US00D612279S

(12) United States Design Patent

Heidemann et al.

(10) Patent No.: US D612,279 S
(45) Date of Patent: ** *Mar. 23, 2010

(54) **USER INTERFACE IN AN ANALYTE METER**

(75) Inventors: **Karen Heidemann**, Zug (CH); **Anton Petkov**, Zug (CH); **Mel Chiba**, San Jose, CA (US); **Charles Henry Blevins**, Milpitas, CA (US); **Michele Monico**, Segrate, MI (US); **Adelio Bolognesi**, Como (IT); **Allan Orr**, Westhill (GB)

(73) Assignee: **Lifescan Scotland Limited**, Scotland (GB)

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

(21) Appl. No.: **29/302,575**

(22) Filed: **Jan. 18, 2008**

(51) **LOC (9) Cl.** **10-04**
(52) **U.S. Cl.** **D10/103**; D10/78; D10/81
(58) **Field of Classification Search** ..... D10/78, D10/81, 103; D24/107, 186, 232; 324/72.5, 324/110, 114–115, 149, 151 A, 158 F, 156; 340/653, 660; 439/482; 422/63–68.1, 99, 422/100, 58, 61, 82.05; 423/43; 436/164, 436/166, 169, 605; 356/246
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D243,038	S	1/1977	Ray
D243,932	S	4/1977	Warren
D247,161	S	2/1978	Fernandez et al.
D247,162	S	2/1978	Vanasco
D248,628	S	7/1978	Schwartz
D248,929	S	8/1978	Connolly
D249,479	S	9/1978	Rasmussen
D250,882	S	1/1979	Johansen
D251,114	S	2/1979	Potts
D255,335	S	6/1980	Joslin et al.
D261,739	S	11/1981	Leibson
D264,192	S	5/1982	Greenlee et al.
D264,193	S	5/1982	Greenlee et al.
D278,606	S	4/1985	Suzuki
D278,689	S	5/1985	Jupe et al.
D281,148	S	10/1985	Highstreet
D282,448	S	2/1986	Hall
D287,946	S	1/1987	Tsuyama
D288,542	S	3/1987	Tsuyama
D292,610	S	11/1987	Nelson
D302,393	S	7/1989	Faulconer

(Continued)

FOREIGN PATENT DOCUMENTS

DE	4315532	A1	11/1993

(Continued)

OTHER PUBLICATIONS

Owner's Booklet, "One Touch Ultra2 Blood Glucose Monitoring System"; 2005 LifeScan, Inc., Milpitas, CA 95035 Rev. Jan. 2007.

(Continued)

Primary Examiner—Antoine D Davis

(57) **CLAIM**

We claim the ornamental design for a user interface in an analyte meter, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of the front of a user interface in an analyte test meter, as seen from one perspective;

FIG. **2** is a perspective view of the front of the user interface in the analyte test meter, as seen from another perspective;

FIG. **3** is a top plan view thereof;

FIG. **4** is a front elevational view thereof;

FIG. **5** is a rear elevational view thereof;

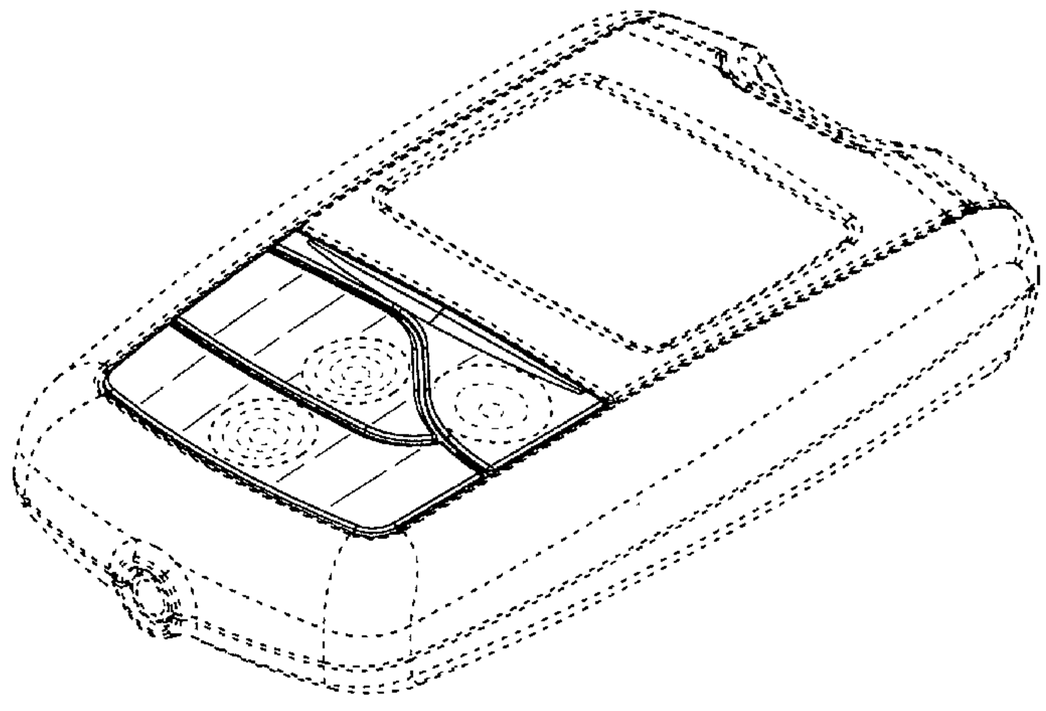
FIG. **6** is a first side view thereof;

FIG. **7** is a second side view thereof; and,

FIG. **8** is a bottom plan view thereof.

The feature shown in broken lines in various Figures are for illustrating reference or environmental structure.

1 Claim, 5 Drawing Sheets



U.S. PATENT DOCUMENTS

D304,306	S	10/1989	Kagayama
D307,399	S	4/1990	Collister
D314,155	S	1/1991	Toivonen
D316,823	S	5/1991	Dadachanji
5,019,974	A	5/1991	Beckers
D319,250	S	8/1991	Iinuma
D319,988	S	9/1991	Ueda
5,077,476	A	12/1991	Rosenthal
D323,893	S	2/1992	Arioka
D324,344	S	3/1992	Collister et al.
5,216,597	A	6/1993	Beckers
D339,537	S	9/1993	Willnauer et al.
D346,602	S	5/1994	Robertson
D346,751	S	5/1994	Emori
D346,753	S	5/1994	Barbookles et al.
5,315,236	A	5/1994	Lee
D349,252	S	8/1994	Hurd
D349,860	S	8/1994	Omuro
D351,023	S	9/1994	Walters
D354,921	S	1/1995	Narayanan
D360,151	S	7/1995	Kim
D360,840	S	8/1995	Brockway
D360,841	S	8/1995	Stevens
D363,237	S	10/1995	Alaise
D363,287	S	10/1995	Laituri
D364,105	S	11/1995	Omuro
D366,042	S	1/1996	Laituri
D366,463	S	1/1996	Ive et al.
D368,264	S	3/1996	Ive et al.
D369,563	S	5/1996	Mechan
D371,517	S	7/1996	Narayanan
D371,605	S	7/1996	Wong et al.
D371,748	S	7/1996	Narayanan
D373,121	S	8/1996	Deiulis et al.
D374,405	S	10/1996	Rawsthorne
D381,280	S	7/1997	Tomiyama et al.
D382,498	S	8/1997	Warwick
5,665,215	A	9/1997	Bussmann et al.
5,695,623	A	12/1997	Michel et al.
D390,139	S	2/1998	Tomiyama et al.
D393,313	S	4/1998	Meisner et al.
D395,020	S	6/1998	Reichow
D395,242	S	6/1998	Yamakoshi
D396,657	S	8/1998	Nagai et al.
D401,520	S	11/1998	Beha
D401,522	S	11/1998	Ueda et al.
D407,031	S	3/1999	Bourgeois
D413,538	S	9/1999	Chen
D414,125	S	9/1999	Chen
D415,440	S	10/1999	Beadsworth
D416,820	S	11/1999	Tanaka et al.
D417,504	S	12/1999	Love et al.
5,997,475	A	12/1999	Bortz
D419,894	S	2/2000	Luo et al.
D419,895	S	2/2000	Nagashima et al.
D421,229	S	2/2000	Imai
D422,519	S	4/2000	Ueda et al.
D423,102	S	4/2000	Mertenat
D423,960	S	5/2000	Tam
D424,696	S	5/2000	Ray et al.
D428,493	S	7/2000	Radwanski et al.
D428,654	S	7/2000	Schlesinger et al.
D429,527	S	8/2000	Bolam et al.
6,106,780	A	8/2000	Douglas et al.
D430,499	S	9/2000	Sakakibara et al.
D432,934	S	10/2000	Simbeck et al.
6,136,610	A	10/2000	Polito et al.
D435,470	S	12/2000	Suh
D435,471	S	12/2000	Simbeck et al.
D435,796	S	1/2001	Tomiyama et al.
D437,058	S	1/2001	Gozani et al.
6,168,563	B1	1/2001	Brown
D444,235	S	6/2001	Roberts et al.
6,246,966	B1	6/2001	Perry
D445,351	S	7/2001	Yamauchi et al.
D446,737	S	8/2001	Olson
D447,070	S	8/2001	Chen
D452,659	S	1/2002	Harju et al.
D452,830	S	1/2002	Harju et al.
D453,905	S	2/2002	Cheng
6,377,894	B1	4/2002	Deweese et al.
D457,824	S	5/2002	Tan et al.
D460,557	S	7/2002	Steinberg et al.
D460,925	S	7/2002	Arnoux et al.
D462,024	S	8/2002	Nardo et al.
D465,026	S	10/2002	May et al.
6,461,331	B1	10/2002	Van Antwerp
D469,107	S	1/2003	Miller et al.
D469,109	S	1/2003	Andre et al.
6,513,532	B2	2/2003	Mault et al.
6,514,460	B1	2/2003	Fendrock
D471,280	S	3/2003	Jaeck
D472,245	S	3/2003	Andre et al.
D473,310	S	4/2003	Schlagheck et al.
6,562,625	B2	5/2003	Modzelewski et al.
D476,911	S	7/2003	Chen
D477,540	S	7/2003	Chen
D478,053	S	8/2003	Andre et al.
6,604,050	B2	8/2003	Trippel et al.
D481,963	S	11/2003	Onuma et al.
D482,452	S	11/2003	Davey et al.
D483,680	S	12/2003	Chen
D484,818	S	1/2004	Krieter
D491,084	S	6/2004	Olson
D491,822	S	6/2004	Holbein
6,743,635	B2	6/2004	Neel et al.
D495,418	S	8/2004	Rounds et al.
D497,618	S	10/2004	Andre et al.
6,810,290	B2	10/2004	Lebel et al.
D499,805	S	12/2004	D'Agostino
6,837,858	B2	1/2005	Cunningham et al.
D503,119	S	3/2005	Motomizu
D504,074	S	4/2005	Tsujimura
D504,334	S	4/2005	Tsujimura
D505,950	S	6/2005	Summit et al.
D506,476	S	6/2005	Andre et al.
D506,832	S	6/2005	Neel
D507,657	S	7/2005	Neel
D508,028	S	8/2005	Deubler et al.
D508,215	S	8/2005	Grygo
D508,862	S	8/2005	Behar et al.
D509,451	S	9/2005	Tsujimura
6,946,299	B2	9/2005	Neel et al.
D510,287	S	10/2005	Chen
D510,711	S	10/2005	Syme et al.
6,953,693	B2	10/2005	Neel et al.
6,959,247	B2	10/2005	Neel et al.
D511,113	S	11/2005	Feldman et al.
6,964,871	B2	11/2005	Bell et al.
D512,655	S	12/2005	McGugan
D513,598	S	1/2006	Bingham, Jr.
D514,005	S	1/2006	Gregorec, Jr. et al.
D514,006	S	1/2006	Kaar et al.
D516,217	S	2/2006	Brown et al.
6,997,344	B2	2/2006	Brown et al.
D516,576	S	3/2006	Ive et al.
D518,290	S	4/2006	Andre et al.
D518,397	S	4/2006	Sydlowski et al.
D519,047	S	4/2006	Sydlowski et al.
7,022,072	B2	4/2006	Fox et al.
7,024,236	B2	4/2006	Ford et al.
D519,864	S	5/2006	Bingham, Jr. et al.
D520,388	S	5/2006	Sydlowski et al.
D520,391	S	5/2006	Motomizu et al.

D520,888	S		5/2006	Sydlowski et al.
D520,893	S		5/2006	Sato
D521,402	S		5/2006	Kobayakawa
7,037,196	B2		5/2006	Kobayashi et al.
D522,656	S		6/2006	Orr et al.
D522,657	S		6/2006	Murphy et al.
D527,176	S		8/2006	Andre et al.
D527,723	S		9/2006	Andre et al.
D528,933	S		9/2006	Hunter et al.
D529,044	S		9/2006	Andre et al.
D530,340	S		10/2006	Andre et al.
D530,424	S		10/2006	Manser et al.
D534,444	S		1/2007	Wallace
D534,921	S		1/2007	Andre et al.
D535,308	S		1/2007	Andre et al.
7,160,251	B2		1/2007	Neel et al.
7,179,226	B2		2/2007	Crothall et al.
7,181,350	B2		2/2007	Oberding et al.
D538,822	S		3/2007	Andre et al.
D539,680	S		4/2007	Liu et al.
D539,814	S		4/2007	Andre et al.
D541,297	S		4/2007	Andre et al.
D541,298	S		4/2007	Andre et al.
D541,299	S		4/2007	Andre et al.
D542,306	S		5/2007	Andre et al.
D542,681	S		5/2007	Young
D542,808	S		5/2007	Andre et al.
7,223,235	B2		5/2007	Brown et al.
7,223,236	B2		5/2007	Brown et al.
D543,878	S		6/2007	Castillo
D544,385	S		6/2007	Ozawa
D545,436	S		6/2007	Padain
D545,438	S		6/2007	Huang et al.
D545,705	S		7/2007	Voege
D546,216	S		7/2007	Bolognesi
D546,218	S	*	7/2007	Grasso et al. D10/81
D546,456	S		7/2007	May
D546,457	S		7/2007	Hannant et al.
D546,458	S		7/2007	Hannant
D546,952	S		7/2007	May
D547,216	S		7/2007	Rounds et al.
7,241,265	B2		7/2007	Cummings et al.
D548,347	S		8/2007	Ichino et al.
D548,744	S		8/2007	Andre et al.
D548,745	S		8/2007	Andre et al.
D548,746	S		8/2007	Andre et al.
D548,747	S		8/2007	Andre et al.
D549,237	S		8/2007	Andre et al.
7,256,714	B2		8/2007	Philipp et al.
7,258,666	B2		8/2007	Brown et al.
D550,364	S		9/2007	Glover et al.
D551,252	S		9/2007	Andre et al.
D551,578	S		9/2007	Kuriger et al.
D551,680	S		9/2007	Andre et al.
7,264,591	B2		9/2007	Brown et al.
D553,129	S		10/2007	Andre et al.
7,276,146	B2		10/2007	Wilsey
7,276,147	B2		10/2007	Wilsey
D555,525	S	*	11/2007	Chong et al. D10/78
D556,155	S		11/2007	Andre et al.
D557,234	S		12/2007	Kim et al.
7,323,141	B2		1/2008	Kirchhevel et al.
D561,905	S		2/2008	Ramel et al.
D570,717	S	*	6/2008	Elrod D10/78
2001/0011224	A1		8/2001	Brown
2001/0056328	A1		12/2001	Trippel et al.
2002/0047867	A1		4/2002	Mault et al.
2002/0068157	A1		6/2002	Wischerhoff
2002/0109600	A1		8/2002	Mault et al.
2002/0170823	A1		11/2002	Housefield et al.
2003/0021729	A1		1/2003	Moller et al.
2003/0032190	A1		2/2003	Brown et al.
2003/0032867	A1		2/2003	Crothall et al.
2003/0032868	A1		2/2003	Graskov et al.
2003/0055406	A1		3/2003	Lebel et al.
2003/0060765	A1		3/2003	Campbell et al.
2003/0065308	A1		4/2003	Lebel et al.
2003/0111357	A1		6/2003	Black
2003/0125612	A1		7/2003	Fox et al.
2003/0138356	A1		7/2003	Gilmour et al.
2003/0144582	A1		7/2003	Cohen et al.
2003/0163088	A1		8/2003	Blomquist
2003/0203498	A1		10/2003	Neel et al.
2003/0208113	A1		11/2003	Mault et al.
2003/0211617	A1		11/2003	Jones
2003/0212379	A1		11/2003	Bylund et al.
2004/0015102	A1		1/2004	Cummings et al.
2004/0038411	A1		2/2004	Hayter et al.
2004/0039255	A1		2/2004	Simonsen et al.
2004/0048394	A1		3/2004	Kirchhevel
2004/0057340	A1		3/2004	Charles-Erickson et al.
2004/0058433	A1		3/2004	Yu et al.
2004/0059201	A1		3/2004	Ginsberg
2004/0069793	A1		4/2004	Brown et al.
2004/0079653	A1		4/2004	Karinka et al.
2004/0094432	A1		5/2004	Neel et al.
2004/0094433	A1		5/2004	Neel et al.
2004/0096991	A1		5/2004	Zhang
2004/0099540	A1		5/2004	Neel et al.
2004/0104131	A1		6/2004	Neel et al.
2004/0106855	A1		6/2004	Brown
2004/0107116	A1		6/2004	Brown
2004/0117207	A1		6/2004	Brown
2004/0117208	A1		6/2004	Brown
2004/0117209	A1		6/2004	Brown
2004/0117210	A1		6/2004	Brown
2004/0118704	A1		6/2004	Wang et al.
2004/0153585	A1		8/2004	Kawatahara et al.
2004/0157339	A1		8/2004	Nurke et al.
2004/0172284	A1		9/2004	Sullivan et al.
2004/0182703	A1		9/2004	Bell et al.
2004/0197935	A1		10/2004	Forrow et al.
2004/0199409	A1		10/2004	Brown
2004/0217019	A1		11/2004	Cai et al.
2004/0219694	A1		11/2004	Chittock et al.
2004/0223877	A1		11/2004	Kim et al.
2004/0259180	A1		12/2004	Burke et al.
2005/0009126	A1		1/2005	Andrews et al.
2005/0019848	A1		1/2005	Lee et al.
2005/0033603	A1		2/2005	Suzuki et al.
2005/0038332	A1		2/2005	Saidara et al.
2005/0045476	A1		3/2005	Neel et al.
2005/0049179	A1		3/2005	Davidson et al.
2005/0056539	A1		3/2005	Morgan et al.
2005/0059895	A1		3/2005	Brown
2005/0065760	A1		3/2005	Murtfeldt et al.
2005/0067277	A1		3/2005	Pierce et al.
2005/0074368	A1		4/2005	Moller et al.
2005/0080652	A1		4/2005	Brown
2005/0086083	A1		4/2005	Brown
2005/0109618	A1		5/2005	Davies
2005/0133368	A1		6/2005	Davies et al.
2005/0137530	A1		6/2005	Campbell et al.
2005/0139469	A1		6/2005	Davies et al.
2005/0143675	A1		6/2005	Neel et al.
2005/0143864	A1		6/2005	Blomquist
2005/0161344	A1		7/2005	Kermani et al.
2005/0163657	A1		7/2005	Childers et al.
2005/0176153	A1		8/2005	Ohara et al.
2005/0183965	A1		8/2005	Davies et al.
2005/0192492	A1		9/2005	Cho et al.
2005/0197553	A1		9/2005	Cooper
2005/0227370	A1		10/2005	Ramel et al.
2005/0239156	A1		10/2005	Drucker et al.
2005/0240119	A1		10/2005	Draudt et al.
2005/0240444	A1		10/2005	Wooten et al.

2005/0245904	A1	11/2005	Estes et al.
2005/0256739	A1	11/2005	Brown
2005/0260769	A1	11/2005	Jonsson et al.
2005/0287499	A1	12/2005	Yeager
2006/0004611	A1	1/2006	Brown
2006/0009705	A1	1/2006	Brown
2006/0009706	A1	1/2006	Brown
2006/0010014	A1	1/2006	Brown
2006/0064035	A1	3/2006	Wang et al.
2006/0074324	A1	4/2006	Wu et al.
2006/0080152	A1	4/2006	Brown
2006/0100910	A1	5/2006	Brown
2006/0132292	A1	6/2006	Blomquist
2006/0144704	A1	7/2006	Ghesquiere et al.
2006/0178914	A1	8/2006	Brown
2006/0191787	A1	8/2006	Wang et al.
2006/0201805	A1	9/2006	Forrow et al.
2006/0229502	A1	10/2006	Pollock et al.
2006/0231421	A1	10/2006	Diamond et al.
2006/0231423	A1	10/2006	Harding et al.
2006/0247951	A1	11/2006	Brown
2006/0260940	A1	11/2006	McAleer et al.
2006/0279431	A1	12/2006	Bakarania et al.
2006/0286620	A1	12/2006	Werner et al.
2007/0025877	A1	2/2007	Hansen
2007/0048878	A1	3/2007	Carroll et al.
2007/0061167	A1	3/2007	Brown
2007/0065342	A1	3/2007	Brown et al.
2007/0087397	A1	4/2007	Kraft et al.
2007/0094049	A1	4/2007	Brown
2007/0100665	A1	5/2007	Brown
2007/0118403	A1	5/2007	Brown
2007/0118404	A1	5/2007	Brown
2007/0118588	A1	5/2007	Brown
2007/0118589	A1	5/2007	Brown
2007/0167693	A1	7/2007	Scholler et al.
2007/0170054	A2	7/2007	Wilsey
2007/0170055	A2	7/2007	Wilsey
2007/0179352	A1	8/2007	Randlov et al.
2007/0213603	A1	9/2007	Brown
2007/0213604	A1	9/2007	Brown
2007/0213605	A1	9/2007	Brown
2007/0213608	A1	9/2007	Brown
2007/0218543	A1	9/2007	Flaherty et al.
2007/0230155	A1	10/2007	Christol et al.
2007/0231209	A1	10/2007	Cosentino et al.
2007/0231846	A1	10/2007	Cosentino et al.
2007/0255114	A1	11/2007	Ackermann et al.
2007/0255123	A1	11/2007	Cummings et al.
2007/0255126	A1	11/2007	Moberg et al.
2007/0266871	A1	11/2007	Wegner et al.
2007/0276209	A1	11/2007	Emoto et al.
2007/0276621	A1	11/2007	Davies et al.
2007/0281321	A1	12/2007	Nagale et al.
2007/0287182	A1	12/2007	Morris et al.
2007/0287895	A1	12/2007	Brown
2007/0287985	A1	12/2007	Estes et al.
2007/0289881	A1	12/2007	Forrow et al.
2007/0299321	A1	12/2007	Brown
2008/0011059	A1	1/2008	Davies et al.
2008/0023326	A1	1/2008	Forrow et al.
2008/0026473	A1	1/2008	Wang et al.
2008/0035478	A1	2/2008	Wegner et al.
2008/0039885	A1	2/2008	Purcell
2008/0045825	A1	2/2008	Melker et al.
2008/0073207	A1	3/2008	Teodorczyk et al.
2008/0114228	A1	5/2008	McCluskey et al.
2008/0171967	A1	7/2008	Blomquist et al.
2008/0172026	A1	7/2008	Blomquist
2008/0172027	A1	7/2008	Blomquist
2008/0172028	A1	7/2008	Blomquist
2008/0172029	A1	7/2008	Blomquist
2008/0172030	A1	7/2008	Blomquist
2008/0172031	A1	7/2008	Blomquist
2008/0177149	A1	7/2008	Weinert et al.
2008/0194934	A1	8/2008	Ray et al.

FOREIGN PATENT DOCUMENTS

EP	0290683	A2	11/1988
EP	0128054	B1	12/1988
EP	0883371	B1	10/2001
EP	1413245	A2	4/2004
EP	1144028	B1	6/2004
EP	1733678	A1	12/2006
GB	2159625	A	12/1985
TW	D567018		12/2003
TW	D100248		9/2004
WO	94/011831		5/1994
WO	02/024065		3/2002
WO	2004/008956	A2	1/2004
WO	04/056261	A1	7/2004
WO	2005/106446	A1	11/2005
WO	05/121785	A2	12/2005
WO	2005/112554	A2	12/2005
WO	2006/066038	A2	6/2006
WO	2006/072035	A1	7/2006
WO	2007/019384	A1	2/2007

OTHER PUBLICATIONS

Owner's Booklet Manual del propietario, "OneTouch UltraMini Blood Glucose Monitoring System Sistema de supervision de glucos en sangre"; 2006LifeScan, Inc. Milpitas, CA 95035 Rev. Apr. 2006.
Owner's Booklet, "Accu-Chek Advantage"; 2004 Roche Diagnostics, Indianapolis, IN 46256.
Owner's Booklet, "Accu-Check Advantage"; 2003 Roche diagnostics, Indianapolis, IN 46256.
Owner's Booklet, "Accu-Check Aviva Blood Glucose Meter" 2007 Roche Diagnostics, Indianapolis, IN 46256.
Owner's Booklet, "Accu-Chek Complete" Roche Diagnostics, Indianapolis, IN 46256.
Owner's Booklet, "OneTouch UltraSmart OneTouch changes everything" 2006 LifeScan, Inc., Milpitas, CA 95035 Rev. Apr. 2006.

* cited by examiner

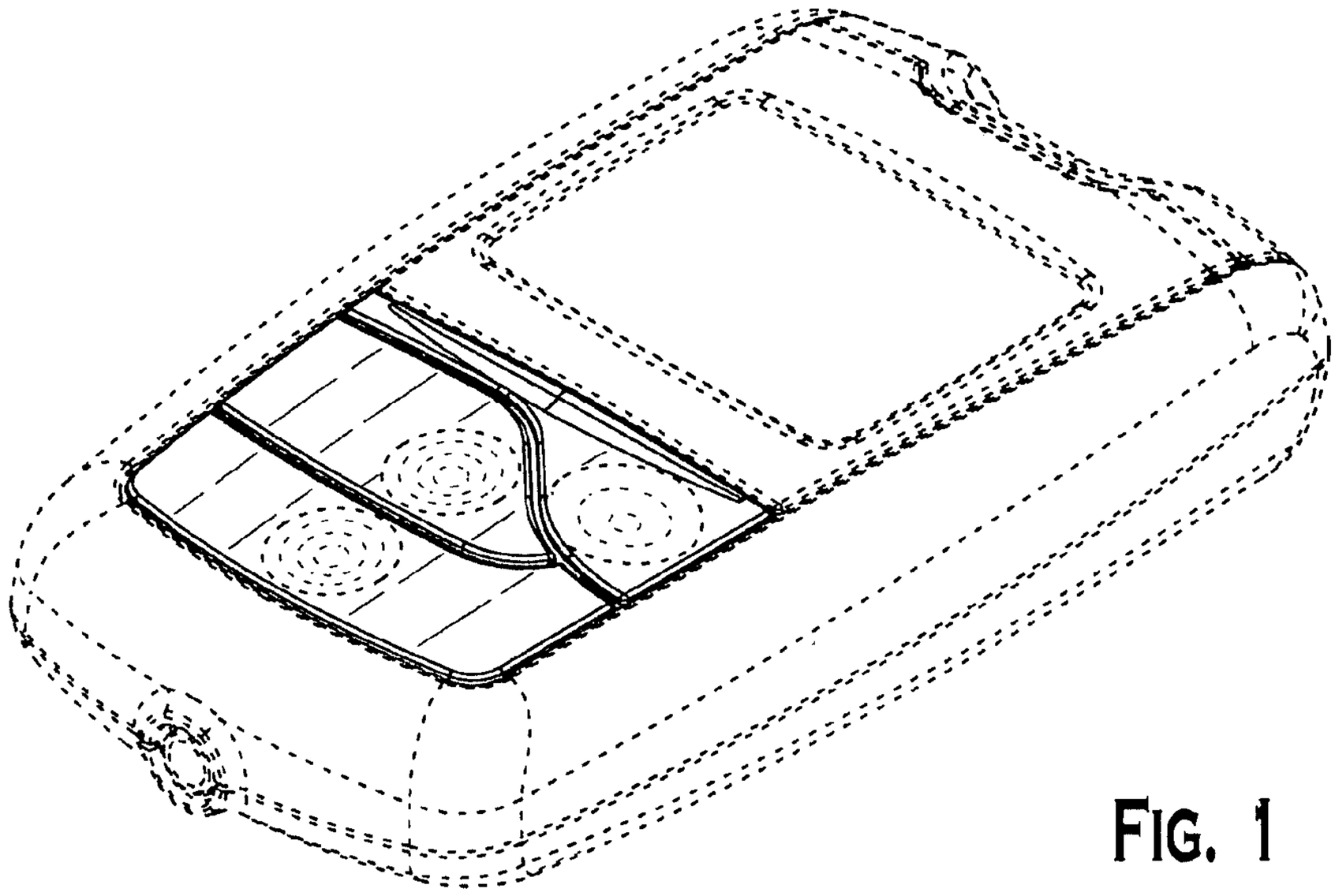


FIG. 1

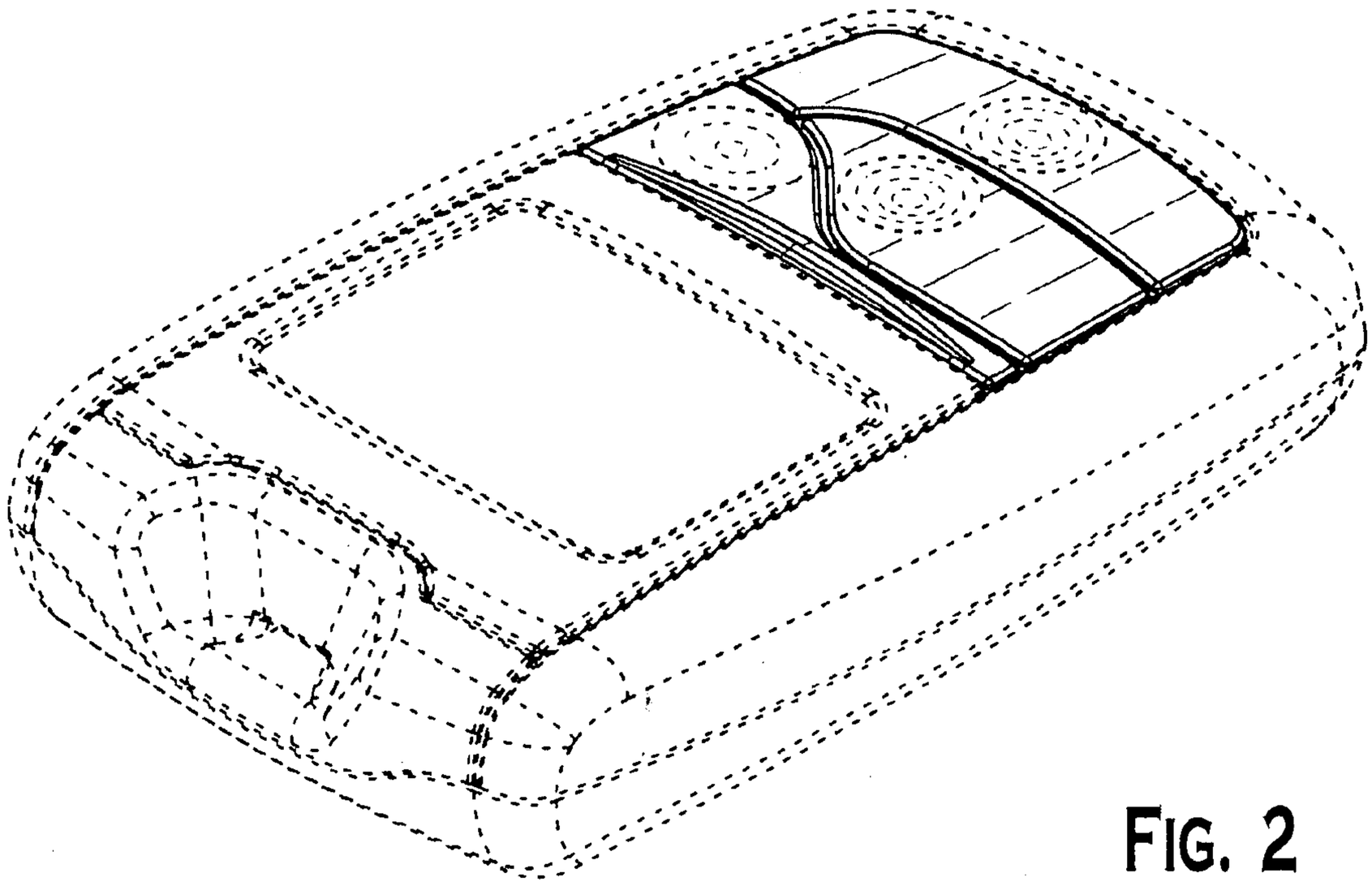
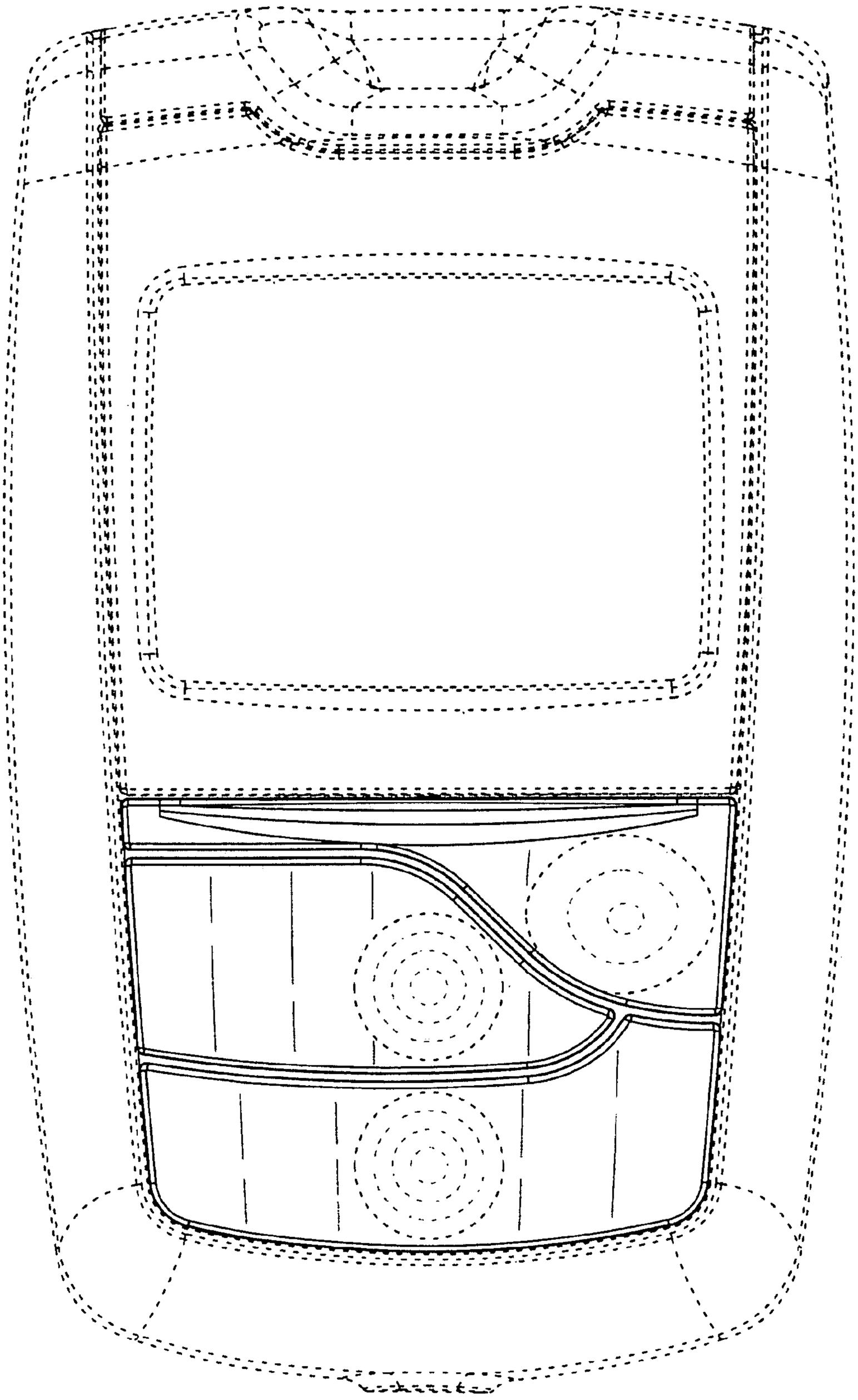


FIG. 2

FIG. 3



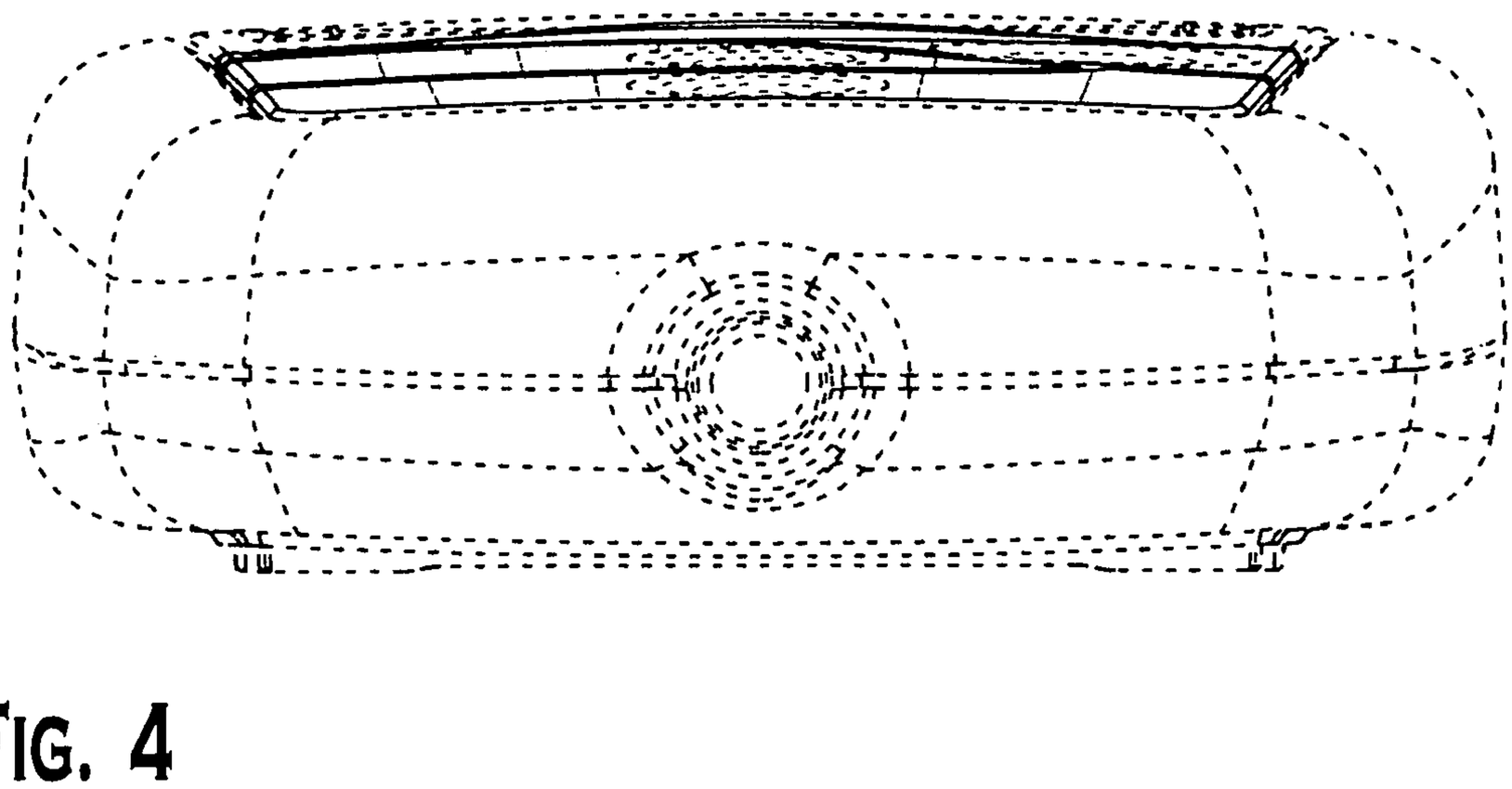


FIG. 4

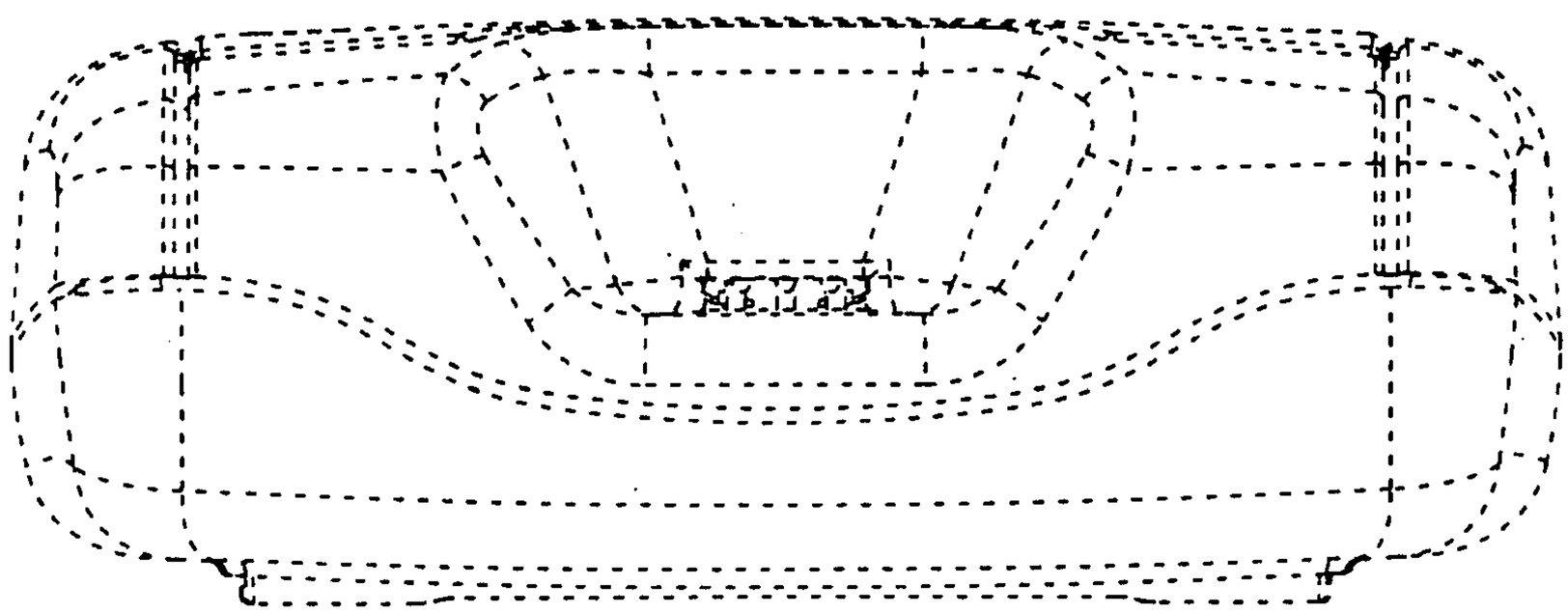


FIG. 5

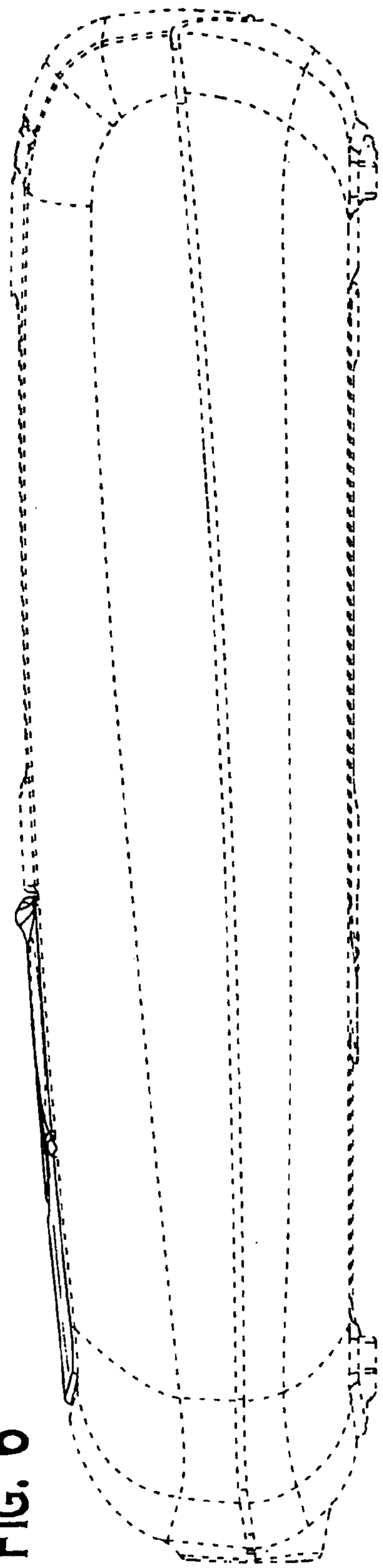


FIG. 6

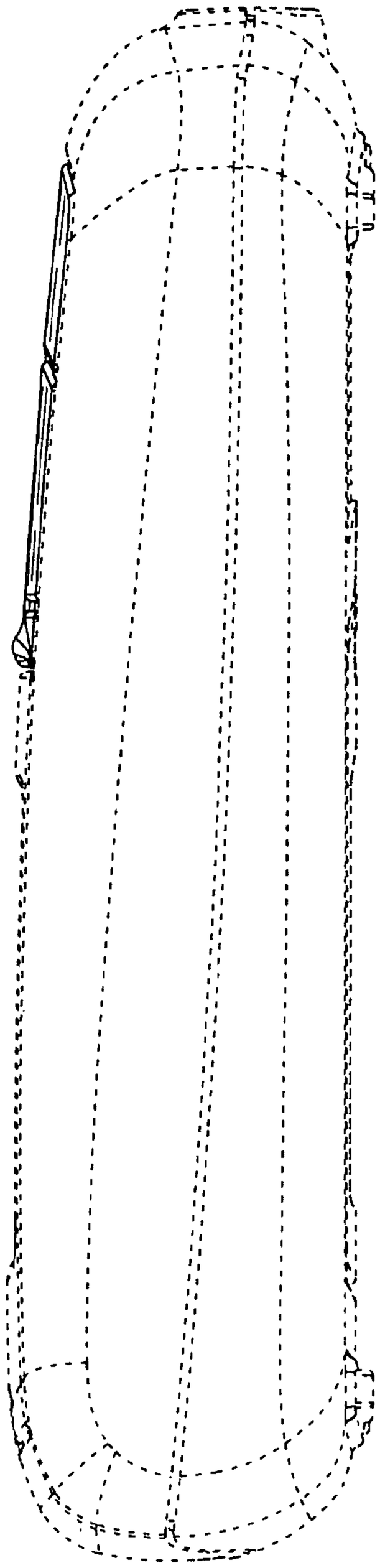


FIG. 7

FIG. 8

