US00D864961S

(12) United States Design Patent

Sakaguchi et al.

(10) Patent No.: US D864,961 S
(45) Date of Patent: ** Oct. 29, 2019

(54) **PORTABLE ELECTRONIC DEVICE**

(71) Applicant: **SomniQ, Inc.**, Sunnyvale, CA (US)

(72) Inventors: **Rikko Sakaguchi**, Sunnyvale, CA (US); **Ken Yano**, Tokyo (JP)

(73) Assignee: **SOMNIQ, INC.**, Menlo Park, CA (US)

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

(21) Appl. No.: **29/631,425**

(22) Filed: **Dec. 29, 2017**

Related U.S. Application Data

(62) Division of application No. 29/548,309, filed on Dec. 11, 2015, now Pat. No. Des. 806,711.

(51) **LOC (12) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/388**; D14/218

(58) **Field of Classification Search**
USPC D14/356, 357, 358, 361, 362, 365, 367, D14/370, 388, 432, 434, 203.1, 203.6,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D221,818 S 9/1971 Chardack
D249,091 S 8/1978 Burtis
(Continued)

FOREIGN PATENT DOCUMENTS

JP S59132718 7/1984
JP H11232012 8/1999
(Continued)

OTHER PUBLICATIONS

First Office Action for JP Application No. 2017-002177, dated Jul. 25, 2017.
(Continued)

Primary Examiner — Marie D. Fast Horse
(74) *Attorney, Agent, or Firm* — Dorsey & Whitney LLP

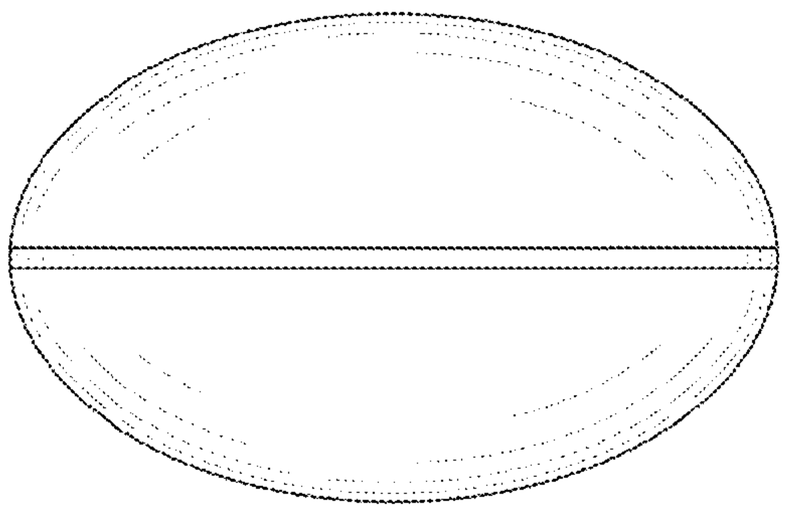
(57) **CLAIM**

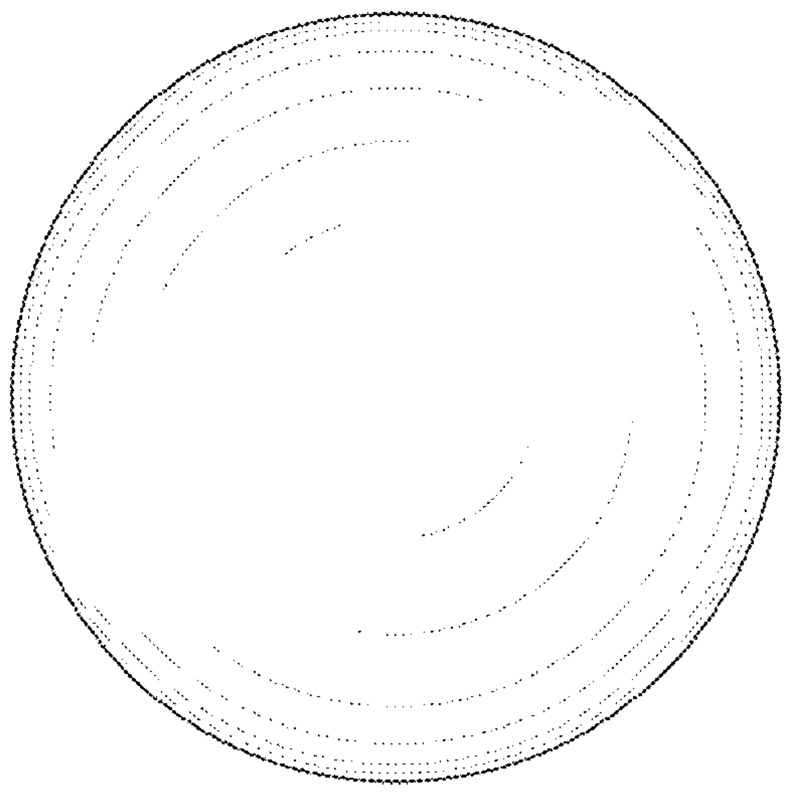
The ornamental design for a portable electronic device, as shown and described.

DESCRIPTION

FIG. **1** is an isometric view of a portable electronic device according to a first embodiment;
FIG. **2** is a front view of the portable electronic device in FIG. **1**;
FIG. **3** is a left side view of the portable electronic device in FIG. **1**;
FIG. **4** is a right side view of the portable electronic device in FIG. **1**;
FIG. **5** is a back view of the portable electronic device in FIG. **1**;
FIG. **6** is a top view of the portable electronic device in FIG. **1**;
FIG. **7** is a bottom view of the portable electronic device in FIG. **1**;
FIG. **8** is an isometric view of a portable electronic device according to a second embodiment;
FIG. **9** is a front view of the portable electronic device in FIG. **8**;
FIG. **10** is a left side view of the portable electronic device in FIG. **8**;
FIG. **11** is a right side view of the portable electronic device in FIG. **8**;
FIG. **12** is a back view of the portable electronic device in FIG. **8**; and,
FIG. **13** is a top view of the portable electronic device in FIG. **8**.
The broken lines shown in FIGS. **8-13** depict environment only and form no part of the claimed design.

1 Claim, 8 Drawing Sheets





(58) **Field of Classification Search**

USPC D14/204, 205, 216, 217, 218, 240, 242, D14/299, 125, 129, 130, 140, 155, 168, D14/188, 195, 300, 302, 314, 348, 351, D14/496, 399–401, 412–416, 454–457, D14/172; D13/103, 107, 108, 123, 162, D13/162.1, 163, 168, 184, 199; D10/104.1, 106.6, 116.1, 61, 62, 64, 65, D10/75; D21/324, 332, 333; D24/167, D24/168, 186; D28/8.1, 8.2, 82; D3/229, 273; D9/545, 549, 428

CPC ... G06F 3/00; G06F 3/01; G06F 3/011; G06F 3/012; G06F 3/013; G06F 3/015; G06F 3/016; G06F 3/017; G06F 3/0304; G06F 3/0346; G06F 3/041; G06F 3/16; G06F 3/0202; G06F 1/1694; G06F 2203/0384; G08B 21/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D262,464	S		12/1981	Vernon, Jr.	
D286,124	S		10/1986	Dempsey	
D297,328	S		8/1988	Nozo et al.	
4,804,945	A		2/1989	Millet	
D303,356	S		9/1989	Couch	
D324,106	S		2/1992	Greenblatt	
D325,582	S		4/1992	Emmons et al.	
D327,690	S		7/1992	Ogawa et al.	
D331,060	S		11/1992	Emmons et al.	
5,243,430	A	*	9/1993	Emmons	H04B 1/202 340/12.22
D339,986	S		10/1993	Garouste et al.	
D345,507	S		3/1994	Granai	
D363,569	S		10/1995	Lai	
D382,255	S		8/1997	Moffatt	
D382,261	S		8/1997	Kaneko et al.	
D396,852	S	*	8/1998	Chao	D14/358
D408,285	S		4/1999	Favre	
D408,590	S		4/1999	Litton	
D414,190	S		9/1999	Pinchuk	
D418,125	S		12/1999	Jobs et al.	
D430,358	S	*	8/2000	Papiernik	D28/91.1
D433,994	S	*	11/2000	Jobs	D13/110
D443,726	S		6/2001	Faillant-Dumas	
D443,727	S		6/2001	Faillant-Dumas	
D463,991	S		10/2002	Curry et al.	
D465,469	S		11/2002	Heath	
D465,733	S	*	11/2002	Hill	D9/519
D467,037	S	*	12/2002	Bakic	D28/82
6,558,165	B1		5/2003	Curry	
D479,366	S		9/2003	Goswell	
D480,396	S	*	10/2003	Buckner	D14/341
D489,706	S		5/2004	Chen	
D494,633	S	*	8/2004	Nussberger	D21/324
D496,004	S	*	9/2004	Borsboom	D13/168
D503,692	S		4/2005	Basta	
D518,030	S	*	3/2006	Lin	D14/218
D518,819	S		4/2006	Gray	
D521,512	S		5/2006	Kunzi et al.	
D526,916	S	*	8/2006	Oas	D10/70
D527,008	S		8/2006	Greenrod	
D541,228	S		4/2007	Thursfield	
D546,780	S	*	7/2007	Marchetto	D13/168
D558,767	S		1/2008	Solland	
D561,022	S		2/2008	Terrasi	
D578,711	S		10/2008	Burrow et al.	
D579,937	S		11/2008	Cohen	
D595,670	S		7/2009	Glassman et al.	
D595,734	S		7/2009	Son	
D596,815	S	*	7/2009	Baek	D32/21
D597,524	S		8/2009	Jha	
D601,564	S		10/2009	Maeno	
D602,858	S		10/2009	Ellis et al.	
D602,915	S	*	10/2009	Song	D14/218
D602,916	S		10/2009	Won et al.	
D606,973	S		12/2009	Jha	
D607,347	S		1/2010	Goh et al.	
D610,479	S		2/2010	Shi	
D619,562	S	*	7/2010	Jha	D14/207
D626,147	S	*	10/2010	Goddard	D14/496
D627,306	S		11/2010	Charleux	
D628,190	S		11/2010	Jha	
D632,265	S		2/2011	Choi et al.	
D632,281	S		2/2011	Hoehn et al.	
D636,380	S	*	4/2011	Valeur	D14/218
D636,760	S	*	4/2011	Cheng	D14/216
D637,306	S		5/2011	Feuerabend et al.	
D643,412	S		8/2011	Brady et al.	
8,089,458	B2		1/2012	Barney et al.	
D654,866	S		2/2012	Rautiainen	
D656,034	S	*	3/2012	Wanders	D9/428
D672,465	S	*	12/2012	Sherman	D24/207
D683,636	S		6/2013	Levanen	
D683,843	S		6/2013	Cudworth	
D685,790	S		7/2013	Tang	
D687,009	S		7/2013	Song et al.	
D695,258	S		12/2013	Hauser et al.	
D700,080	S	*	2/2014	Broadbent	D10/65
D700,571	S		3/2014	Guccione et al.	
D700,904	S		3/2014	Miller et al.	
D705,509	S	*	5/2014	Liu	D32/35
D717,674	S		11/2014	Vu et al.	
D719,165	S		12/2014	Hill et al.	
D724,060	S		3/2015	Ahn et al.	
D726,924	S	*	4/2015	Tseng	D24/186
D729,773	S		5/2015	Salojarvi et al.	
D730,891	S		6/2015	Wang	
D731,334	S	*	6/2015	Fiedler	D10/70
D731,579	S	*	6/2015	Bart	D16/203
D732,033	S		6/2015	Sakaguchi	
D738,376	S		9/2015	Sakaguchi	
D743,645	S		11/2015	Lee	
9,189,090	B2		11/2015	Tanaka	
9,218,055	B2		12/2015	Sakaguchi et al.	
D746,886	S		1/2016	Breazeal et al.	
D747,984	S	*	1/2016	Zhao	D10/52
D752,531	S	*	3/2016	Xu	D14/125
D755,750	S		5/2016	Chen	
D756,955	S	*	5/2016	Wagner	D14/203.6
D763,967	S		8/2016	Kujawski et al.	
D768,114	S		10/2016	Hou et al.	
D769,846	S	*	10/2016	Hong	D14/216
D770,417	S	*	11/2016	Chen	D14/216
D773,947	S		12/2016	Scarcella et al.	
D774,717	S		12/2016	Choi et al.	
D776,820	S		1/2017	Rouillac et al.	
D777,331	S		1/2017	Jayalath et al.	
D778,871	S	*	2/2017	Corval	D14/204
D778,876	S	*	2/2017	Zhang	D14/216
D778,878	S	*	2/2017	de Vaal	D14/218
D783,838	S		4/2017	Zhao et al.	
D786,252	S	*	5/2017	Fauvel	D14/409
D800,653	S	*	10/2017	Smiedt	D13/107
D806,711	S	*	1/2018	Sakaguchi	D14/388
D831,189	S	*	10/2018	Fang	D24/107
D834,560	S	*	11/2018	Hardi	D14/218
D844,593	S	*	4/2019	Bould	D14/240
D848,405	S	*	5/2019	Bould	D14/240
2002/0055383	A1		5/2002	Onda et al.	
2004/0250218	A1		12/2004	Wecker et al.	
2006/0028429	A1		2/2006	Kanevsky et al.	
2007/0135689	A1		6/2007	Asukai et al.	
2007/0247439	A1		10/2007	Daniel et al.	
2009/0021380	A1		1/2009	Higuchi et al.	
2010/0123588	A1		5/2010	Cruz Hernandez	
2010/0144436	A1		6/2010	Marks et al.	
2012/0062483	A1		3/2012	Ciesla et al.	
2012/0280917	A1		11/2012	Toksvig et al.	
2013/0063611	A1		3/2013	Papakipos et al.	
2014/0112556	A1		4/2014	Kalinli-Akbacak	
2014/0139466	A1		5/2014	Sakaguchi et al.	

(56) **References Cited**

U.S. PATENT DOCUMENTS

2014/0285435	A1	9/2014	Bezos
2014/0324749	A1	10/2014	Peters et al.
2015/0026613	A1	1/2015	Kwon et al.
2015/0268737	A1	9/2015	Gelfond et al.
2016/0062496	A1	3/2016	Sakaguchi et al.
2016/0246373	A1	8/2016	Sakaguchi et al.
2017/0168595	A1	6/2017	Sakaguchi et al.
2018/0203512	A1	7/2018	Sakaguchi et al.

FOREIGN PATENT DOCUMENTS

JP	2001-025984	A	1/2001
JP	2007034544		2/2007
JP	2007058844		3/2007
JP	2009026125		2/2009
JP	2012075089		4/2012
JP	2012509145		4/2012
KR	2009-0093286		9/2009
KR	2012-0092316		8/2012
WO	0237249	A2	5/2002
WO	2007034388	A2	3/2007
WO	2009036327	A1	3/2009
WO	2013055380	A1	4/2013
WO	2016137797	A1	9/2016
WO	2017100641	A1	6/2017

OTHER PUBLICATIONS

U.S. Appl. No. 29/548,309, entitled "Portable Electronic Device", filed Dec. 11, 2015.
JP Office Action for JP appl. 2016-012586 dated Nov. 8, 2016.
Cai, Yang , "Empathic Computing", Ambient Intelligence in Everyday Life, LNAI 3864, Jan. 2006, 67-95.

* cited by examiner

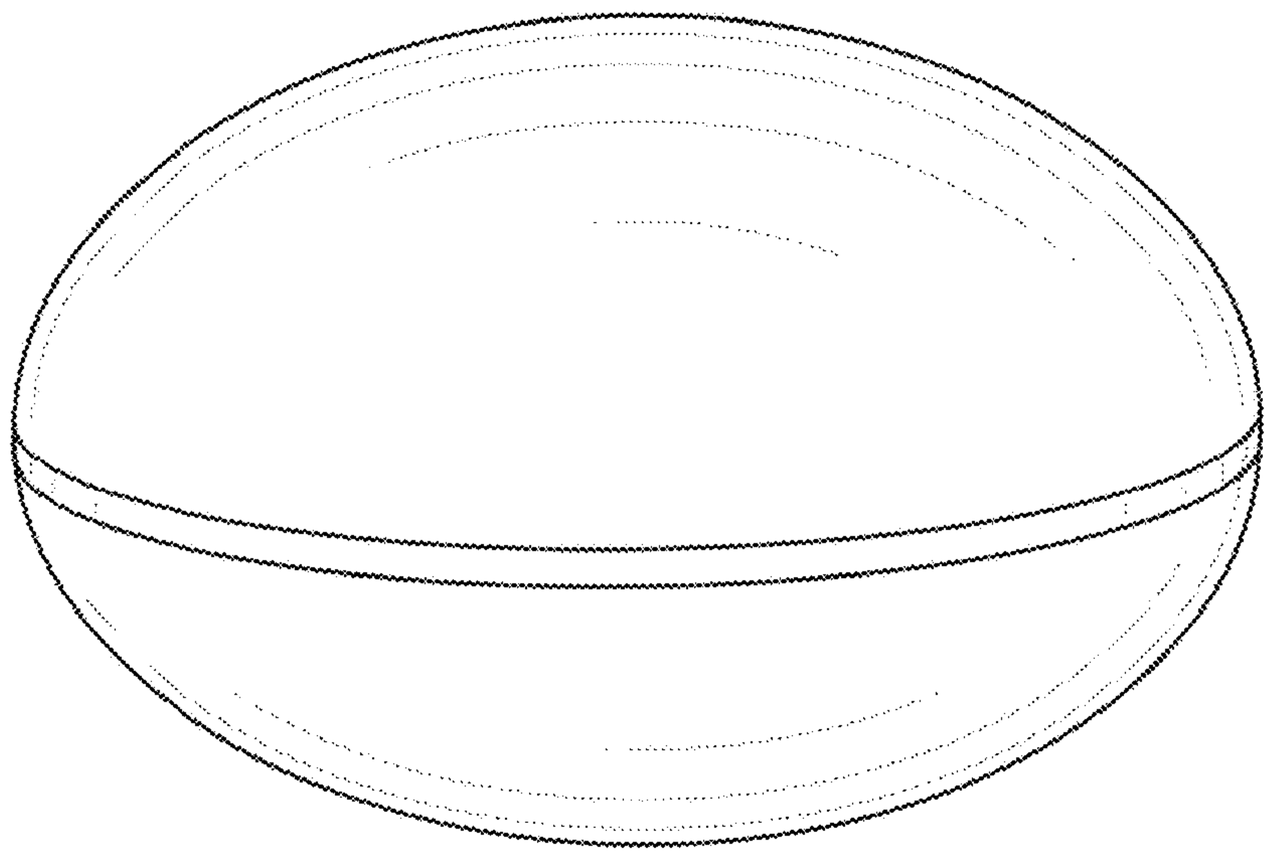


FIG. 1

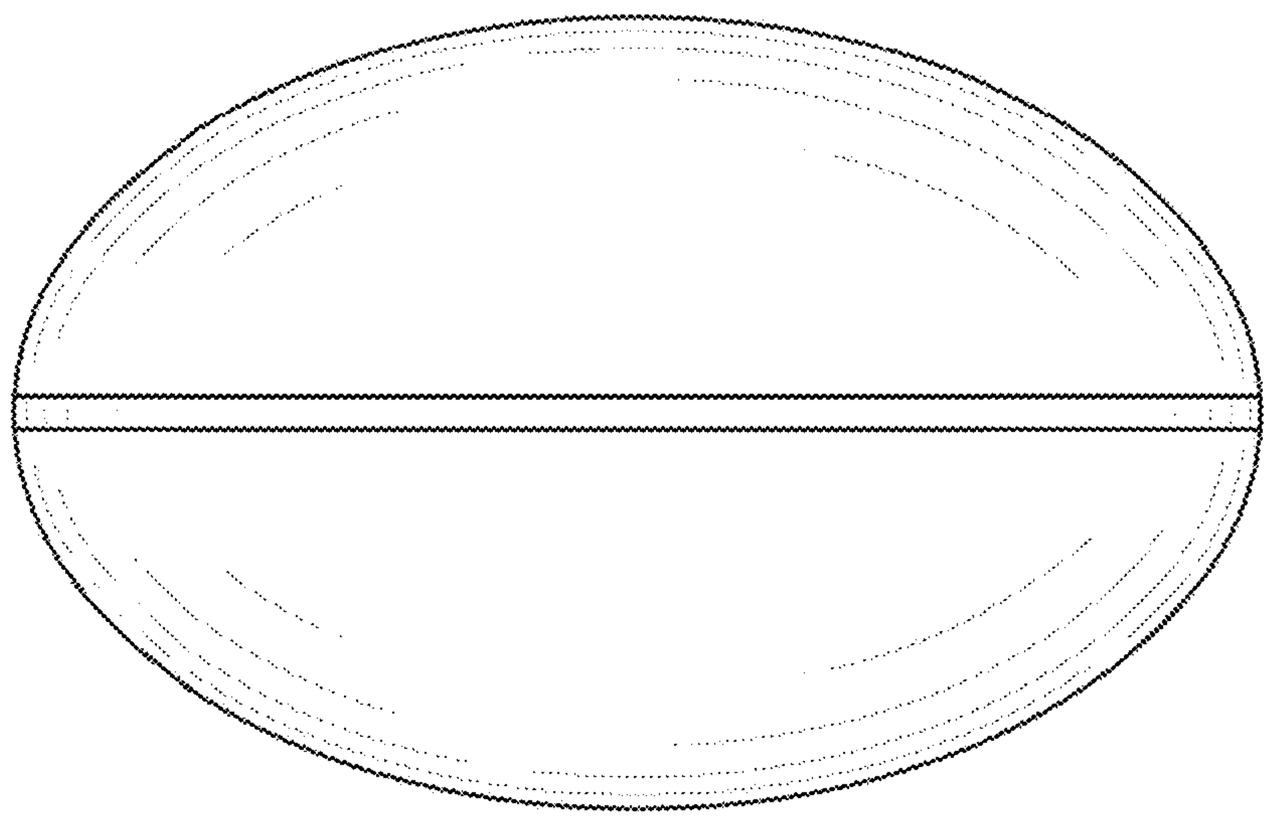


FIG. 2

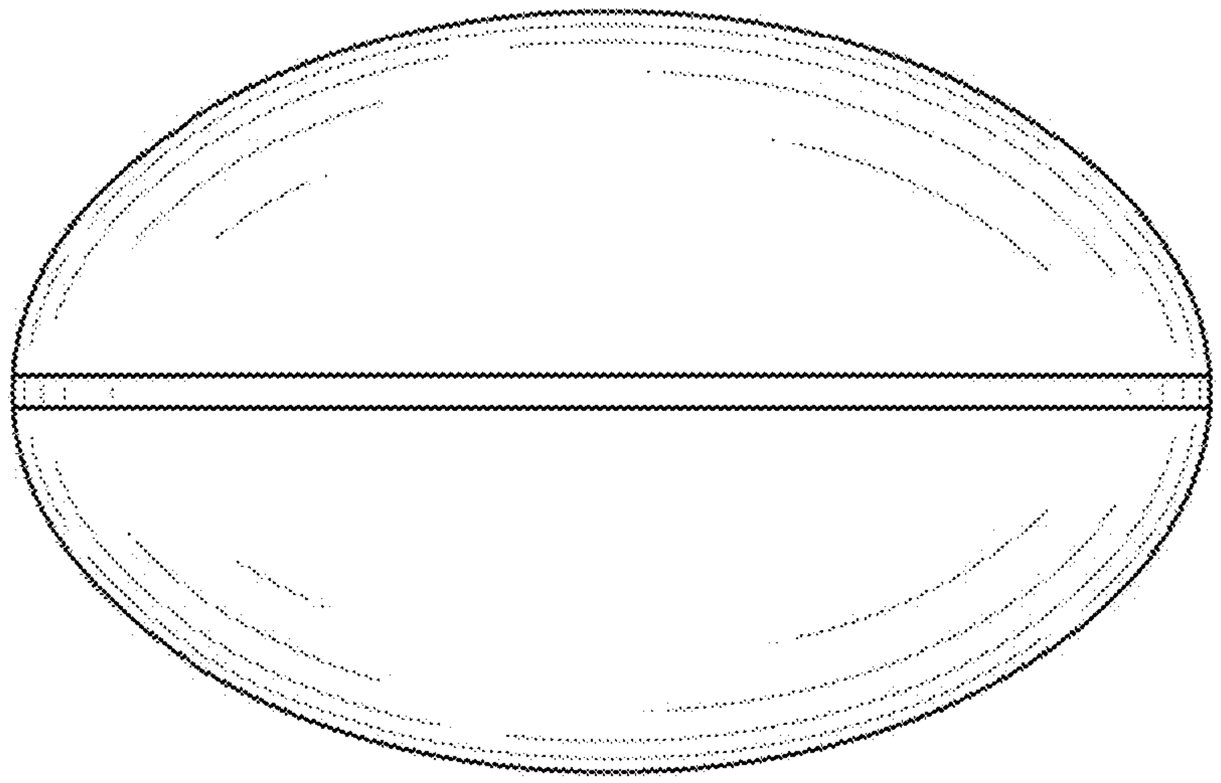


FIG. 3

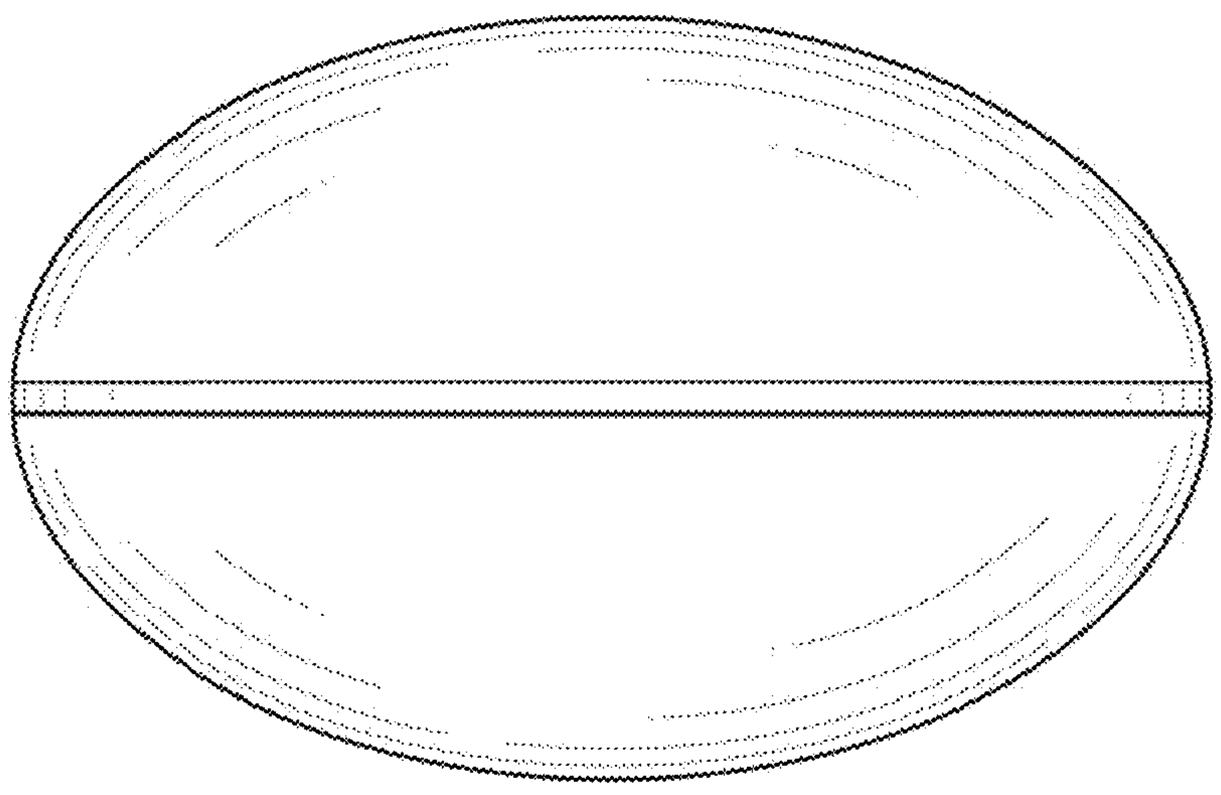


FIG. 4

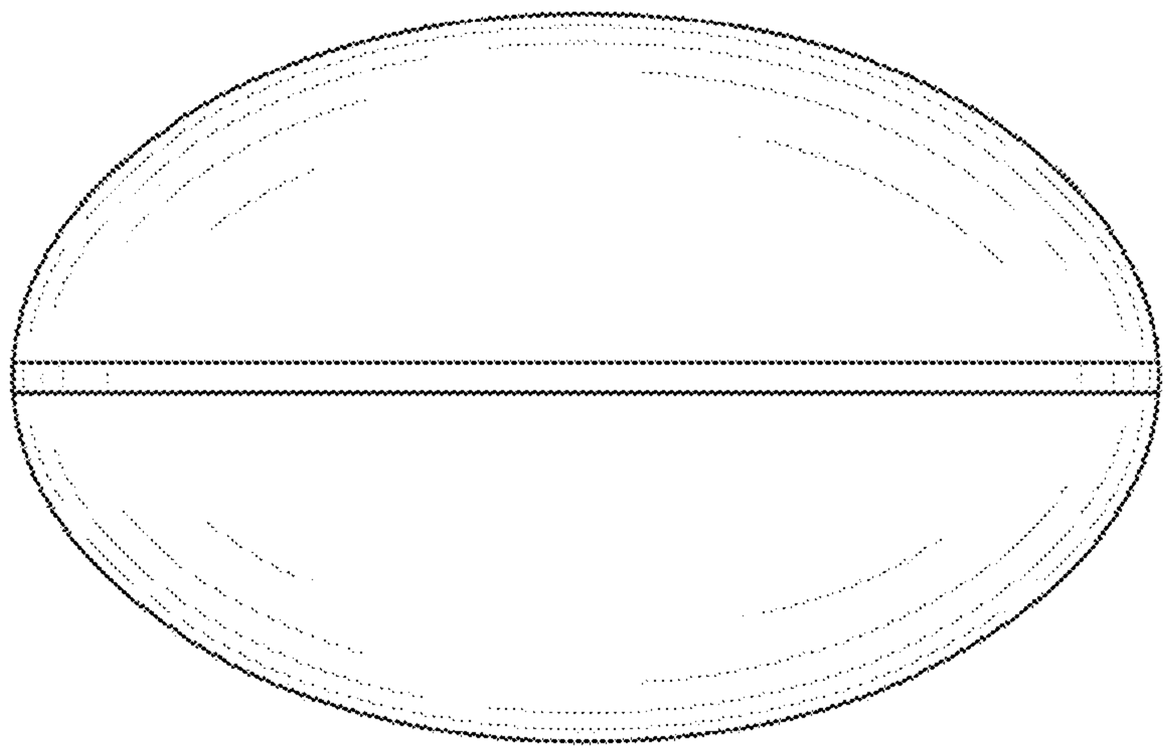


FIG. 5

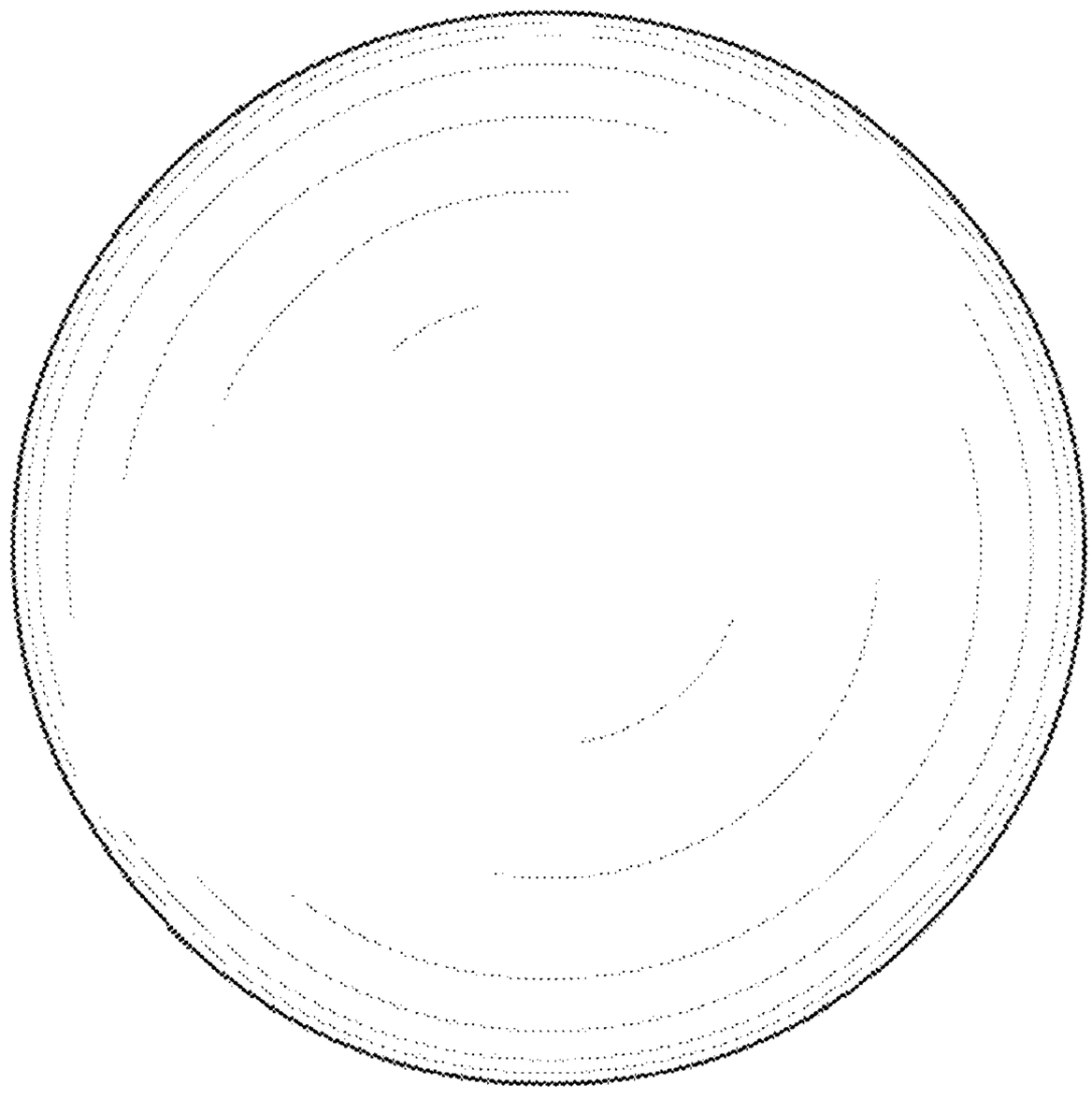


FIG. 6

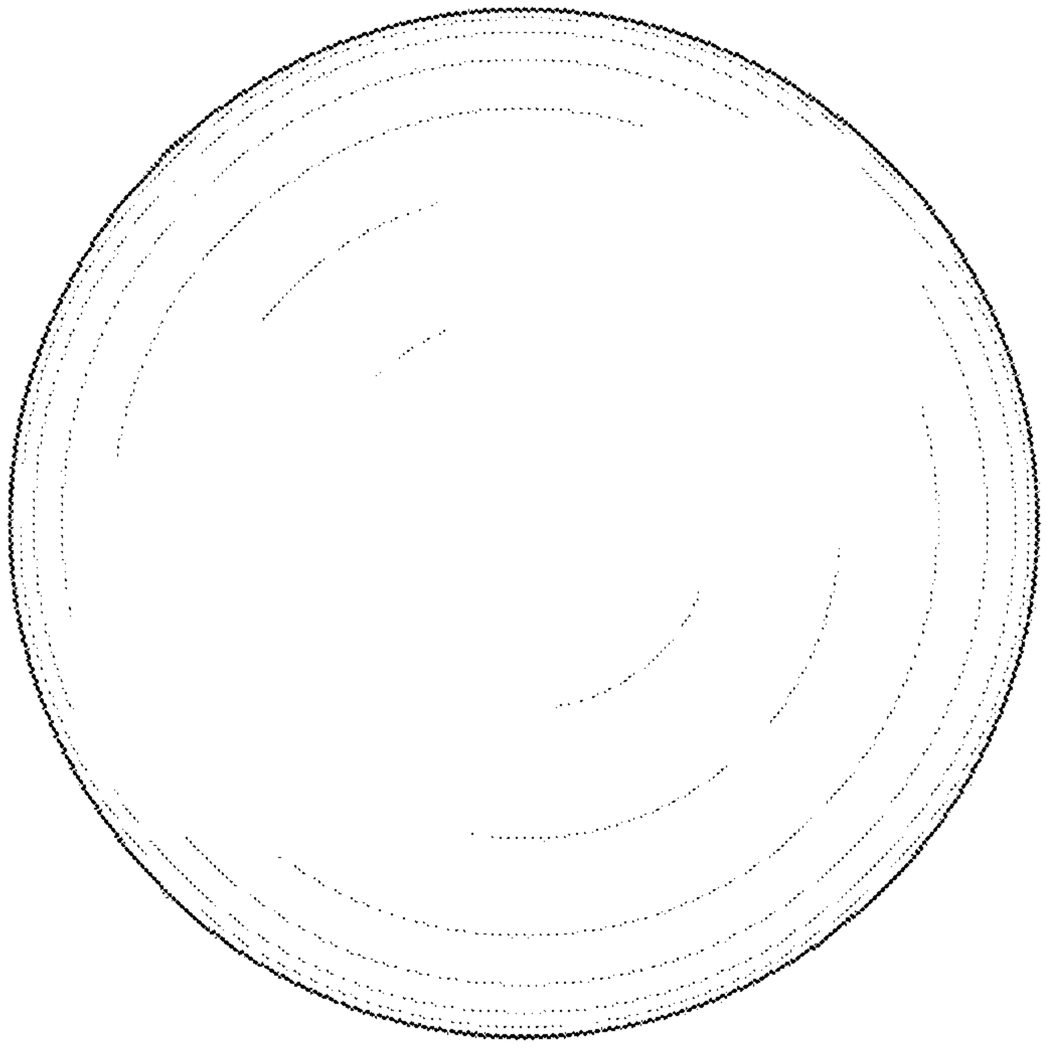


FIG. 7

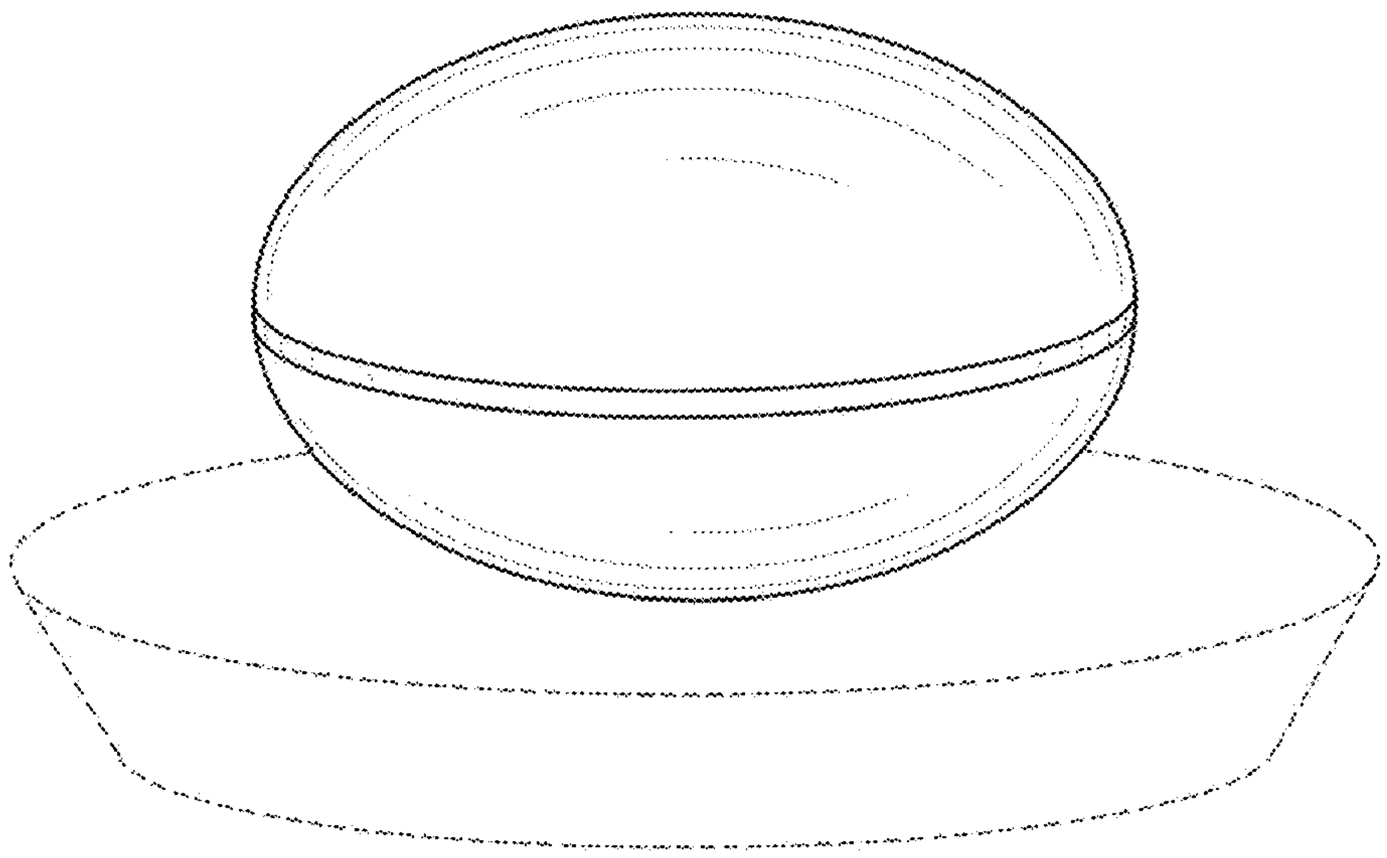


FIG. 8

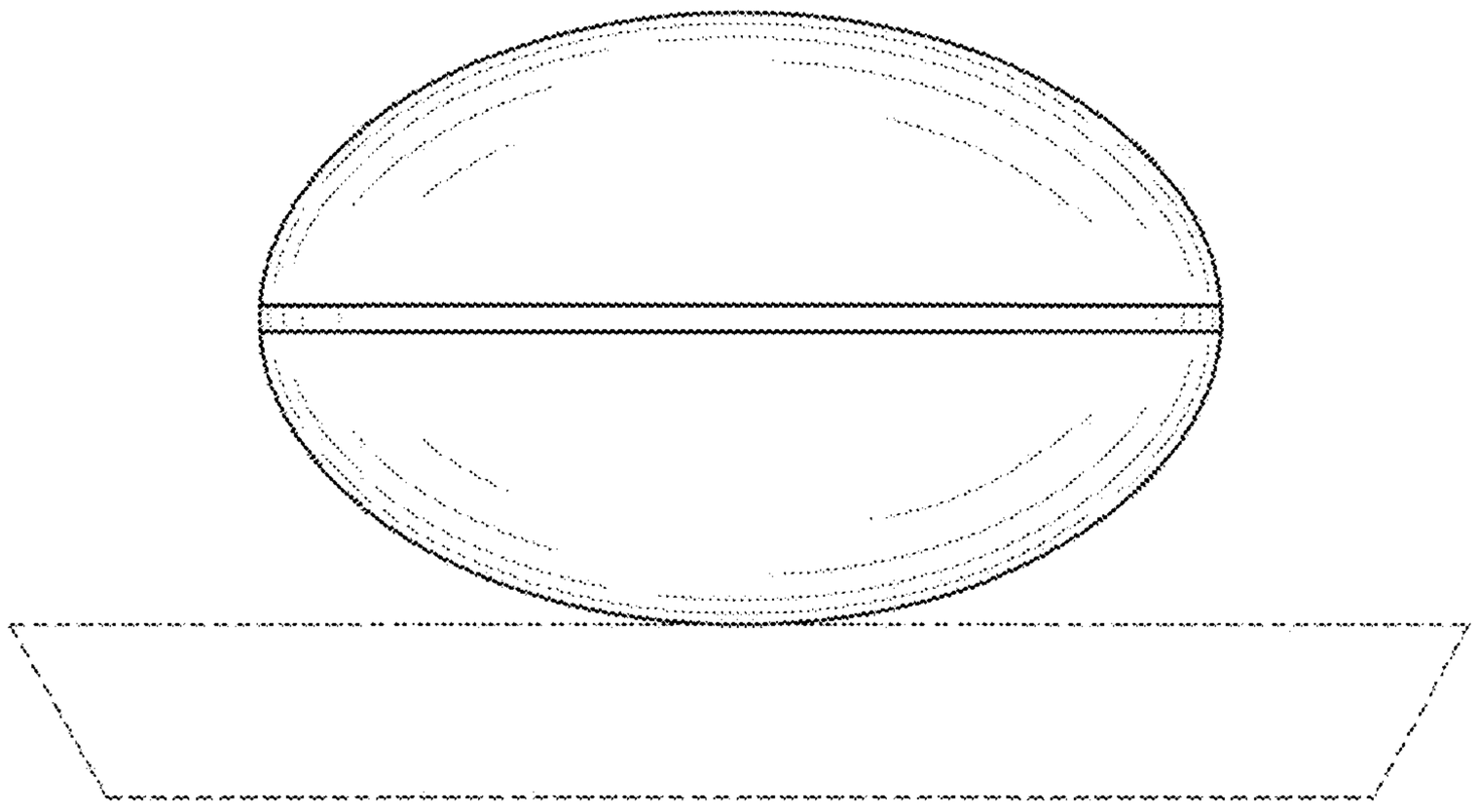


FIG. 9

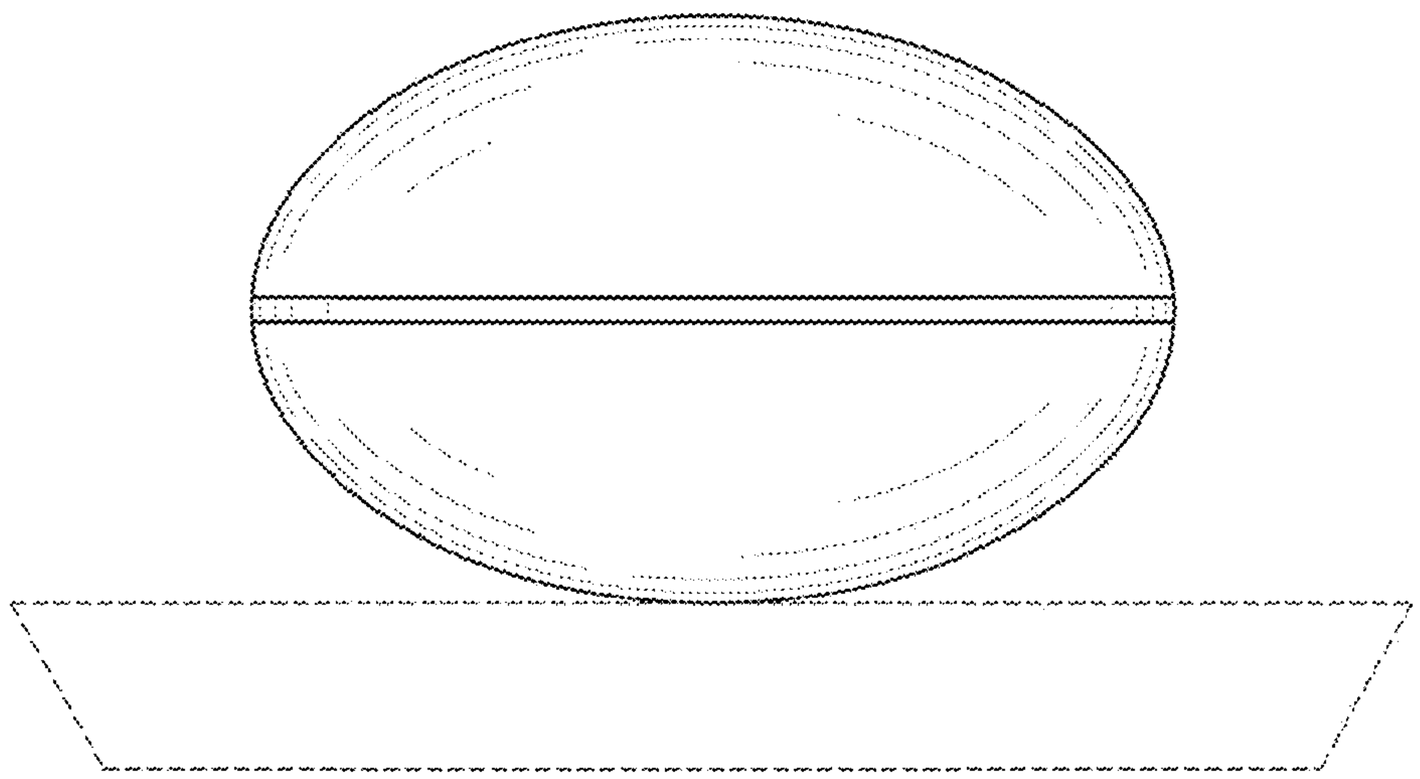


FIG. 10

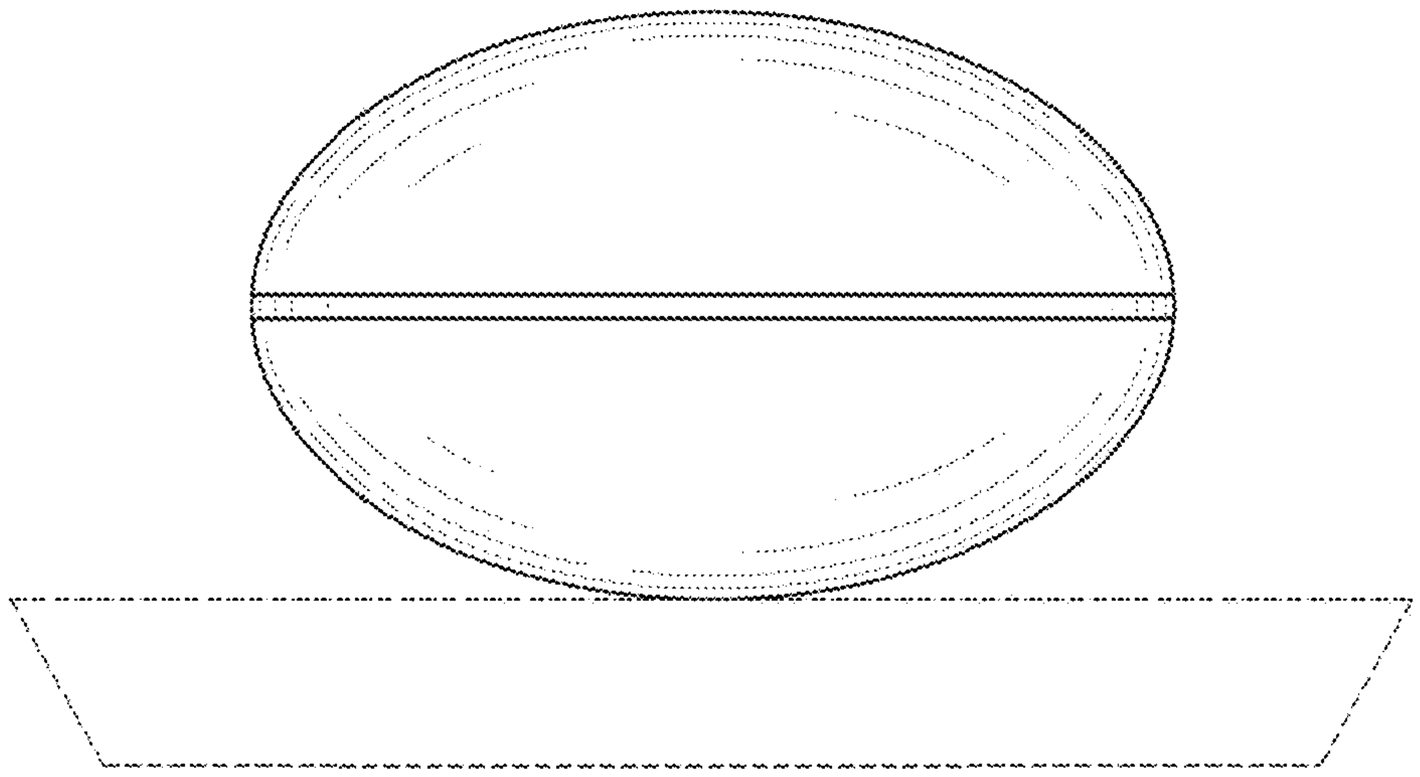


FIG. 11

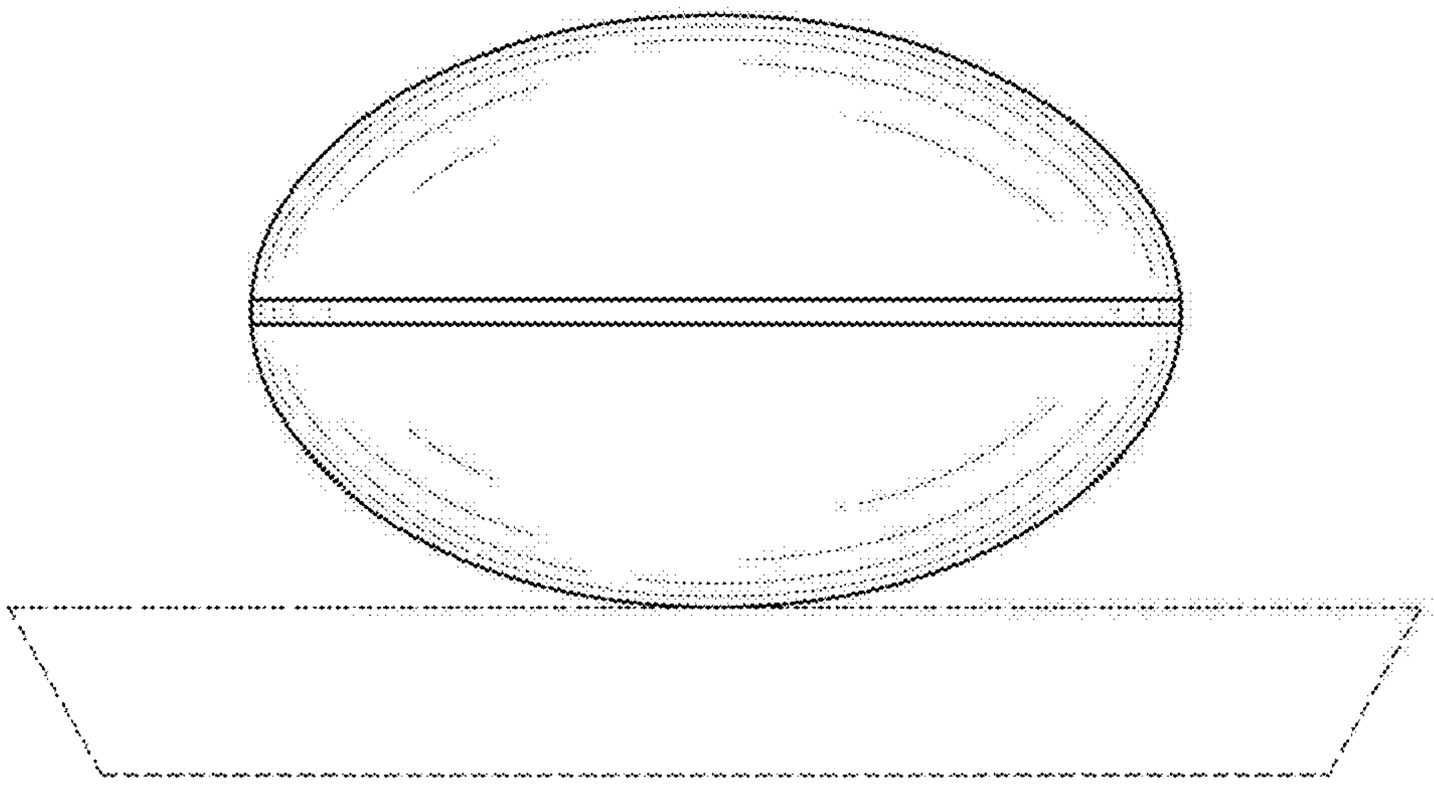


FIG. 12

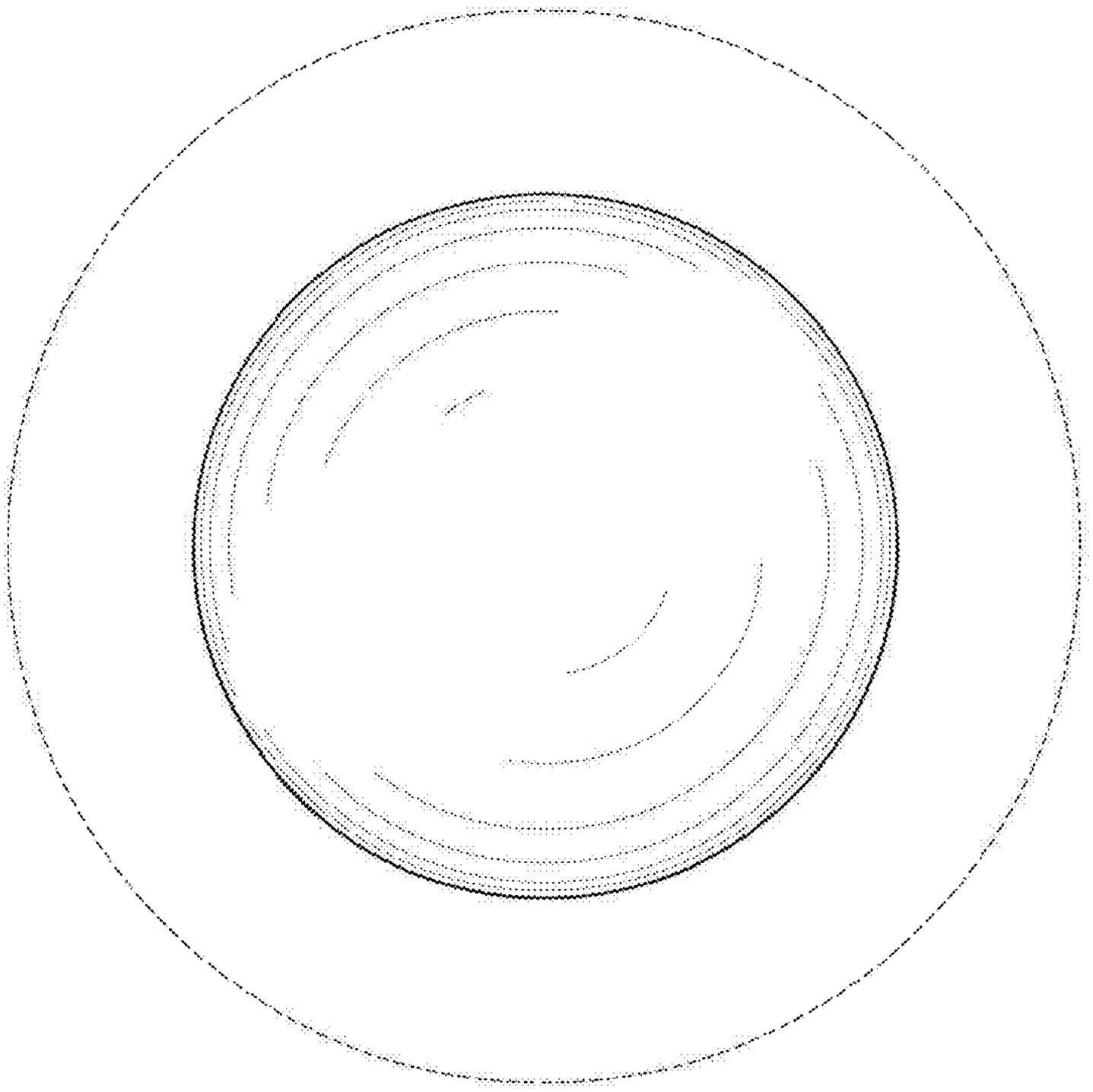


FIG. 13