



US00D763520S

(12) **United States Design Patent**  
**Runyan**

(10) **Patent No.:** **US D763,520 S**  
(45) **Date of Patent:** **\*\* Aug. 9, 2016**

(54) **WASTE COLLECTION DEVICE**

(71) Applicant: **Fred Runyan**, Novato, CA (US)

(72) Inventor: **Fred Runyan**, Novato, CA (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/533,633**

(22) Filed: **Jul. 20, 2015**

(51) **LOC (10) Cl.** ..... **30-99**

(52) **U.S. Cl.**  
USPC ..... **D30/162**

(58) **Field of Classification Search**  
USPC ..... D30/161, 162, 151, 144, 140, 137, 106,  
D30/199; 119/867, 868, 161, 163, 164, 170,  
119/717, 712; 294/1.3-1.5, 214; 43/7-12;  
15/257.1, 257.7; 206/496; 383/33, 34,  
383/34.1, 6, 12, 13, 68; 30/99; D32/74, 49;  
D8/14, 106, 107, 499  
CPC .... A01K 23/00; A01K 23/005; E01H 1/1206;  
E01H 1/1213; E01H 1/12; E01H 2001/122;  
E01H 2001/1226; E01H 2001/1233; E01H  
2001/128; E01H 2001/1286; E01H 2001/1293;  
E01H 2001/1273; E01H 2001/126  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

534,996 A \* 3/1895 Cundy ..... A63B 65/125  
473/511

1,664,658 A \* 4/1928 Blazer ..... B01D 29/27  
248/101

1,827,126 A \* 10/1931 Washburn ..... A47J 45/06  
210/471

2,064,696 A \* 12/1936 Smith ..... A01K 97/20  
224/406

2,066,439 A \* 1/1937 Wine ..... A01K 77/00  
43/12

2,421,740 A \* 6/1947 Birch, Jr. .... B65B 67/12  
248/101

2,457,922 A \* 1/1949 Robinson ..... A01K 77/00  
43/12

2,464,921 A \* 3/1949 Chandler ..... A47J 43/22  
160/395

2,583,987 A \* 1/1952 Baisor ..... A01K 77/00  
15/143.1

2,595,597 A \* 5/1952 Morseth ..... A01K 77/00  
16/429

2,653,403 A \* 9/1953 Oslund ..... A01K 77/00  
43/11

2,817,175 A \* 12/1957 Morris ..... A01K 77/00  
43/11

3,001,324 A \* 9/1961 Walker ..... A63H 33/02  
446/450

3,030,725 A \* 4/1962 Sandul ..... A01K 77/00  
43/12

3,052,226 A \* 9/1962 Woll ..... A63B 59/00  
273/119 R

3,077,693 A \* 2/1963 Wallin ..... A01K 77/00  
362/109

3,188,668 A \* 6/1965 Buckelew ..... E04H 4/1609  
15/1.7

3,220,037 A \* 11/1965 Ruhling ..... E04H 4/1609  
15/1.7

(Continued)

*Primary Examiner* — Susan Moon Lee

(74) *Attorney, Agent, or Firm* — Steven A. Nielsen;  
www.NielsenPatents.com

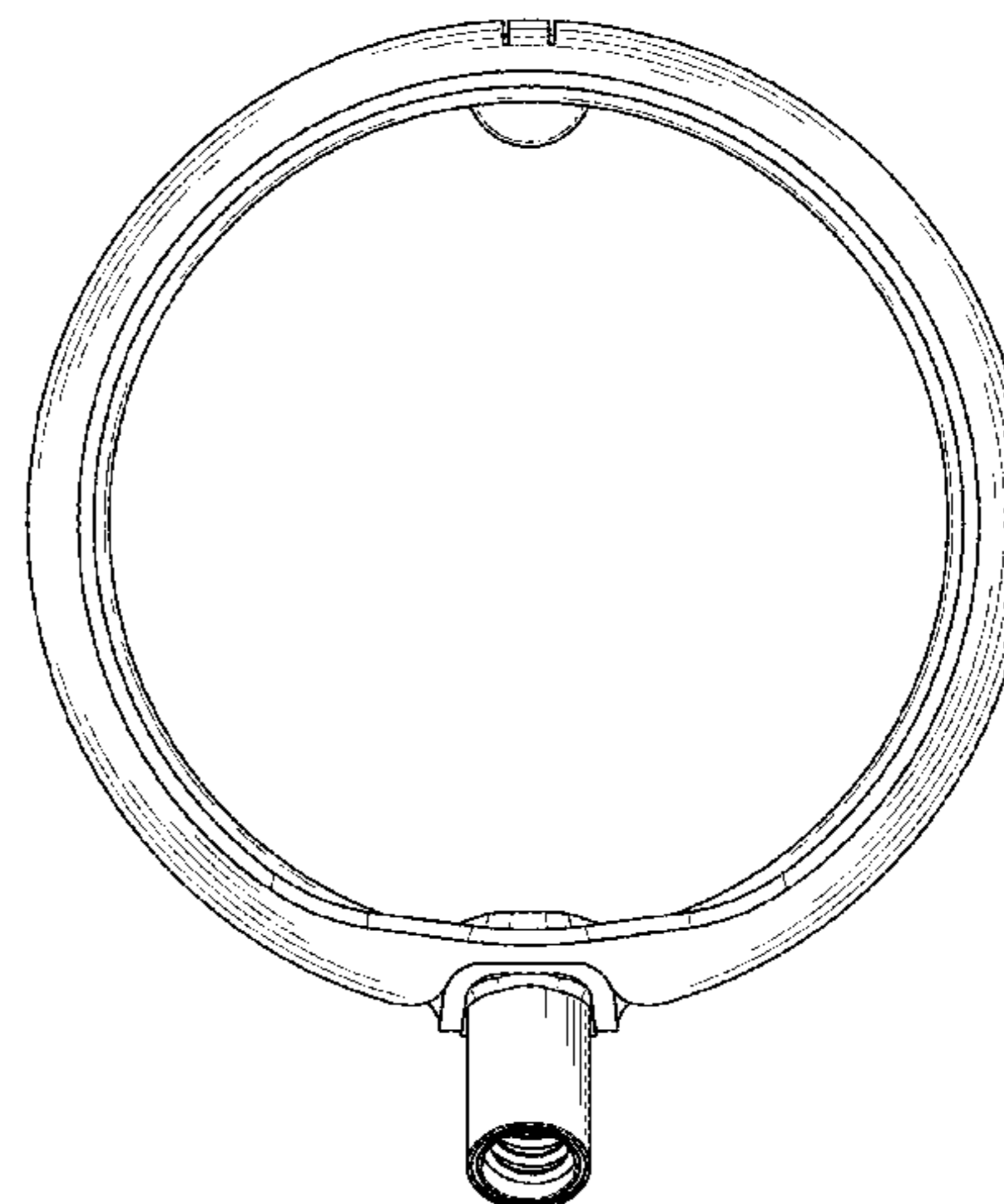
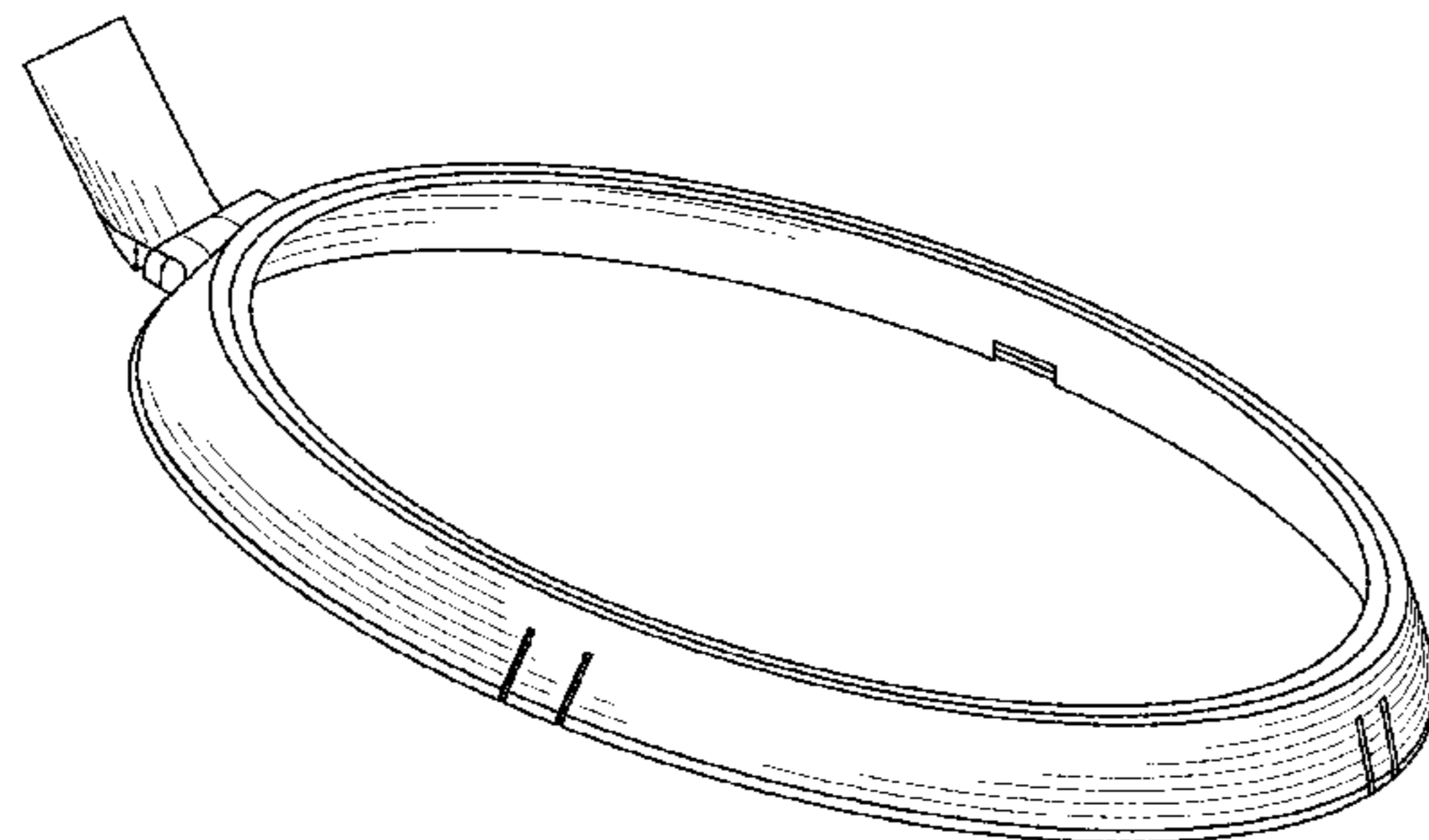
(57) **CLAIM**

The ornamental design for a waste collection device, as shown and described herein.

**DESCRIPTION**

FIG. 1 is a top and side perspective view of a waste collection device showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a back view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

**1 Claim, 3 Drawing Sheets**



(56)	References Cited				
	U.S. PATENT DOCUMENTS				
3,227,335	A *	1/1966	Minnema	.....	A47G 25/908 223/111
3,368,686	A *	2/1968	Petrik	.....	E04H 4/1609 15/1.7
3,467,855	A *	9/1969	Rance	.....	G01V 3/15 324/236
3,492,564	A *	1/1970	Baker, Jr.	.....	G01V 3/15 324/236
3,727,812	A *	4/1973	Weiss	.....	A47G 25/908 223/111
3,777,708	A *	12/1973	Vogt	.....	A01K 23/005 294/1.5
3,779,419	A *	12/1973	Heitz	.....	B65F 1/06 220/495.08
3,814,359	A *	6/1974	Powell	.....	B65B 67/12 248/215
3,823,365	A *	7/1974	Anderson	.....	G01V 3/107 324/236
3,856,679	A *	12/1974	Jackson	.....	E04H 4/1272 15/1.7
3,866,872	A *	2/1975	Burgess	.....	B65B 67/1272 248/101
3,872,831	A *	3/1975	Cassidy	.....	A01K 23/005 248/101
3,881,277	A *	5/1975	Delph	.....	A63H 33/02 446/450
3,883,052	A *	5/1975	Wilson	.....	A47G 25/905 223/111
3,893,649	A *	7/1975	Cornell	.....	B65F 1/06 248/101
3,916,962	A *	11/1975	Stolt	.....	B65B 67/1233 141/108
3,992,008	A *	11/1976	Watkin	.....	A63B 59/20 124/5
4,010,970	A *	3/1977	Campbell	.....	A01K 23/005 294/1.5
4,021,994	A *	5/1977	Mainprice	.....	B65B 67/1238 248/101
4,034,710	A *	7/1977	Carter	.....	A01K 77/00 119/203
D246,006	S *	10/1977	Burr	.....	D21/457
4,058,337	A *	11/1977	Isac	.....	E01H 1/1206 294/1.4
4,072,255	A *	2/1978	Bogorad	.....	A47G 25/905 223/111
4,103,953	A *	8/1978	Lachance	.....	A01K 23/005 294/1.4
4,123,056	A *	10/1978	Nakamatsu	.....	A63B 53/0487 473/234
4,146,259	A *	3/1979	Schultz	.....	E01H 1/1206 294/1.4
4,146,260	A *	3/1979	Carrington	.....	A01K 23/005 294/1.5
4,152,801	A *	5/1979	Lieber	.....	E04H 4/1609 15/1.7
4,156,400	A *	5/1979	Migdal	.....	A01K 23/005 119/161
4,193,623	A *	3/1980	Forsythe	.....	A01K 23/005 135/16
4,198,720	A *	4/1980	Matsumoto	.....	E04H 4/1609 15/1.7
D256,735	S *	9/1980	Denk	.....	D30/161
4,225,437	A *	9/1980	Woodard	.....	E04H 4/1609 15/1.7
4,236,741	A *	12/1980	Emme	.....	A01K 23/005 294/1.5
4,255,711	A *	3/1981	Thompson	.....	G01V 3/107 324/329
4,262,948	A *	4/1981	Emme	.....	A01K 23/005 294/1.5
4,290,606	A *	9/1981	Maxwell	.....	A63B 53/007 273/129 K
D263,512	S *	3/1982	Kawada	.....	294/1.4
4,323,847	A *	4/1982	Karbowski	.....	G01V 3/15 324/327
4,516,704	A *	5/1985	Hagman	.....	A47G 25/905 223/111
D290,416	S *	6/1987	Breuer	.....	294/1.3
4,759,519	A *	7/1988	Cheng	.....	B65B 67/1238 248/125.3
4,800,667	A *	1/1989	Johnson	.....	A01K 77/00 43/11
4,852,924	A *	8/1989	Ines	.....	A01K 23/005 294/1.5
4,894,617	A *	1/1990	Urbani	.....	G01V 3/15 324/239
4,913,677	A *	4/1990	Brasier	.....	A63H 33/02 446/453
4,932,150	A *	6/1990	Sher	.....	A01K 77/00 43/11
5,082,219	A *	1/1992	Blair	.....	B65F 1/1415 141/390
D324,441	S *	3/1992	Werner	.....	D34/5
5,099,597	A *	3/1992	Whistle	.....	A01K 77/00 43/11
5,131,704	A *	7/1992	Li	.....	A01K 23/005 294/1.4
D334,888	S *	4/1993	Merritt	.....	D30/124
D336,704	S *	6/1993	Foden	.....	D30/118
5,224,703	A *	7/1993	Osher	.....	A63B 59/20 124/20.1
D340,752	S *	10/1993	Flynn	.....	D21/722
5,370,434	A *	12/1994	Kellett	.....	B65H 75/364 242/405.3
D360,918	S *	8/1995	Carlson	.....	D21/721
5,442,875	A *	8/1995	Brundage	.....	A01K 77/00 43/11
5,473,786	A *	12/1995	Resh	.....	E04H 4/1609 15/1.7
D365,913	S *	1/1996	Ballard	.....	D2/641
D374,110	S *	9/1996	Hull	.....	294/1.4
5,562,319	A *	10/1996	Kohler	.....	E01H 1/1206 294/1.4
5,588,622	A *	12/1996	Gordon, Sr.	.....	B65B 67/1238 24/30.5 R
5,634,678	A *	6/1997	Bailey	.....	A01K 23/005 294/1.5
5,641,138	A *	6/1997	Cronk	.....	B65B 67/1233 242/597.8
5,683,129	A *	11/1997	Jensen	.....	A01K 23/005 294/1.5
5,696,490	A *	12/1997	Maloney	.....	G01V 3/12 250/341.4
5,718,469	A *	2/1998	Ockerman	.....	E01H 1/1206 248/101
D396,079	S *	7/1998	Coon	.....	D21/722
5,778,826	A *	7/1998	Dillon	.....	A01K 29/00 119/717
5,779,290	A *	7/1998	Wilke	.....	A01K 23/005 294/1.5
5,825,298	A *	10/1998	Walter	.....	G01C 15/04 324/329
5,840,188	A *	11/1998	Kirsgalvis	.....	B01D 29/23 210/448
5,858,221	A *	1/1999	Conrad	.....	E04H 4/1609 15/1.7
5,971,452	A *	10/1999	Marymor	.....	A01K 23/005 294/1.5
D417,320	S *	11/1999	Nunez	.....	D30/162
6,032,399	A *	3/2000	DePoe	.....	A01K 77/00 43/12
6,067,942	A *	5/2000	Fernandez	.....	A01K 15/003 119/802
6,116,194	A *	9/2000	Komarnitskiy	.....	A01K 23/005 119/867
6,119,629	A *	9/2000	Sicchio	.....	A01K 1/0121 119/162
6,149,214	A *	11/2000	Kipka	.....	A01K 23/005 294/1.5
6,158,395	A	12/2000	Bauklon		
6,260,302	B1 *	7/2001	Blaschke	.....	A01K 77/00 43/12
6,333,631	B1 *	12/2001	Das	.....	F41H 11/12 250/392



(56)

References Cited

U.S. PATENT DOCUMENTS

6,386,606 B1	5/2002	Marshall		8,882,164 B1 *	11/2014	Lo	A01K 23/005
D460,625 S *	7/2002	Wright	D4/116				294/1.5
6,416,023 B1 *	7/2002	Satsky	B65B 67/12	9,034,181 B1 *	5/2015	Robinson	E04H 4/16
			248/99				210/167.1
6,488,242 B1 *	12/2002	Barriere	B65B 67/1233	9,041,401 B2 *	5/2015	Andel	G01V 3/15
			248/100				324/326
6,517,034 B1 *	2/2003	Kinchen	B65B 67/1238	9,045,914 B2 *	6/2015	Van Der Meijden	B25G 1/04
			248/100	D745,145 S *	12/2015	Bivens	D24/128
6,541,965 B1 *	4/2003	Binder	G01V 3/104	D756,247 S *	5/2016	Pollock	D10/47
			324/232	2002/0053807 A1 *	5/2002	Clements	A01K 23/005
6,554,335 B1 *	4/2003	Kelly	A01K 23/005				294/1.5
			294/15	2002/0096895 A1 *	7/2002	McCarthy	A01K 23/005
6,688,562 B1 *	2/2004	Harvey	B65B 67/1233				294/1.5
			248/99	2002/0140240 A1 *	10/2002	Charette	A01K 23/005
D488,602 S *	4/2004	Pecci	D32/35				294/1.5
D492,825 S *	7/2004	Pecci	D32/35	2003/0155783 A1 *	8/2003	Hsu	B65B 51/043
6,908,216 B2 *	6/2005	Love	A01K 75/02				294/214
			362/191	2004/0201232 A1 *	10/2004	Borman	A01K 23/005
D507,027 S *	7/2005	Hale, Jr.	D21/722				294/1.5
6,942,264 B1	9/2005	Mendez		2005/0062476 A1 *	3/2005	Stamatescu	G01V 3/15
D515,261 S *	2/2006	Henson	D22/135				324/327
7,011,278 B1 *	3/2006	Baldwin, III	B65B 67/1238	2006/0001281 A1 *	1/2006	Hubert	A01K 23/005
			15/257.1				294/1.5
7,090,268 B2	8/2006	Borman		2006/0157995 A1 *	7/2006	Cafferty	A01K 23/005
7,128,352 B1 *	10/2006	Phippen	A01K 23/005				294/1.5
			119/161	2006/0232083 A1 *	10/2006	Kamenkovich	A01K 23/005
D533,792 S *	12/2006	Johnson	D10/47				294/1.5
D537,893 S *	3/2007	Freeland	D21/722	2006/0237977 A1 *	10/2006	Krieger	E01H 1/1206
7,194,774 B2 *	3/2007	Bergstrom	B05B 17/085				294/1.4
			239/18	2007/0029828 A1 *	2/2007	Pilas	A01K 23/005
7,244,201 B2 *	7/2007	Hale	A63B 67/002				294/1.5
			273/129 R	2007/0176444 A1 *	8/2007	Pilas	A01K 23/005
7,258,076 B1 *	8/2007	Gantt	A01K 1/011				294/1.5
			119/161	2007/0222240 A1 *	9/2007	Sherman	A01K 23/005
7,267,381 B2	9/2007	Cafferty et al.					294/1.5
7,269,921 B2 *	9/2007	Lee	A01K 77/00	2008/0017121 A1 *	1/2008	Mauro	A01K 27/006
			43/12				119/161
7,287,790 B1 *	10/2007	Kitiashvili	E01H 1/1206	2008/0116704 A1 *	5/2008	Botello	A01K 23/005
			294/1.4				294/1.5
D564,518 S *	3/2008	Vandaele	D14/230	2008/0179522 A1 *	7/2008	Vallon	G01T 1/167
7,395,629 B1 *	7/2008	Thomas	A01K 77/00				250/336.1
			43/11	2008/0297158 A1 *	12/2008	Heger	G01V 3/107
D587,412 S *	2/2009	Oka	D30/162				324/326
D592,981 S *	5/2009	Chuan	D10/47	2009/0096227 A1	4/2009	Pender	
D613,915 S *	4/2010	Plotkin	D30/162				
D617,061 S *	6/2010	Su	D30/162	2009/0102211 A1 *	4/2009	Antar	A01K 23/005
7,753,053 B2 *	7/2010	Dillon	A01K 15/003				294/1.3
			119/717	2009/0102212 A1 *	4/2009	Casper	A01K 23/005
7,854,455 B2	12/2010	Ruscil et al.					294/1.4
7,891,132 B2 *	2/2011	Hetzner	A01K 77/00	2010/0072765 A1 *	3/2010	Granado	A01K 23/005
			210/238				294/1.4
D638,183 S *	5/2011	Rossano	D32/35	2011/0057463 A1	3/2011	Chen	
7,934,337 B1 *	5/2011	Lambert	A01K 77/00				
			43/11	2011/0290956 A1 *	12/2011	Saue	B65B 67/1233
7,975,655 B2 *	7/2011	Piaget	A01K 15/025				248/99
			119/51.01	2012/0049548 A1	3/2012	Williams	
D645,216 S *	9/2011	Silas	D30/162				
8,123,266 B1 *	2/2012	Jone	A01K 23/005	2012/0223537 A1 *	9/2012	Yip	A01K 23/005
			294/1.4				294/1.5
D662,268 S *	6/2012	Pearcey	D30/162	2013/0009412 A1 *	1/2013	Powell	A01K 23/005
8,469,418 B2 *	6/2013	Dougherty	A01K 23/005				294/1.5
			119/161	2013/0249224 A1 *	9/2013	Ng	E01H 1/1206
8,511,728 B2	8/2013	Beaton					294/1.4
8,534,726 B2 *	9/2013	Bulatao	A63B 47/002	2014/0033983 A1 *	2/2014	Beatrez	A01K 1/0107
			294/19.2				119/161
8,544,907 B2	10/2013	Powell		2015/0216143 A1 *	8/2015	Christlieb	A01K 23/005
8,631,810 B2 *	1/2014	Blood	A45B 9/04				294/1.5
			135/66	2015/0234079 A1 *	8/2015	Loubet	G01V 3/17
8,684,429 B1 *	4/2014	Holub	E01H 1/1206				324/329
			294/1.4	2015/0253448 A1 *	9/2015	Cheng	G01V 3/08
8,740,274 B1 *	6/2014	Dugas	B65B 67/1233				324/329
			294/214	2015/0313188 A1 *	11/2015	Seller	A01K 23/005
							294/1.3
				2016/0029600 A1 *	2/2016	Wang	A01K 23/005
							294/1.5
				2016/0050885 A1 *	2/2016	Brasuel	A01K 23/005
							294/1.5
				2016/0091629 A1 *	3/2016	Deng	G01V 3/38
							324/329

\* cited by examiner

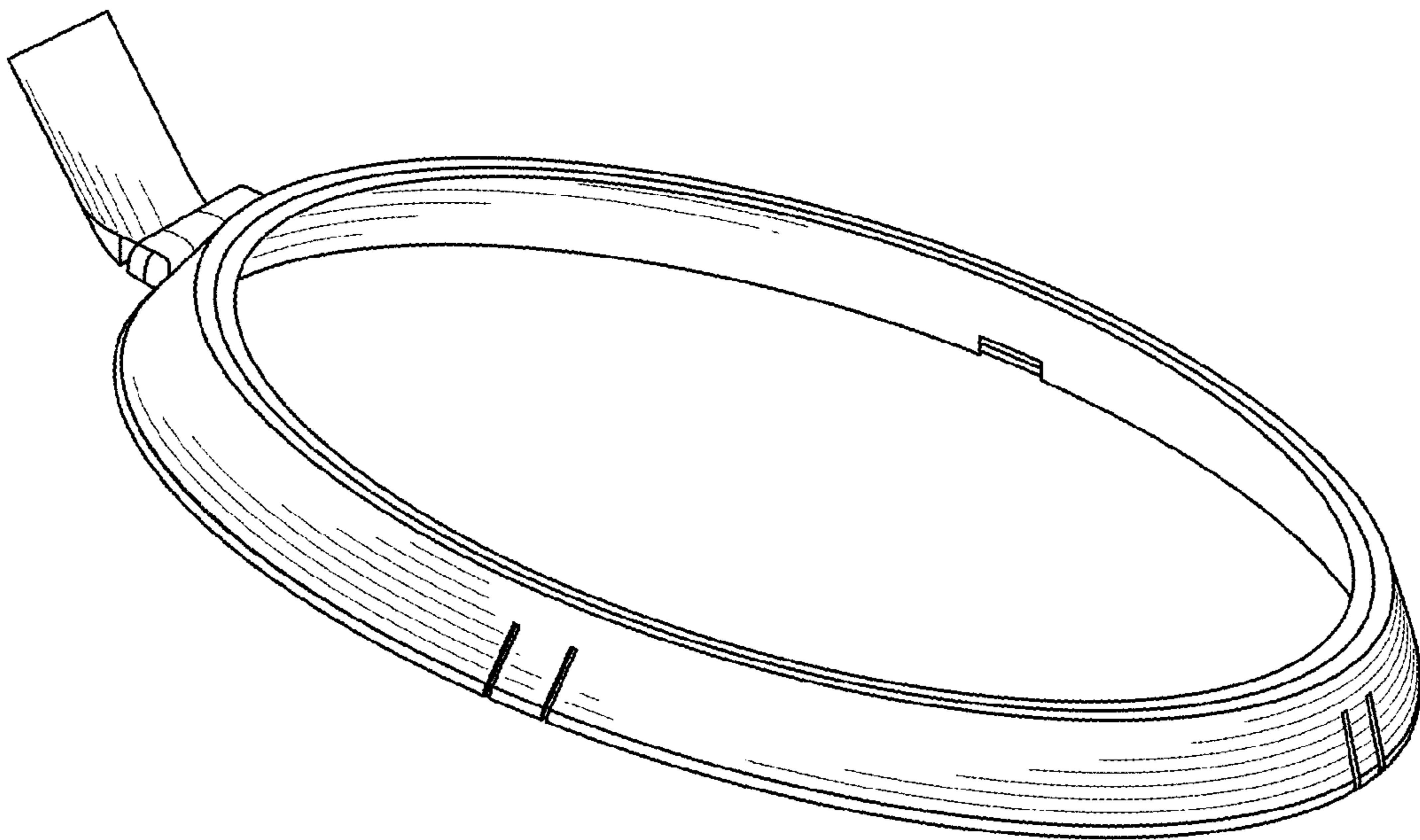


FIG. 1

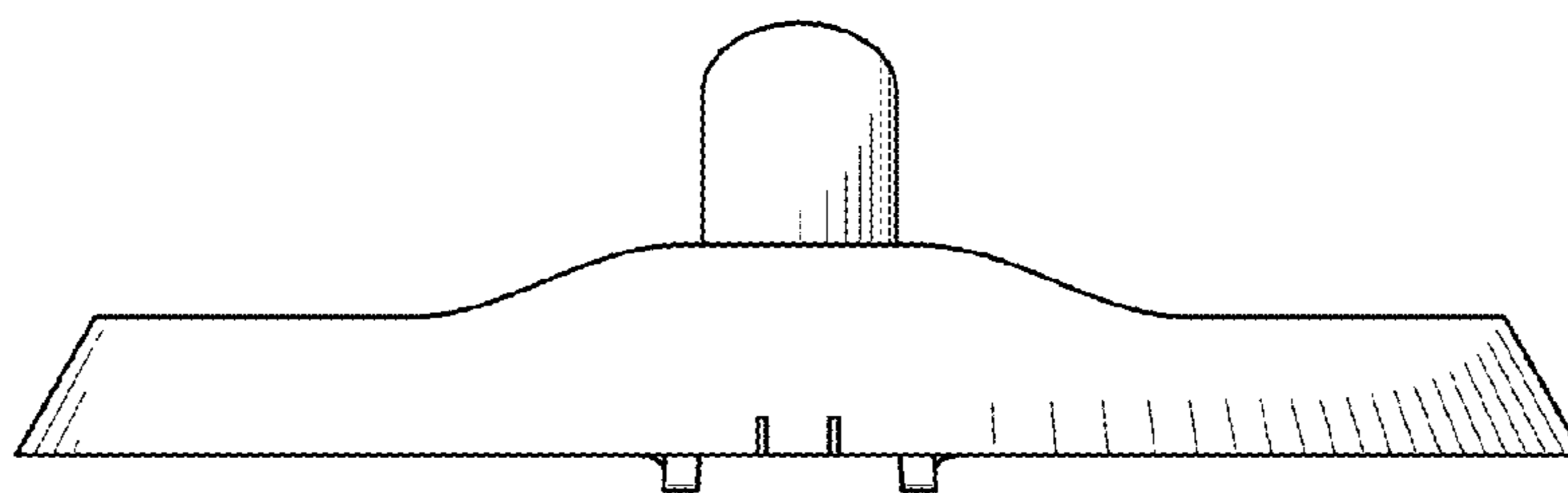


FIG. 2

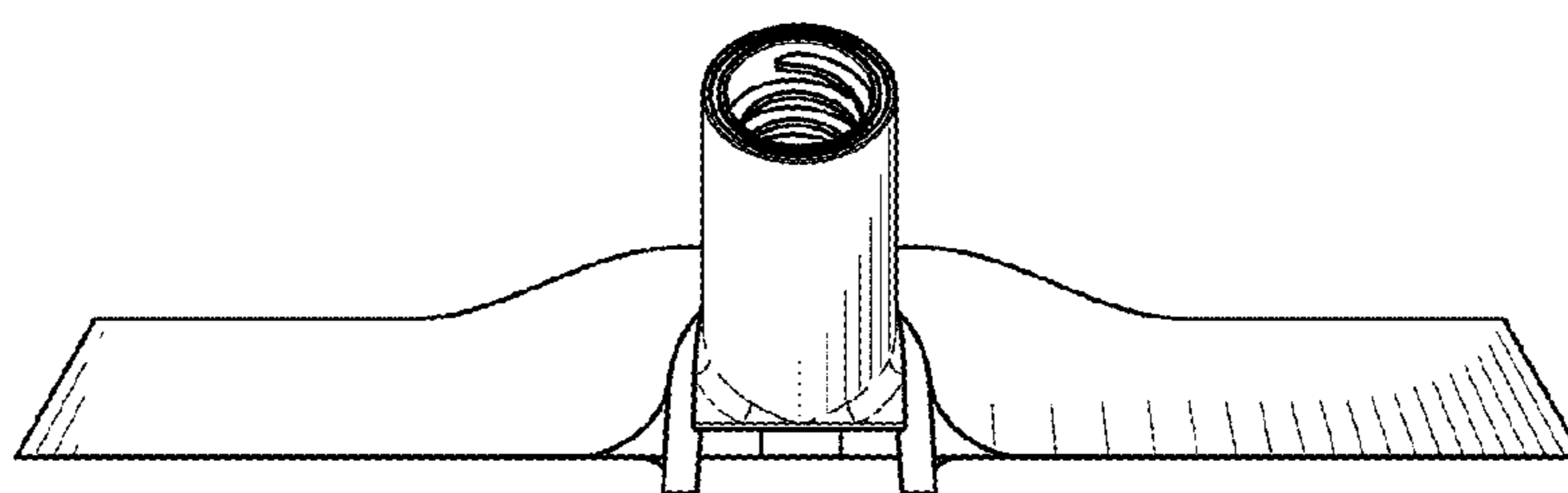


FIG. 3

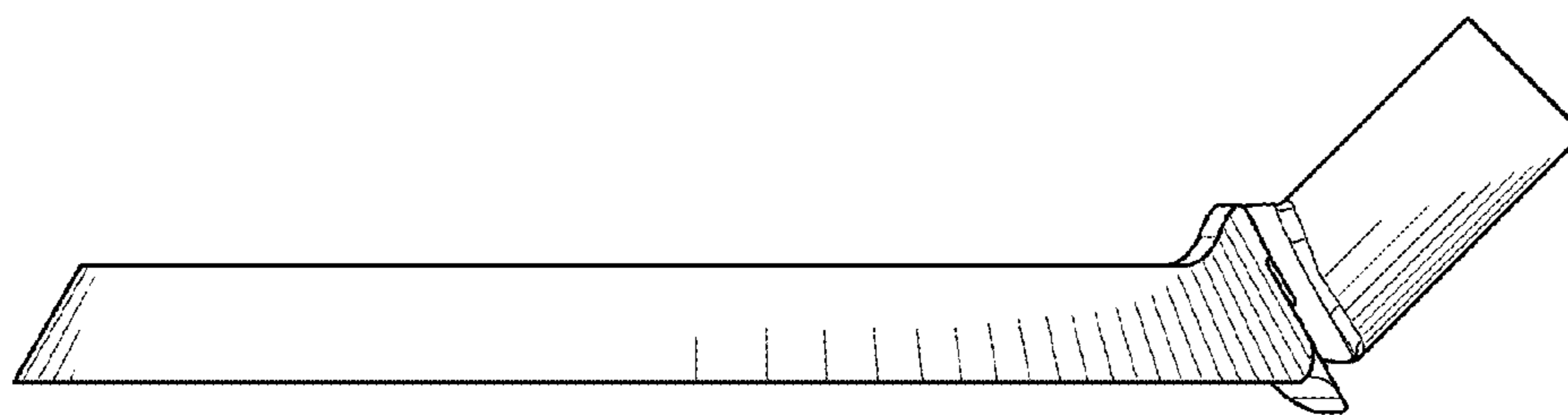


FIG. 4

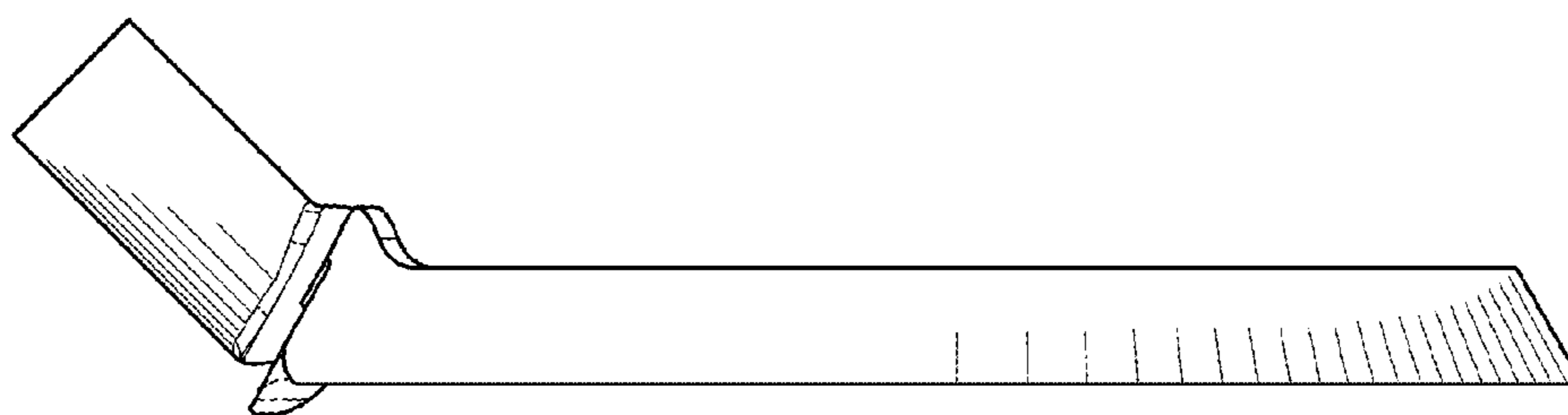


FIG. 5



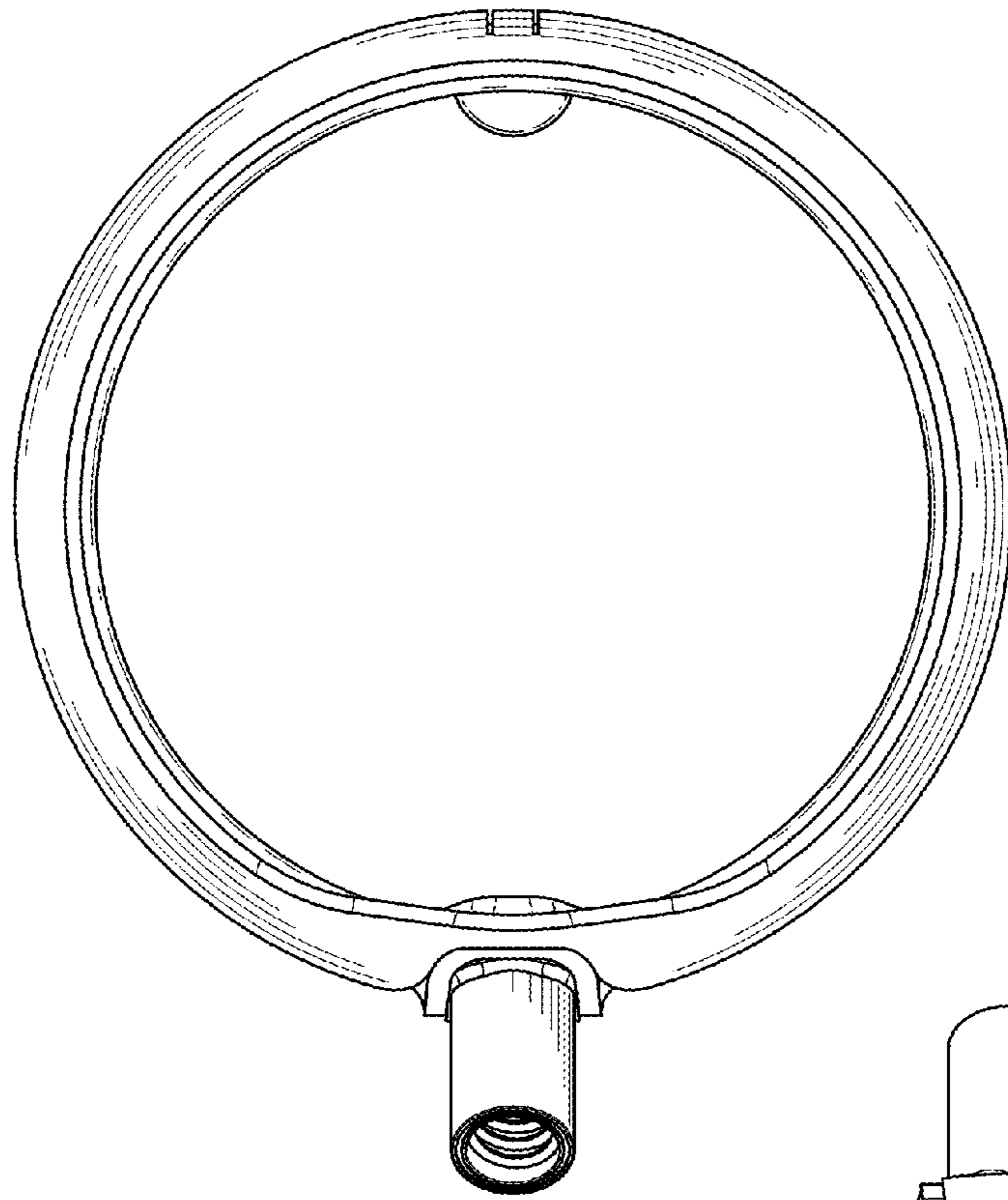


FIG. 6

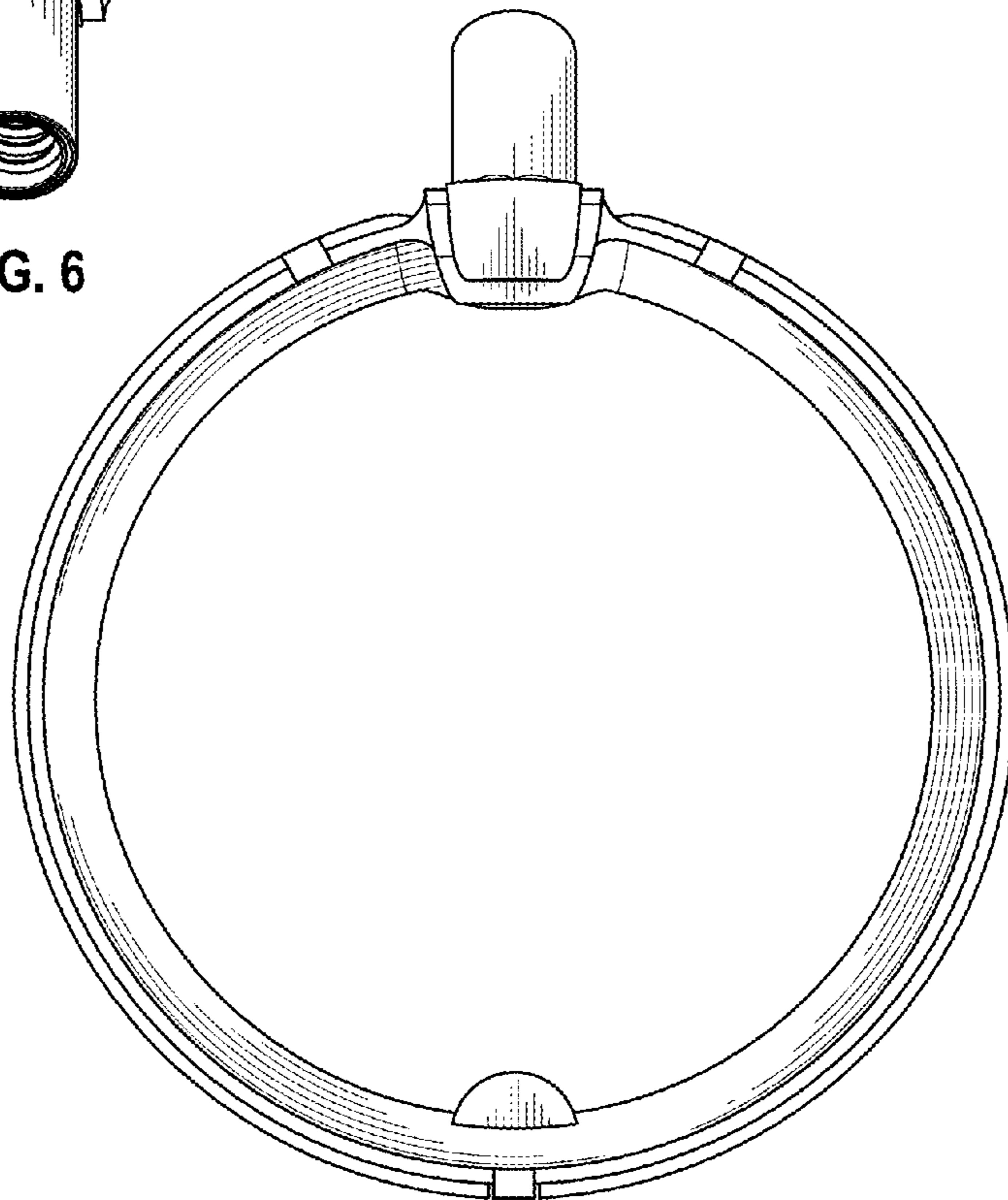


FIG. 7