

US00D846382S

(12) **United States Design Patent** (10) **Patent No.:** **US D846,382 S**
Prater et al. (45) **Date of Patent:** **** Apr. 23, 2019**

(54) **CONTAINER BASE**

(71) Applicant: **S. C. Johnson & Son, Inc.**, Racine, WI (US)

(72) Inventors: **Rodney L. Prater**, Oak Creek, WI (US); **Christopher P. Wolak**, Racine, WI (US); **Nathaniel Jiang**, Chicago, IL (US); **Kimberly J. Harris**, Milwaukee, WI (US)

(73) Assignee: **S. C. Johnson & Son, Inc.**, Racine, WI (US)

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

(21) Appl. No.: **29/599,964**

(22) Filed: **Apr. 7, 2017**

Related U.S. Application Data

(63) Continuation of application No. 29/546,826, filed on Nov. 25, 2015, now Pat. No. Des. 821,203, which is a continuation-in-part of application No. 29/540,166, filed on Sep. 21, 2015, now Pat. No. Des. 821,202.

(51) **LOC (11) Cl.** **09-07**

(52) **U.S. Cl.**
USPC **D9/434**

(58) **Field of Classification Search**
USPC D9/455, 500-501, 503-505, 516-517, D9/521, 530, 537, 539, 545, 549, 558, D9/682, 686, 688-691, 715, 719, 434; D24/197, 224
CPC B65D 1/00; B65D 1/02; B65D 1/0223; B65D 23/00; B65D 23/001; B65D 23/08; B65D 23/0885; B65D 81/00; B65D 2501/00; B65D 2501/0009
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D68,500 S	10/1925	Stevens
D68,842 S	11/1925	Heyer
D74,068 S	12/1927	Mas
D76,287 S	9/1928	Copple
D79,732 S	10/1929	McFadden
D79,912 S	11/1929	Shields
D124,535 S	1/1941	McQuaid et al.
D165,072 S	11/1951	Heilig
2,783,091 A	2/1957	Haldy
2,832,981 A	5/1958	Breuhan
D195,701 S	7/1963	Chermayeff
3,118,573 A	1/1964	Krogsdale

(Continued)

FOREIGN PATENT DOCUMENTS

CA	104608 S	1/2005
CA	122506 S	1/2009

(Continued)

Primary Examiner — Dana Meyrow

(74) *Attorney, Agent, or Firm* — Quarles and Brady LLP

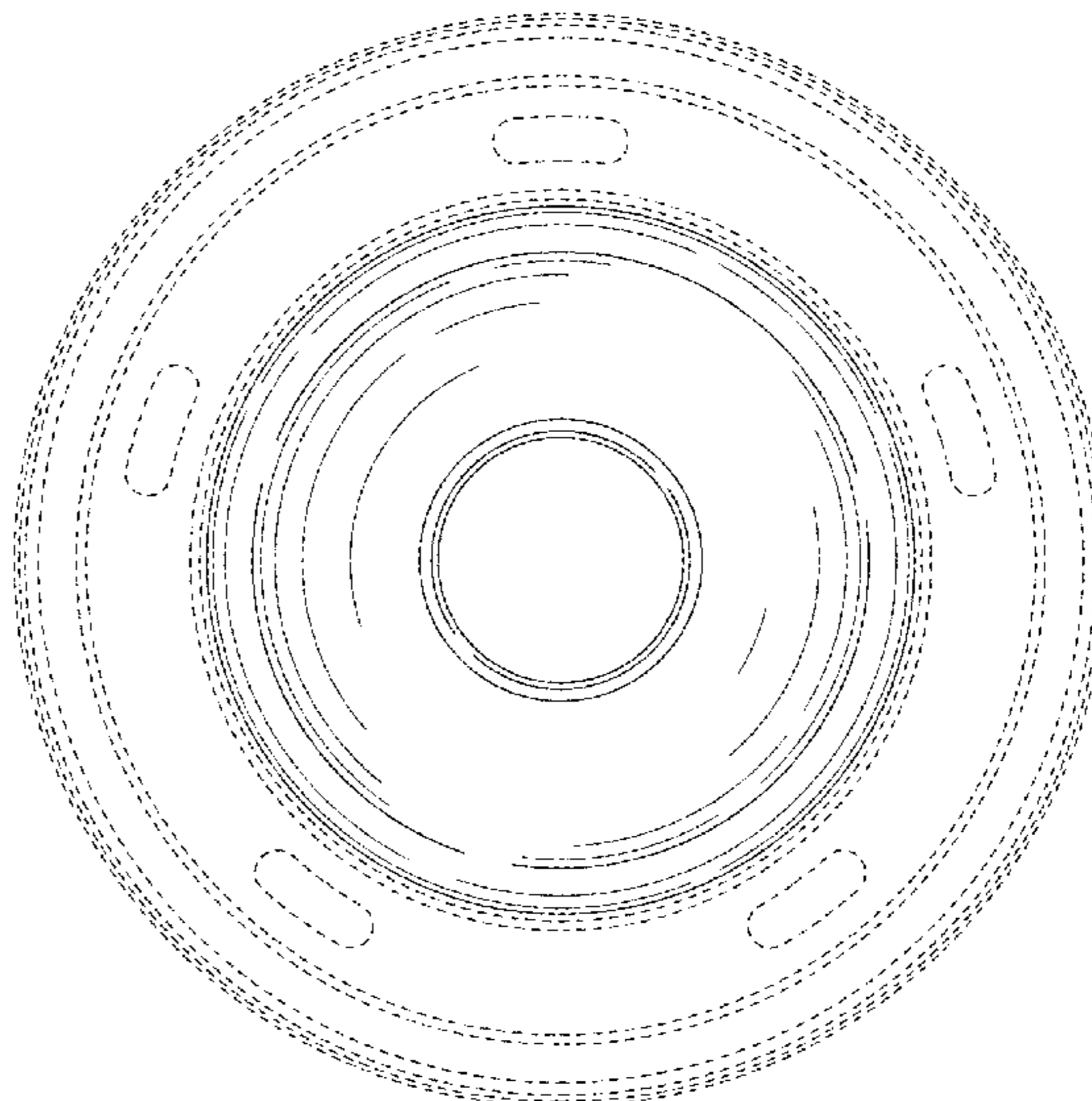
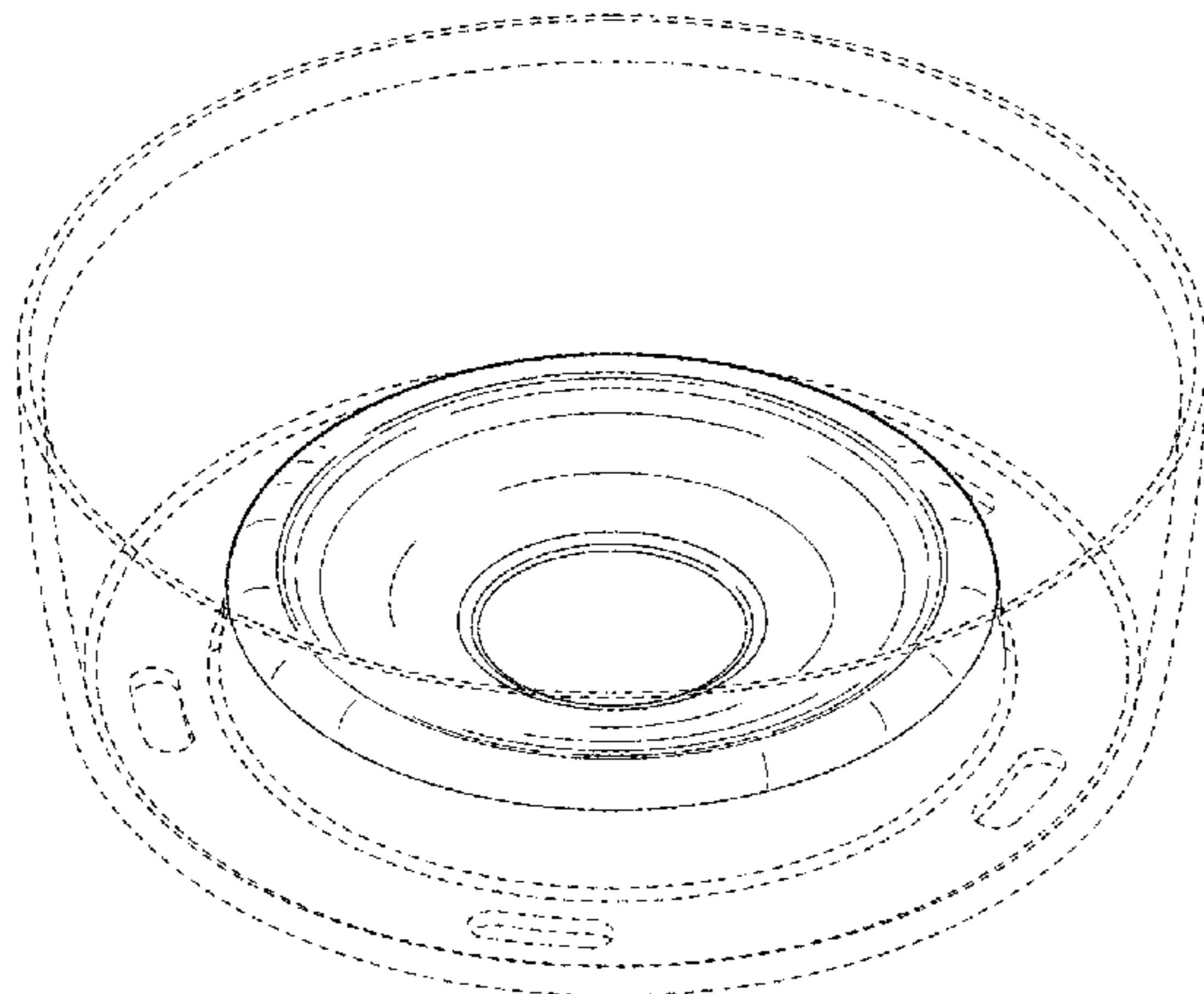
(57) **CLAIM**

The ornamental design for a container base, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of a top and front side of an ornamental design for a container base; FIG. 2 is a top plan view of the container base of FIG. 1; FIG. 3 is a bottom plan view of the container base of FIG. 1; and, FIG. 4 is an isometric view of a bottom and front side of the container base of FIG. 1. The dash-dash-dash-dash lines are included for the purpose of illustrating portions of the container base that form no part of the claimed design. The dot-dash broken lines in the drawings define the bounds of the claim and form no part thereof.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,482,724 A *	12/1969	Heaton	.....	B65D 23/001	D365,990 S	1/1996	McSwiggan et al.
				215/10	D369,747 S	5/1996	Groth et al.
3,616,032 A *	10/1971	Kugler	.....	B01J 3/04	D378,802 S	4/1997	Corcoran
				156/286	D390,117 S	2/1998	Kan et al.
3,651,993 A	3/1972	Venus			D392,186 S	3/1998	Smith
3,675,831 A	7/1972	Beres			D392,558 S	3/1998	Monaghan
3,722,725 A *	3/1973	Khetani	.....	B65D 23/001	5,722,568 A	3/1998	Smith
				215/12.1	5,762,322 A	6/1998	Smith
3,738,536 A	6/1973	Gach			D396,638 S	8/1998	Demarest
3,747,807 A	7/1973	Gach			5,873,496 A	2/1999	Montaner et al.
3,773,227 A	11/1973	Laing			D406,763 S	3/1999	Watkins et al.
3,779,427 A	12/1973	Ewald			D409,916 S	5/1999	Houghton et al.
D229,824 S *	1/1974	Erickson	.....	D9/434	D414,113 S	9/1999	Thatcher
3,804,302 A	4/1974	Yamada			D414,416 S	9/1999	Watkins
3,927,782 A *	12/1975	Edwards	.....	B65D 23/001	6,006,957 A	12/1999	Kunesh
				215/372	D421,384 S	3/2000	Herrmann
4,011,970 A	3/1977	Crowle et al.			D423,356 S	4/2000	Mineau et al.
D244,431 S	5/1977	Butcher			D424,925 S	5/2000	Lamb
D246,893 S	1/1978	Eron			D432,022 S	10/2000	Meeker et al.
4,082,200 A *	4/1978	Guest	.....	B65D 23/001	6,126,044 A	10/2000	Smith
				215/12.1	D433,624 S	11/2000	Negre
4,138,026 A *	2/1979	Conklin	.....	B29C 63/423	D434,975 S	12/2000	Risch
				215/12.2	D436,038 S	1/2001	Ruiz de Gopegui
D254,357 S *	3/1980	Fehn	.....	D9/501	D436,039 S	1/2001	Moretti
D255,549 S	6/1980	Kirk, Jr.			D437,212 S	2/2001	Adachi et al.
D255,550 S	6/1980	Kirk, Jr.			D438,098 S	2/2001	Krunas
4,241,839 A *	12/1980	Alberghini	.....	B65D 23/001	D438,785 S	3/2001	Baron
				215/12.1	6,196,423 B1	3/2001	Erxleben
D259,768 S *	7/1981	Banasiak, Jr.	.....	D9/505	D445,328 S	7/2001	Boussiquet et al.
4,367,820 A *	1/1983	Yoshino	.....	B65D 23/001	D451,021 S	11/2001	Berge et al.
				215/12.1	D451,377 S	12/2001	Johnson et al.
4,436,216 A *	3/1984	Chang	.....	B65D 23/001	6,338,425 B1	1/2002	Berge et al.
				215/376	6,378,742 B1	4/2002	Rohr et al.
4,438,856 A *	3/1984	Chang	.....	B65D 23/001	6,398,082 B2	6/2002	Clark et al.
				215/10	D462,009 S	8/2002	Poisson et al.
D274,499 S	7/1984	Soos			D464,874 S	10/2002	Tune et al.
D277,648 S	2/1985	Jones			D465,149 S	11/2002	Bennett et al.
4,552,275 A *	11/1985	Chang	.....	B65D 23/001	D467,165 S	12/2002	DeSimone
				215/372	6,510,967 B1	1/2003	DeSimone
4,573,597 A *	3/1986	Adams	.....	B65D 23/001	D470,051 S	2/2003	Bloom et al.
				215/372	RE38,077 E	4/2003	Cohen et al.
D283,308 S *	4/1986	Oakley	.....	D9/501	D474,403 S	5/2003	Fahy et al.
4,609,418 A *	9/1986	Yoshino	.....	B29C 65/7858	D481,316 S	10/2003	Hook
				156/294	D483,263 S	12/2003	Carter et al.
D291,782 S	9/1987	ONeil, Jr. et al.			D487,696 S	3/2004	Sonneman
4,690,312 A	9/1987	Crapser et al.			6,708,852 B2	3/2004	Blake
D292,889 S	11/1987	Ostrowsky			D489,612 S	5/2004	Kostow
D293,214 S	12/1987	Crapser			D489,628 S	5/2004	Bakic
4,746,035 A	5/1988	Anderson et al.			D492,603 S	7/2004	Rashid
D301,773 S	6/1989	Murakami et al.			6,758,373 B2	7/2004	Jackson
D302,389 S	7/1989	Pardo			D494,064 S	8/2004	Hook
D308,994 S	7/1990	Norman et al.			D494,065 S	8/2004	Hook
D309,860 S	8/1990	Fossati			D497,795 S	11/2004	Fling et al.
D310,028 S *	8/1990	Brandt	.....	D9/434	D497,808 S	11/2004	Morris et al.
D310,723 S	9/1990	Su			6,817,488 B2	11/2004	Meshberg
D311,494 S	10/1990	Zinnbauer			6,820,823 B2	11/2004	Parsons et al.
D314,917 S	2/1991	Thompson			D501,794 S	2/2005	Kunesh et al.
D315,292 S	3/1991	Seager			6,869,026 B2	3/2005	McKenzie et al.
D316,675 S	5/1991	Cramer			6,874,664 B1	4/2005	Montgomery
5,027,982 A	7/1991	Demarest			6,886,708 B2	5/2005	Kaufman et al.
D319,588 S	9/1991	Beck			D506,389 S	6/2005	Geier
D322,392 S	12/1991	Schneider et al.			6,908,017 B2	6/2005	Mineau et al.
D323,117 S	1/1992	Demarest			D507,182 S	7/2005	Maddy
D325,348 S	4/1992	Bishop et al.			D507,487 S	7/2005	Marroncles
D327,003 S	6/1992	Schneider et al.			6,921,004 B1	7/2005	Knickerbocker
D334,705 S	4/1993	Pereira et al.			D508,208 S	8/2005	Ozaki et al.
D338,395 S	8/1993	Luker			D509,139 S	9/2005	Healy et al.
D347,571 S	6/1994	Wacker			6,945,471 B2	9/2005	McKenzie et al.
D348,217 S	6/1994	Le Prince			D510,267 S	10/2005	Miller et al.
D352,901 S	11/1994	Ufferfilge et al.			D510,864 S	10/2005	Morris et al.
D354,439 S	1/1995	Kuplien			D510,865 S	10/2005	Geier
5,441,178 A	8/1995	Wysocki			D512,646 S	12/2005	Py et al.
D362,990 S	10/1995	Losordo			D513,986 S	1/2006	Healy et al.
D365,020 S	12/1995	Dinand			D514,934 S	2/2006	Hook
					D516,909 S	3/2006	Bloc
					D516,923 S	3/2006	Moore
					D521,386 S	5/2006	Priestman
					7,036,691 B2	5/2006	Nicolas
					D522,372 S	6/2006	Wang et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

D525,143 S	7/2006	Blasko et al.	8,109,415 B2	2/2012	Tu
7,070,069 B2	7/2006	Ho	D655,620 S	3/2012	van Dulleman et al.
D529,382 S	10/2006	Mineau	8,127,968 B2	3/2012	Yerby et al.
D530,609 S	10/2006	Beaver et al.	D658,063 S	4/2012	Simmons et al.
D531,503 S	11/2006	Beaver et al.	D658,071 S	4/2012	Lanz
D532,692 S	11/2006	Cornet et al.	8,225,966 B2	7/2012	Canfield et al.
D532,698 S	11/2006	Pridmore et al.	D665,267 S	8/2012	Dittmer et al.
D536,969 S	2/2007	Geier	D666,491 S	9/2012	Adams et al.
7,178,694 B2	2/2007	Costa et al.	D666,908 S	9/2012	Dabah et al.
D538,651 S	3/2007	Nukuto et al.	D667,726 S	9/2012	Bloc
D541,661 S	5/2007	Wang et al.	8,276,832 B2	10/2012	Nelson et al.
7,222,754 B2	5/2007	Ho	D671,004 S	11/2012	Kelly et al.
D555,505 S	11/2007	Brandt	D673,452 S	1/2013	Handy
D557,606 S	12/2007	Rashid	8,381,951 B2	2/2013	Helf et al.
D562,681 S	2/2008	Blasko et al.	D678,071 S	3/2013	Handy
D564,876 S	3/2008	Nickel et al.	8,403,184 B2	3/2013	Eberhardt et al.
D566,550 S	4/2008	Jacobs	D679,607 S	4/2013	Park et al.
D567,666 S	4/2008	Hessmer et al.	D680,443 S	4/2013	You
D568,743 S	5/2008	Kunesh et al.	8,418,892 B2	4/2013	Geier
D569,735 S	5/2008	ODonahue	D681,475 S	5/2013	Park
D572,586 S	7/2008	Medema	D682,709 S	5/2013	Wang
D573,035 S	7/2008	Dean	D683,238 S	5/2013	You
7,392,956 B2	7/2008	McKenzie et al.	8,439,223 B2 *	5/2013	Smith B65D 23/001 215/376
D575,153 S	8/2008	Caroen et al.	8,439,232 B2	5/2013	Laidler et al.
D575,640 S	8/2008	Alaama et al.	8,490,837 B2	7/2013	Michaux et al.
D576,039 S	9/2008	Bradley et al.	8,496,137 B2	7/2013	Alfaro et al.
D584,960 S	1/2009	Sherwood	8,505,781 B2	8/2013	Crawford et al.
D584,961 S	1/2009	Yakoby	8,517,227 B2	8/2013	Strand et al.
D585,761 S	2/2009	Oates	8,550,306 B2	10/2013	Angus et al.
7,487,891 B2	2/2009	Yerby et al.	D696,140 S	12/2013	Servaire
7,510,102 B2	3/2009	Schmitt	8,602,266 B2	12/2013	Canfield et al.
D591,166 S	4/2009	Bradley et al.	D700,060 S	2/2014	Trevisan
D594,346 S	6/2009	Mouquet	D702,130 S	4/2014	Handy
7,543,724 B2	6/2009	Brunner et al.	D702,131 S	4/2014	Handy
D596,940 S	7/2009	Eigenstetter	D704,069 S	5/2014	Handy
D596,942 S	7/2009	Britto	8,746,504 B2	6/2014	Beland et al.
D596,950 S	7/2009	Nevins et al.	D710,203 S	8/2014	Becker et al.
D599,665 S	9/2009	Campbell	D710,699 S	8/2014	Phelps
D601,429 S	10/2009	Handy	D712,267 S	9/2014	Handy
D603,708 S	11/2009	Handy	D715,154 S	10/2014	Kalyanpur et al.
D604,180 S	11/2009	Nevins et al.	8,875,951 B2	11/2014	Houser
D608,645 S	1/2010	Handy et al.	8,881,956 B2	11/2014	Ganan-Calvo et al.
D609,109 S	2/2010	Gieske et al.	D718,625 S	12/2014	Trevisan
D610,910 S	3/2010	Simmons et al.	D719,458 S	12/2014	Handy
D610,915 S	3/2010	Conway et al.	8,925,833 B2	1/2015	Ki et al.
D614,032 S	4/2010	Handy	D724,898 S *	3/2015	Willat D7/523
7,699,190 B2	4/2010	Hygema	8,967,436 B2	3/2015	Andersen et al.
7,703,642 B2	4/2010	Scott	8,978,933 B2	3/2015	Muller et al.
D615,404 S	5/2010	Pitzer et al.	8,978,936 B2	3/2015	Eini et al.
D615,874 S	5/2010	Nagata	8,978,937 B2	3/2015	Chambers et al.
7,731,062 B2	6/2010	Groys	D727,727 S	4/2015	Fily
D619,004 S	7/2010	Fallat, II et al.	D727,741 S	4/2015	Handy
D619,008 S	7/2010	Handy et al.	8,998,041 B2	4/2015	Strand
7,757,905 B2	7/2010	Strand et al.	9,061,795 B2 *	6/2015	Girardot B65D 23/001
7,784,645 B2	8/2010	Carta	9,061,816 B2	6/2015	Best et al.
7,784,647 B2	8/2010	Tourigny	D735,052 S	7/2015	Hwang
7,789,278 B2	9/2010	Ruiz de Gopegui et al.	D737,149 S	8/2015	Son
D625,197 S	10/2010	Bainton	9,120,109 B2	9/2015	Ganan-Calvo et al.
D627,603 S	11/2010	Eyal	D743,798 S	11/2015	Staab
D628,066 S	11/2010	Costa Quintas	9,181,018 B2	11/2015	Betts et al.
7,845,521 B2	12/2010	Blake	9,181,020 B2	11/2015	Tryon
7,854,356 B2	12/2010	Eberhardt	9,205,437 B2	12/2015	Canfield et al.
D630,524 S	1/2011	van Dullemen et al.	9,205,973 B2	12/2015	Decea et al.
D631,368 S	1/2011	Bainton	9,211,993 B2 *	12/2015	Tom B67D 7/025
D634,213 S	3/2011	Thompson	D750,788 S	3/2016	Chang et al.
D641,624 S	7/2011	Mongeon et al.	D756,799 S	5/2016	Moretti
D642,067 S	7/2011	Azar	9,352,347 B2	5/2016	Arminak
D643,737 S	8/2011	Handy	D758,877 S	6/2016	Vaughn-Batiz
D646,572 S	10/2011	Koeleman	9,394,096 B2	7/2016	Betts et al.
D649,047 S	11/2011	Baker et al.	D764,291 S	8/2016	Lemke
D649,051 S	11/2011	Mongeon et al.	9,463,919 B2	10/2016	Eini et al.
D649,062 S	11/2011	Handy	D772,705 S	11/2016	Sanders
D651,086 S	12/2011	Gullickson et al.	9,505,546 B2	11/2016	Arora et al.
8,100,298 B2	1/2012	Marquardt et al.	D773,929 S	12/2016	Richard et al.
D653,559 S	2/2012	Bicknell et al.	9,511,926 B2	12/2016	Arora et al.
			2005/0121474 A1	6/2005	Lasserre et al.
			2005/0218164 A1	10/2005	Morris et al.
			2006/0118658 A1	6/2006	Corkhill et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2007/0051754 A1 3/2007 Strand et al.
 2007/0290007 A1 12/2007 Eberhardt
 2008/0251543 A1 10/2008 Eberhardt et al.
 2010/0270336 A1 10/2010 Camplone et al.
 2011/0284594 A1 11/2011 Dupont et al.
 2012/0037668 A1 2/2012 Bicknell et al.
 2012/0217178 A1 8/2012 Rohr et al.
 2014/0183228 A1 7/2014 Decea et al.
 2014/0217124 A1 8/2014 Kim et al.
 2014/0231467 A1 8/2014 Betts et al.
 2014/0284299 A1 9/2014 Barber et al.
 2014/0291353 A1 10/2014 Betts et al.
 2014/0299148 A1 10/2014 Betts et al.
 2015/0210458 A1 7/2015 Ziegenfelder et al.
 2015/0273486 A1 10/2015 Kuwahara
 2015/0368027 A1 12/2015 Betts et al.
 2016/0023839 A1 1/2016 Ogata et al.
 2017/0341849 A1* 11/2017 Wolak B65D 83/38

FOREIGN PATENT DOCUMENTS

CA 125131 S 1/2009
 CA 2834718 A1 5/2014
 CN 3384580 8/2004
 CN 3416638 1/2005
 CN 3416639 1/2005
 CN 3427538 2/2005
 CN 3450566 6/2005
 CN 3460135 7/2005
 CN 3463502 7/2005
 CN 3463503 7/2005
 CN 3465081 8/2005
 CN 3466502 8/2005
 CN 3484846 11/2005
 CN 3496624 1/2006
 CN 3496625 1/2006
 CN 3528163 5/2006
 CN 3528164 5/2006
 CN 3542984 7/2006
 CN 3552355 8/2006
 CN 3566096 10/2006
 CN 3570499 10/2006
 CN 300768840 12/2006
 CN 3630337 4/2007
 CN 300763667 4/2008
 CN 300777898 5/2008
 CN 301089148 12/2009
 CN 301110488 1/2010
 CN 301110489 1/2010
 CN 301151947 3/2010
 CN 301165782 3/2010
 CN 301175551 4/2010
 CN 301334912 9/2010
 CN 301342222 9/2010
 CN 301379436 11/2010
 CN 301416160 12/2010
 CN 301504316 4/2011
 CN 301512461 4/2011
 CN 301595488 6/2011
 CN 301792657 1/2012
 CN 302079085 3/2012
 CN 302079086 3/2012
 CN 301991989 7/2012
 CN 302008380 7/2012
 CN 302034548 8/2012
 CN 302079083 9/2012
 CN 302079084 9/2012
 CN 302199392 11/2012
 CN 302229509 12/2012
 CN 302229510 12/2012
 CN 302239809 12/2012
 CN 302287652 1/2013
 CN 302296539 1/2013
 CN 302549168 8/2013
 CN 302558226 9/2013

CN 302627842 11/2013
 CN 302639506 11/2013
 CN 302648434 11/2013
 CN 302658785 11/2013
 CN 302787346 4/2014
 CN 302787352 4/2014
 CN 302787356 S 4/2014
 CN 302819206 5/2014
 CN 302834174 6/2014
 CN 302854847 6/2014
 CN 302929458 9/2014
 CN 302972379 10/2014
 CN 302972390 10/2014
 CN 303010252 11/2014
 CN 303117883 3/2015
 CN 303124625 3/2015
 CN 303132479 3/2015
 CN 303157080 4/2015
 CN 303224429 5/2015
 CN 303224431 5/2015
 CN 303316583 8/2015
 CN 303316675 8/2015
 CN 303327066 8/2015
 CN 303365792 9/2015
 CN 303365816 9/2015
 CN 303393410 9/2015
 CN 303393411 9/2015
 CN 303401763 10/2015
 CN 303413671 10/2015
 CN 303413674 10/2015
 CN 303421801 10/2015
 CN 303489052 12/2015
 EM 000024419-0001 4/2003
 EM 000028279-0001 4/2003
 EM 000028279-0002 4/2003
 EM 000054994-0001 7/2003
 EM 000061486-0009 7/2003
 EM 000578257-0003 8/2003
 EM 000076955-0012 9/2003
 EM 000077169-0001 9/2003
 EM 000085899-0001 10/2003
 EM 000085899-0003 10/2003
 EM 000085899-0004 10/2003
 EM 000061031-0001 12/2003
 EM 000117700-0001 12/2003
 EM 000118393-0003 12/2003
 EM 000050141-0001 1/2004
 EM 000050505-0001 2/2004
 EM 000090022-0006 2/2004
 EM 000090022-0010 2/2004
 EM 000122692-0002 3/2004
 EM 000122692-0012 3/2004
 EM 000158902-0003 3/2004
 EM 000181904-0003 5/2004
 EM 000139746-0006 6/2004
 EM 000139746-0014 6/2004
 EM 000190574-0009 6/2004
 EM 000238027-0001 10/2004
 EM 000493580-0004 3/2005
 EM 000318928-0001 4/2005
 EM 000391719-0009 8/2005
 EM 000424254-0002 11/2005
 EM 000426762-0001 11/2005
 EM 000452933-0001 1/2006
 EM 000729306-0002 5/2007
 EM 000403621-0001 7/2007
 EM 000770318-0001 8/2007
 EM 000770318-0002 8/2007
 EM 000770318-0003 8/2007
 EM 000883616-0002 2/2008
 EM 000925458-0001 5/2008
 EM 001021869-0001 10/2008
 EM 000898622-0001 1/2009
 EM 000898622-0002 1/2009
 EM 001058382-0001 1/2009
 EM 001095400-0002 3/2009
 EM 001137947-0001 5/2009
 EM 001154306-0001 7/2009
 EM 001154306-0002 7/2009

(56) References Cited					
FOREIGN PATENT DOCUMENTS					
EM	001154306-0003	7/2009	WO	DM049987	11/1999
EM	001158638-0001	8/2009	WO	DM050566	1/2000
EM	001158638-0002	8/2009	WO	DM052874	4/2000
EM	001158638-0003	8/2009	WO	DM054159	9/2000
EM	001158638-0004	8/2009	WO	DM054210	11/2000
EM	001717455-0001	7/2010	WO	DM055410	3/2001
EM	001717455-0002	7/2010	WO	DM056693	4/2001
EM	001717455-0003	7/2010	WO	DM059742	4/2002
EM	001717455-0004	7/2010	WO	DM061374	8/2002
EM	001717455-0005	7/2010	WO	03095330 A1	11/2003
EM	001796491-0001	12/2010	WO	DM064600	11/2003
EM	001850793-0002	4/2011	WO	2004020313 A1	2/2004
EM	001850793-0003	4/2011	WO	2004020314 A1	2/2004
EM	001909144-0001	8/2011	WO	DM065155	3/2004
EM	001932161-0005	11/2011	WO	DM065439	5/2004
EM	001932161-0006	11/2011	WO	DM065641	6/2004
EM	001952391-0001	11/2011	WO	2004078635 A2	9/2004
EM	001991043-0010	2/2012	WO	DM066537	3/2005
EM	001991043-0011	2/2012	WO	DM065931	9/2005
EM	001991043-0022	2/2012	WO	2006058626 A1	3/2006
EM	001991043-0023	2/2012	WO	2006061099 A1	3/2006
EM	001991043-0027	2/2012	WO	DM057973	10/2006
EM	001991043-0028	2/2012	WO	2007022422 A2	2/2007
EM	002045591-0001	5/2012	WO	DM068905	4/2007
EM	002163816-0001	1/2013	WO	DM070131	3/2008
EM	002240887-0001	5/2013	WO	2008085896 A2	4/2008
EM	002240887-0002	5/2013	WO	DM070336	4/2008
EM	002240887-0003	5/2013	WO	DM070899	10/2008
EM	002240887-0004	5/2013	WO	DM071806	5/2009
EM	001373484-0001	6/2013	WO	DM073509	9/2009
EM	001373484-0003	6/2013	WO	DM072803	12/2009
EM	001373484-0010	6/2013	WO	DM046599	3/2010
EM	002281154-0001	7/2013	WO	2010052168 A1	5/2010
EM	002383273-0001	1/2014	WO	DM074388	9/2010
EM	001402895-0001	2/2014	WO	DM075189	9/2010
EM	001402895-0002	2/2014	WO	DM075010	12/2010
EM	001402895-0003	2/2014	WO	DM076307	6/2011
EM	001402895-0004	2/2014	WO	WO2011064584	6/2011
EM	002495515-0001	7/2014	WO	DM077269	12/2011
EM	002503078-0001	7/2014	WO	DM077985	2/2012
EM	002515502-0001	8/2014	WO	DM079660	3/2012
EM	002560425-0001	11/2014	WO	WO2013022452	2/2013
EM	002581264-0020	1/2015	WO	DM081741	3/2013
EM	002581264-0021	1/2015	WO	2013068190 A1	5/2013
EM	002741645-0007	8/2015	WO	2013068191 A1	5/2013
EM	000607494-0002	10/2016	WO	2013068219 A1	5/2013
EM	003075217-0001	10/2016	WO	DM081261	6/2013
EM	002741645-0008	7/2017	WO	DM081833	9/2013
FR	2865463	7/2005	WO	DM084335	9/2014
FR	2869301	10/2005	WO	DM084411	9/2014
WO	D012063-002	10/1988	WO	DM085277	12/2014
WO	D014531-001	11/1989	WO	DM085616	2/2015
WO	D037419-001	11/1996	WO	DM087159	6/2015
WO	D041321-001	11/1997	WO	DM087290	8/2015
WO	D043937-001	7/1998	WO	WO2015127346	8/2015
WO	DM049995	6/1999	WO	WO2015138241	9/2015
WO	DM046288	11/1999	WO	WO2016043438	3/2016
			WO	WO2016163987	10/2016

* cited by examiner

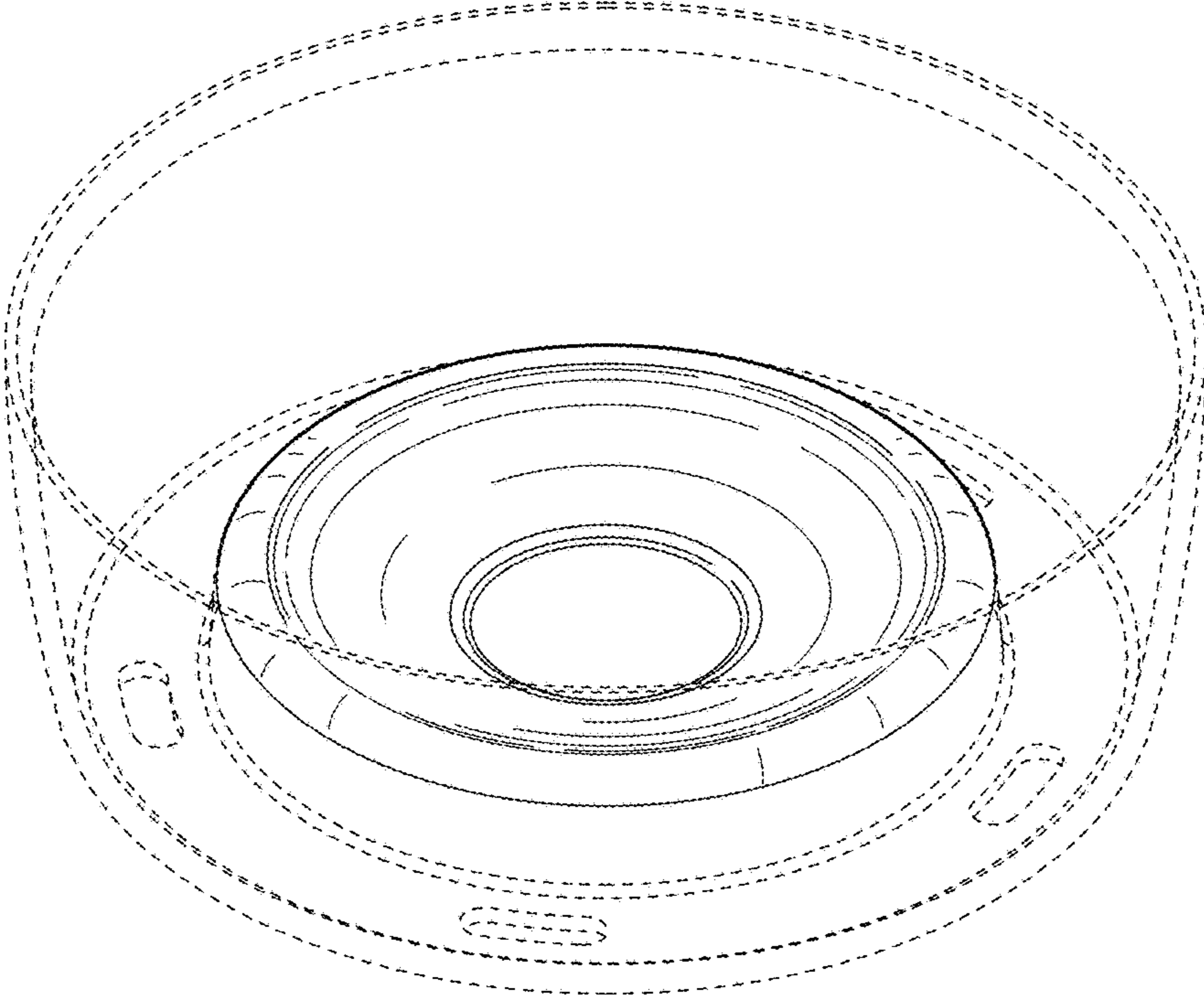


FIG. 1

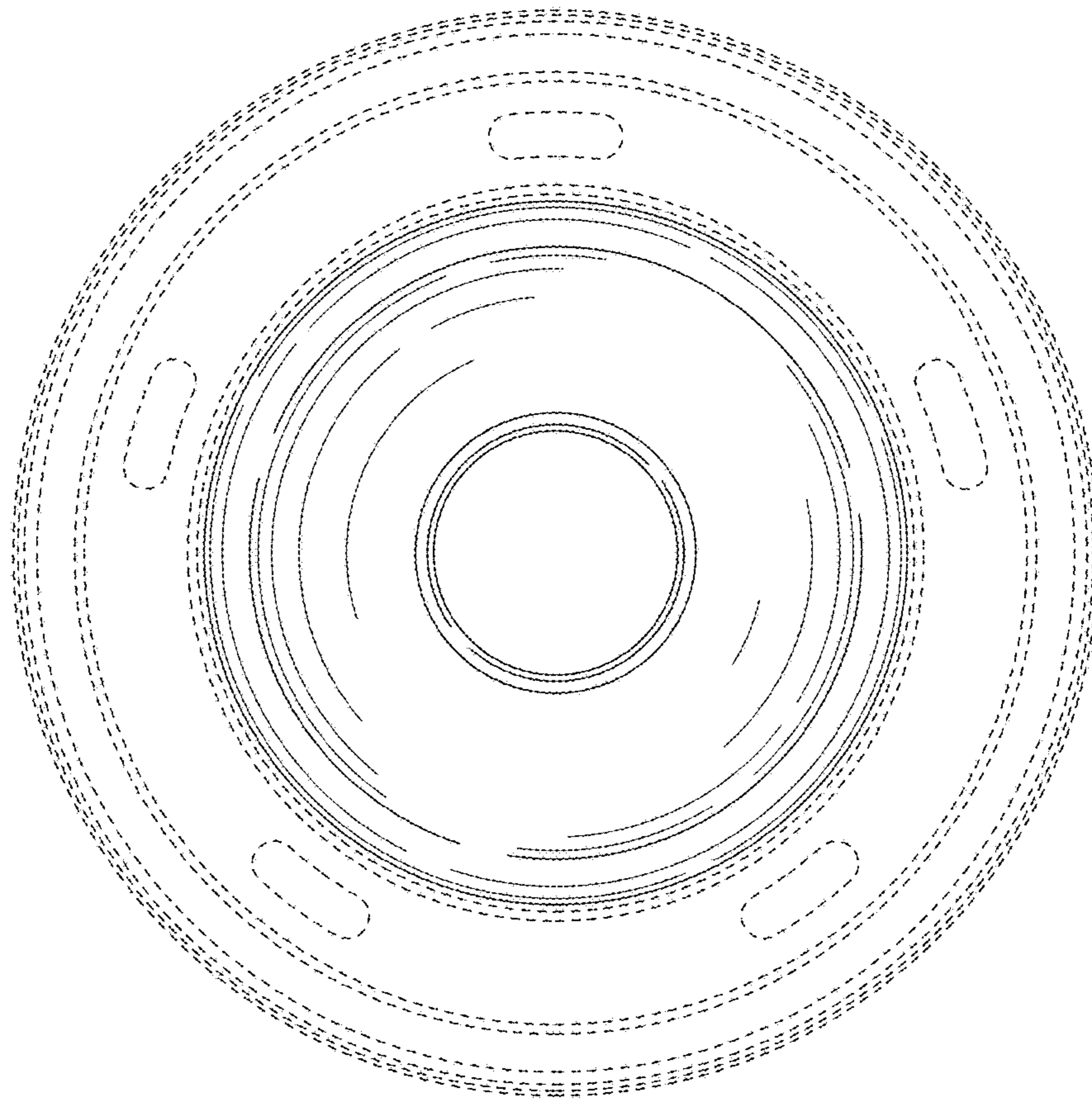


FIG. 2

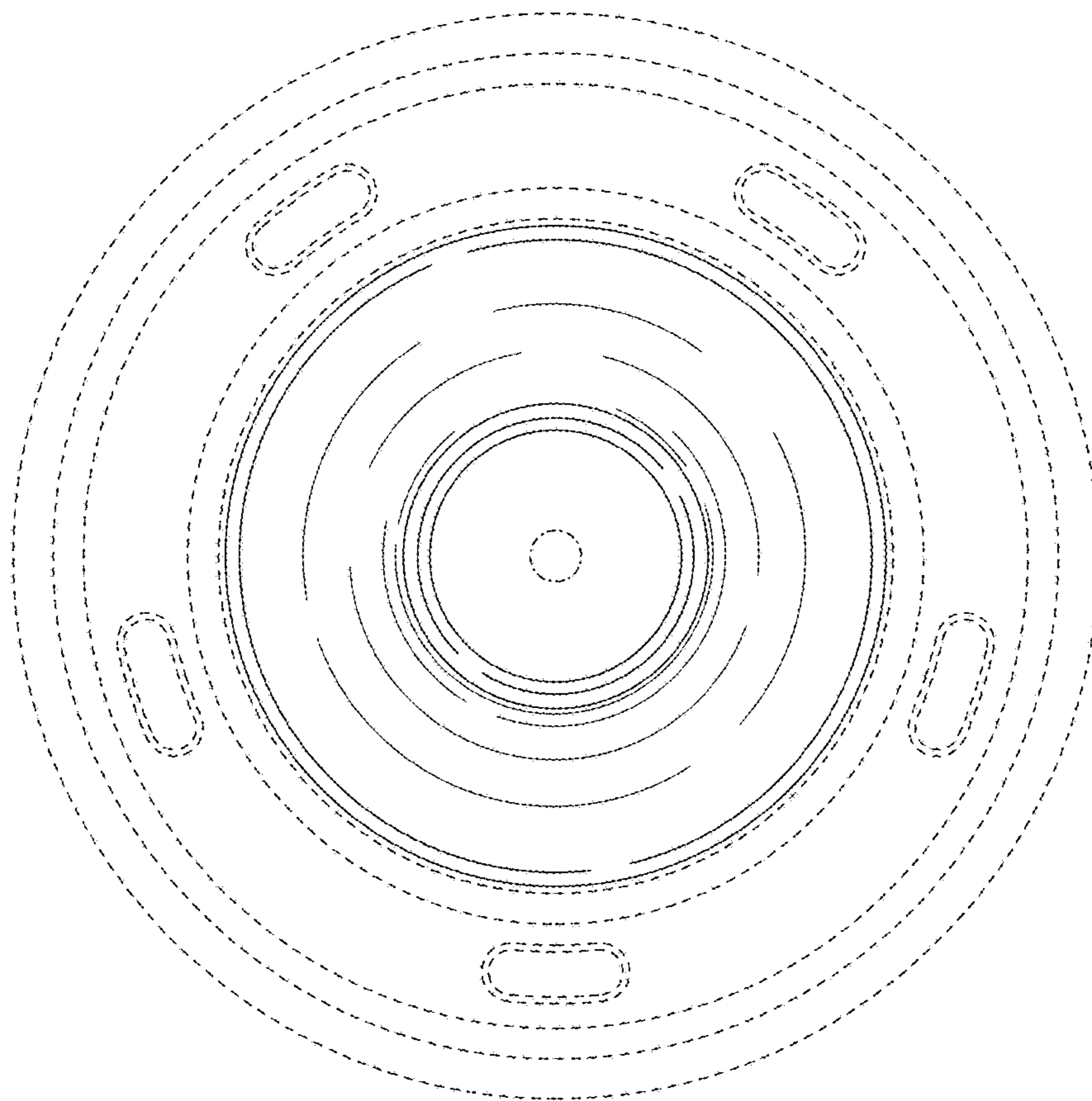


FIG. 3

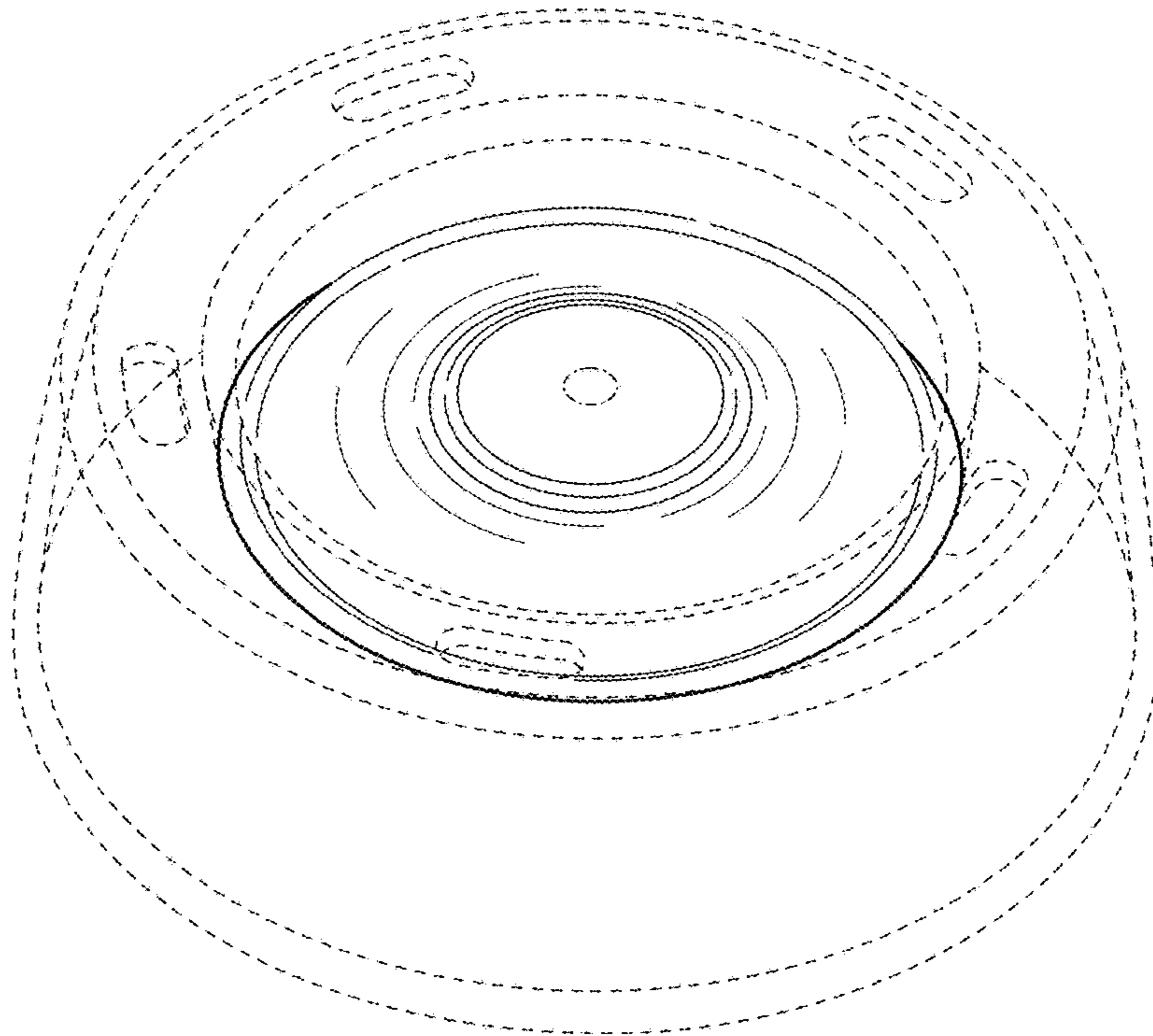


FIG. 4