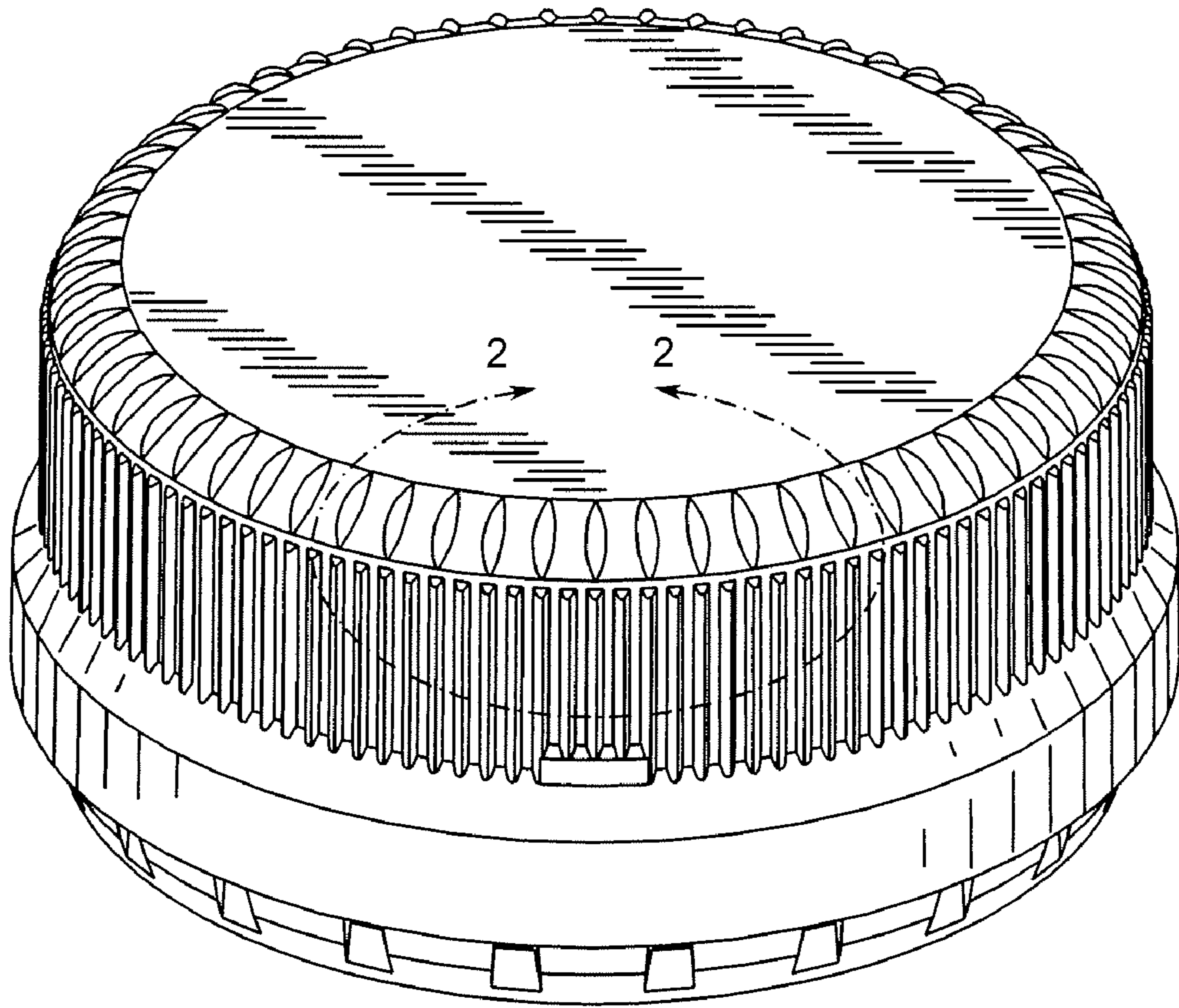


FIG. 1

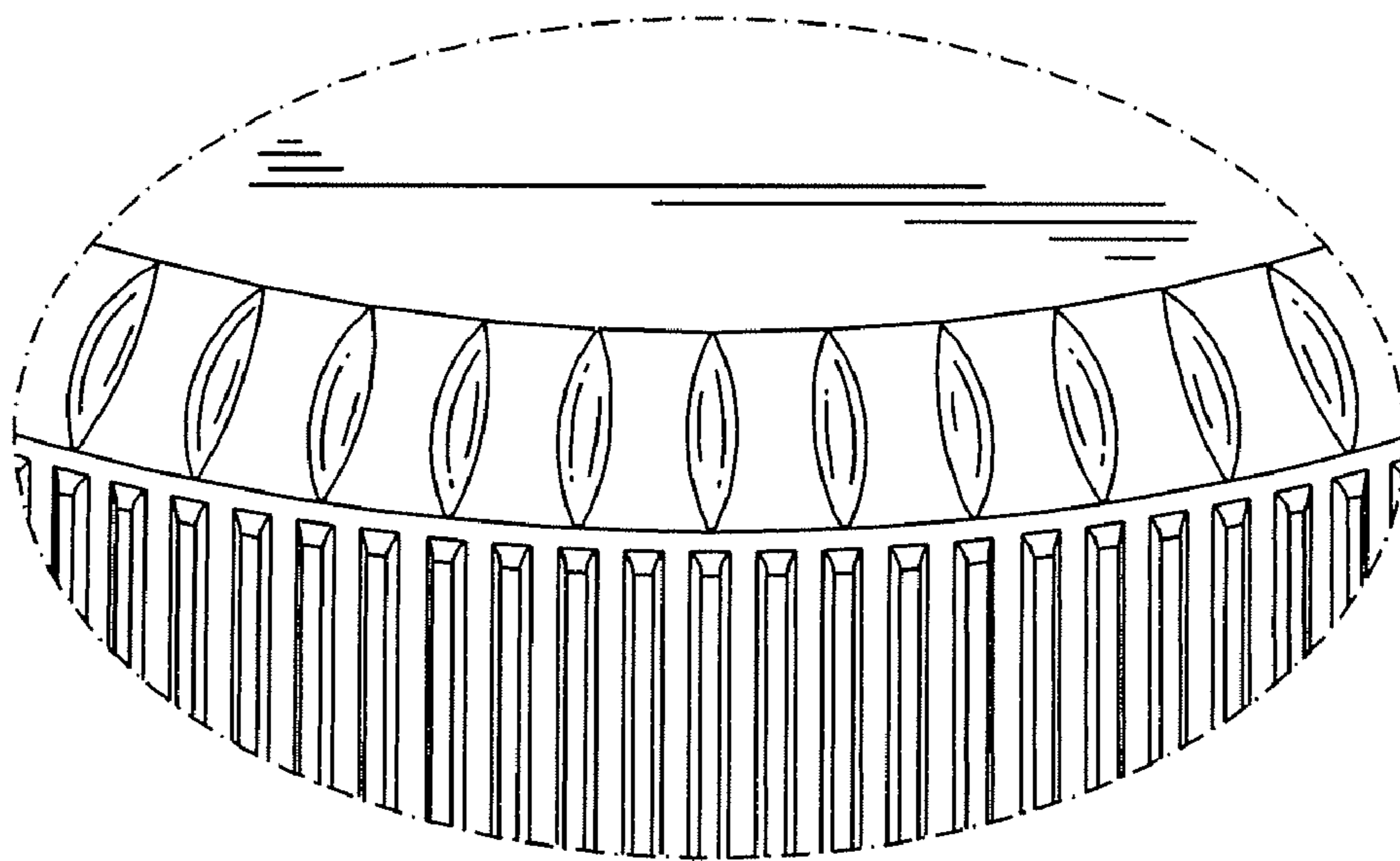


FIG. 2

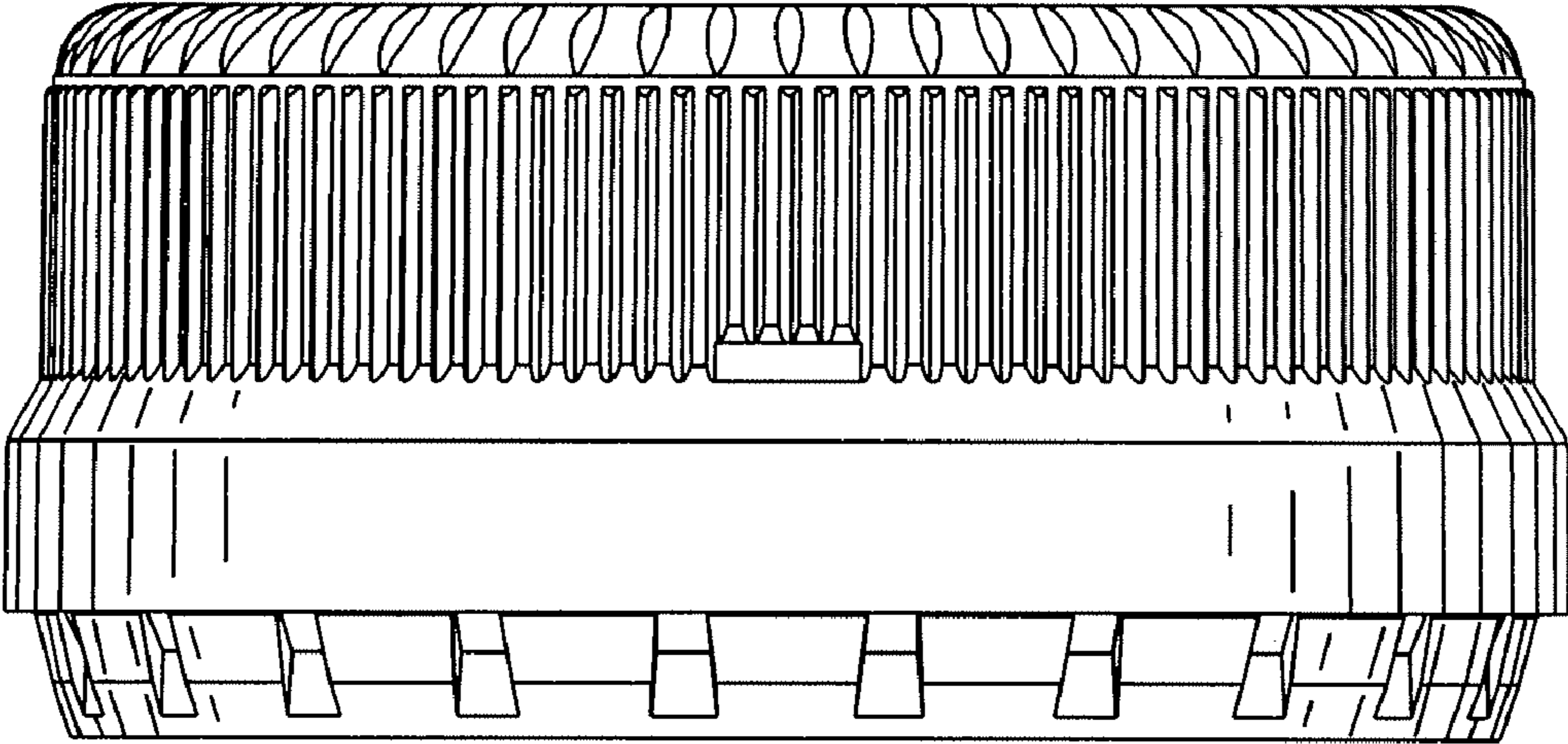


FIG. 3

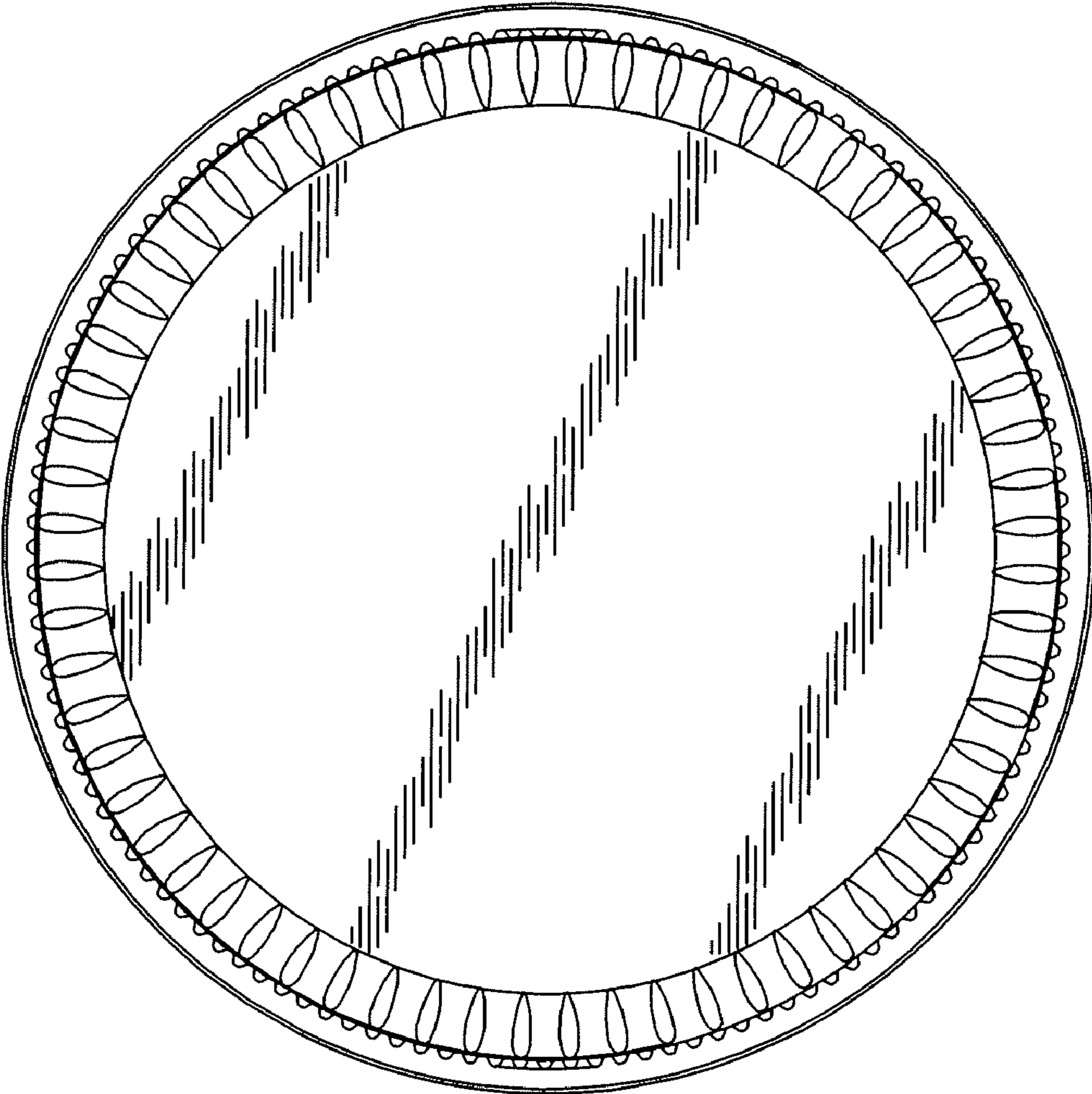


FIG. 4

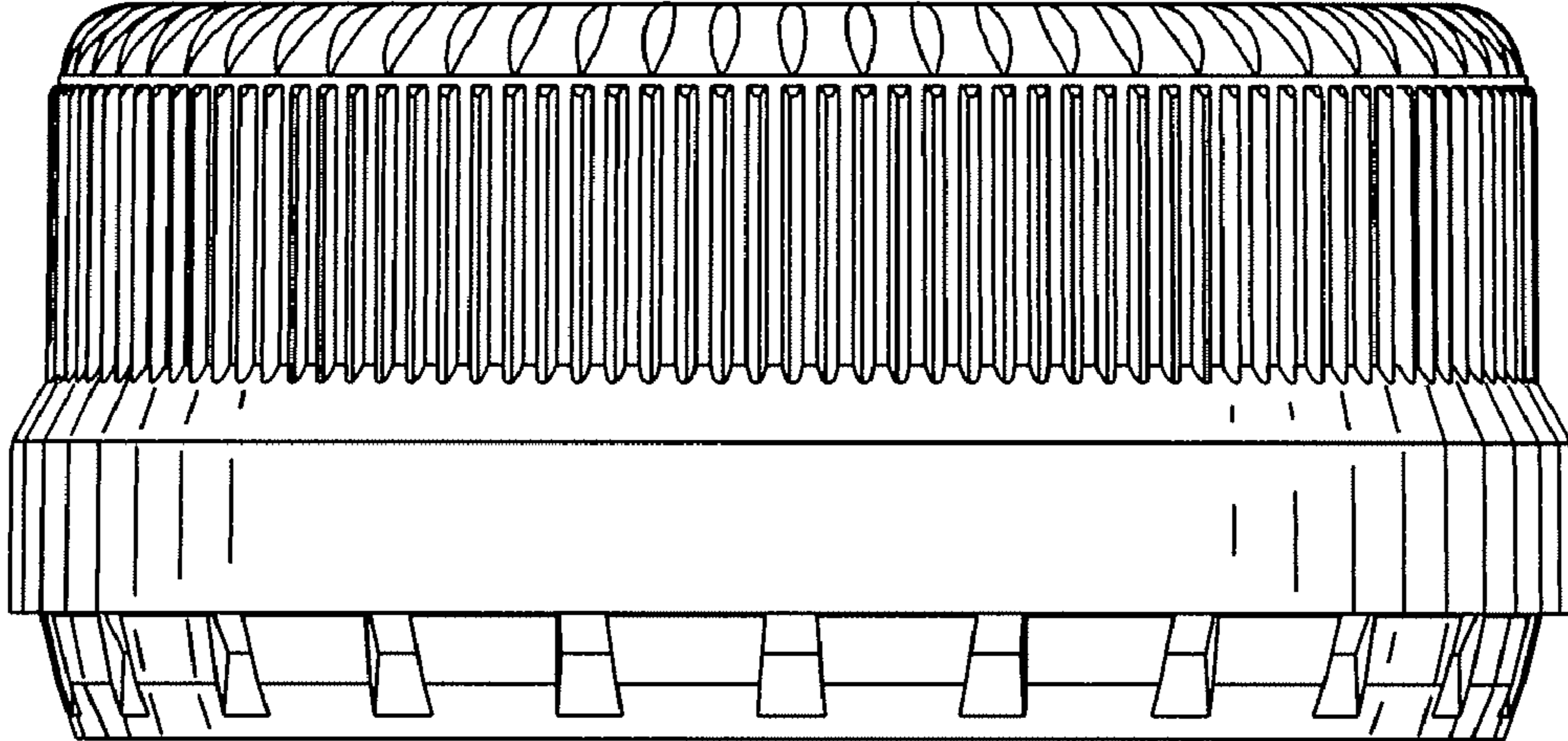


FIG. 5

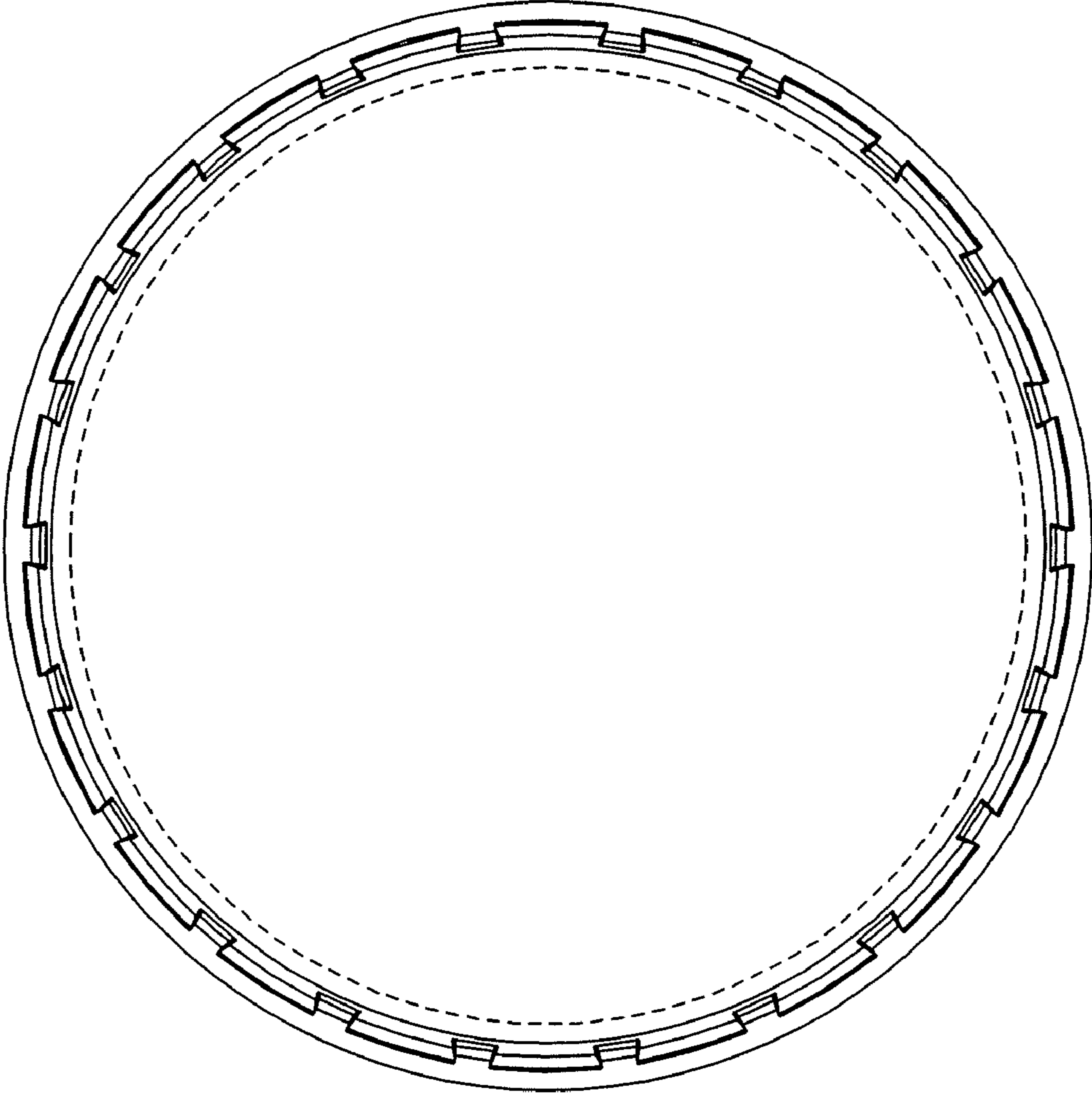


FIG. 6