US00D680454S

(12) United States Design Patent

Simmons et al.

(10) Patent No.: US D680,454 S
(45) Date of Patent: ** Apr. 23, 2013

(54) **ANALYTE METER AND STRIP PORT**

(75) Inventors: **Matthew Simmons**, Pleasanton, CA (US); **Frederic Arbogast**, San Ramon, CA (US); **Cherie Bulala**, Berkeley, CA (US); **Christopher Myles**, Alameda, CA (US); **Bonita Song**, Oakland, CA (US)

(73) Assignee: **Abbott Diabetes Care Inc.**, Alameda, CA (US)

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

(21) Appl. No.: **29/404,782**

(22) Filed: **Oct. 25, 2011**

(51) **LOC (9) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/81**; D10/78

(58) **Field of Classification Search** ..... D10/78, D10/81; D24/216; 128/897; 174/137 R; 203/57; 204/253, 400, 403.01, 403.02, 403.04, 204/403.05, 403.1, 403.11, 403.14; 205/775, 205/777.5, 778, 792; 221/135, 65; 235/451, 235/422.01; 29/593, 830, 846; 324/754.03; 343/713; 356/446; 361/321.3, 679.1; 422/400, 422/401, 404, 63, 68.1; 434/307 R; 435/13, 435/14, 287.7, 287.94, 6.18; 436/44, 514, 436/530, 95; 600/300, 301, 309, 322, 345, 600/347, 365, 393, 578, 583, 584; 604/207, 604/503, 65, 66, 67, 182; 702/19, 22; 73/431, 73/864.73

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,150,863 A 4/1979 Krafthefer et al.
4,494,809 A 1/1985 Soloman
4,533,202 A 8/1985 Pohl

(Continued)

FOREIGN PATENT DOCUMENTS

DE 202006013075 11/2006
EP 1112717 7/2001

(Continued)

OTHER PUBLICATIONS

International Search Report for PCT Application No. PCT/US2009/050119, dated Jan. 18, 2010.
International Search Report for PCT Application No. PCT/US2011/057741, dated Mar. 6, 2012.

Primary Examiner — Antoine D Davis
(74) *Attorney, Agent, or Firm* — Edward J. Baba; Bozicevic, Field & Francis LLP

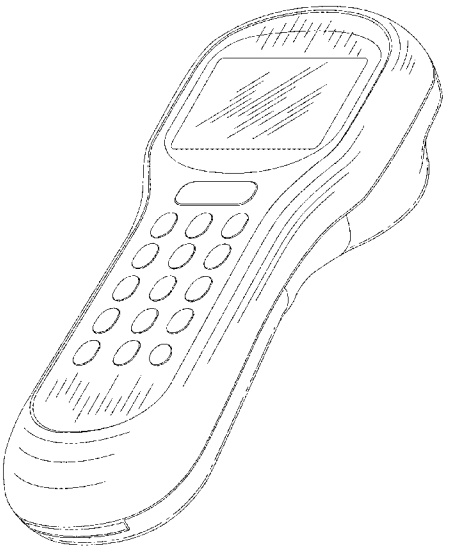
(57) **CLAIM**

The ornamental design for the analyte meter and strip port, as shown and described.

DESCRIPTION

FIG. **1** is a is a perspective view of an analyte meter, showing our new design,
FIG. **2** is a first side view of the analyte meter of FIG. **1**,
FIG. **3** is a top view of the analyte meter of FIG. **1**.
FIG. **4** is a second side view of the analyte meter of FIG. **1**,
FIG. **5** is a bottom view of the analyte meter of FIG. **1**,
FIG. **6** is a front view of the analyte meter of FIG. **1**,
FIG. **7** is a rear view of the analyte meter of FIG. **1**,
FIG. **8** is a is a perspective view of a strip port, showing our new design,
FIG. **9** is a first side view of the strip port of FIG. **8**,
FIG. **10** is a top view of the strip port of FIG. **8**.
FIG. **11** is a second side view of the strip port of FIG. **8**,
FIG. **12** is a front view of the strip port of FIG. **8**; and,
FIG. **13** is a rear view of the strip port of FIG. **8**.

1 Claim, 13 Drawing Sheets



U.S. PATENT DOCUMENTS

4,545,382	A	10/1985	Higgins et al.
4,711,245	A	12/1987	Higgins et al.
4,774,192	A	9/1988	Terminiello et al.
4,868,711	A	9/1989	Hirama et al.
4,911,344	A	3/1990	Kahler
4,940,422	A	7/1990	Forish et al.
5,217,388	A	6/1993	Brown
5,262,035	A	11/1993	Gregg et al.
5,262,305	A	11/1993	Heller et al.
5,264,014	A	11/1993	Lannefors et al.
5,279,294	A	1/1994	Anderson et al.
5,320,715	A	6/1994	Berg
5,356,786	A	10/1994	Heller et al.
5,391,094	A	2/1995	Kakinoki et al.
5,509,410	A	4/1996	Hill et al.
5,526,120	A	6/1996	Jina et al.
5,536,249	A	7/1996	Castellano et al.
D376,763	S	12/1996	Flora et al.
5,593,323	A	1/1997	Dernehl
5,593,852	A	1/1997	Heller et al.
5,601,435	A	2/1997	Quy
5,628,890	A	5/1997	Carter et al.
5,705,936	A	1/1998	Gibson et al.
5,708,247	A	1/1998	McAleer et al.
5,820,551	A	10/1998	Hill et al.
5,822,715	A	10/1998	Worthington et al.
5,899,855	A	5/1999	Brown
5,918,603	A	7/1999	Brown
5,925,021	A	7/1999	Castellano et al.
D413,537	S	9/1999	Grossman et al.
5,984,690	A	11/1999	Riechelmann et al.
6,071,391	A	6/2000	Gotoh et al.
6,120,676	A	9/2000	Heller et al.
6,121,009	A	9/2000	Heller et al.
6,143,164	A	11/2000	Heller et al.
6,144,837	A	11/2000	Quy
6,161,095	A	12/2000	Brown
6,175,752	B1	1/2001	Say et al.
6,183,274	B1	2/2001	Allum
6,268,162	B1	7/2001	Phillips et al.
6,270,455	B1	8/2001	Brown
6,281,006	B1	8/2001	Heller et al.
6,284,478	B1	9/2001	Heller et al.
6,299,757	B1	10/2001	Feldman et al.
6,338,790	B1	1/2002	Feldman et al.
6,377,894	B1	4/2002	Deweese et al.
6,431,884	B1	8/2002	Wallace et al.
6,445,350	B2	9/2002	Takenobu
6,461,496	B1	10/2002	Feldman et al.
6,503,381	B1	1/2003	Gotoh et al.
6,506,168	B1	1/2003	Fathallah et al.
6,514,460	B1	2/2003	Fendrock
6,514,718	B2	2/2003	Heller et al.
6,540,891	B1	4/2003	Stewart et al.
6,560,471	B1	5/2003	Heller et al.
6,591,125	B1	7/2003	Buse et al.
6,592,745	B1	7/2003	Feldman et al.
6,600,997	B2	7/2003	Deweese et al.
6,616,819	B1	9/2003	Liamos et al.
6,618,934	B1	9/2003	Feldman et al.
6,638,716	B2	10/2003	Heller et al.
6,676,816	B2	1/2004	Mao et al.
6,679,137	B1	1/2004	Bek
6,730,200	B1	5/2004	Stewart et al.
6,736,957	B1	5/2004	Forrow et al.
6,743,635	B2	6/2004	Neel et al.
6,746,582	B2	6/2004	Heller et al.
6,749,740	B2	6/2004	Liamos et al.
6,764,581	B1	7/2004	Forrow et al.
6,773,671	B1	8/2004	Lewis et al.
6,850,283	B1	2/2005	Tatamiya
6,881,551	B2	4/2005	Heller et al.
6,881,578	B2	4/2005	Otake
6,893,545	B2	5/2005	Gotoh et al.
6,908,008	B2	6/2005	Pugh
6,940,021	B2	9/2005	Pohl et al.
6,942,518	B2	9/2005	Liamos et al.
6,976,624	B2	12/2005	Hsiao
7,041,468	B2	5/2006	Drucker et al.
7,077,328	B2	7/2006	Krishnaswamy et al.
7,167,818	B2	1/2007	Brown
7,172,728	B2	2/2007	Otake
7,179,129	B1	2/2007	Hwang
D540,208	S *	4/2007	Mobley et al. D10/81
7,299,082	B2	11/2007	Feldman et al.
D560,129	S *	1/2008	Rich et al. D10/78
7,337,918	B2	3/2008	Fowler et al.
7,488,216	B2	2/2009	Cho
7,866,026	B1	1/2011	Wang et al.
7,896,703	B2	3/2011	Stafford et al.
8,292,180	B2 *	10/2012	Ehrhart et al. 235/462.02
8,292,810	B2 *	10/2012	Goode et al. 600/365
8,301,395	B2 *	10/2012	Matievich et al. 702/22
8,328,735	B2 *	12/2012	Haar et al. 600/583
2003/0176183	A1	9/2003	Drucker et al.
2003/0191415	A1	10/2003	Moerman et al.
2004/0073095	A1	4/2004	Causey et al.
2004/0086425	A1	5/2004	Jaunakais
2004/0094433	A1	5/2004	Neel et al.
2004/0186365	A1	9/2004	Jin et al.
2004/0254434	A1	12/2004	Goodnow et al.
2004/0267300	A1	12/2004	Mace
2005/0121826	A1	6/2005	Hajizadeh et al.
2005/0154271	A1	7/2005	Rasdal et al.
2005/0169810	A1	8/2005	Hagen et al.
2005/0281706	A1	12/2005	Funke et al.
2006/0025662	A1	2/2006	Buse et al.
2006/0030789	A1	2/2006	Allen
2006/0040333	A1	2/2006	Zocchi
2006/0091006	A1	5/2006	Wang et al.
2006/0148096	A1	7/2006	Jina
2006/0224141	A1	10/2006	Rush et al.
2007/0068807	A1	3/2007	Feldman et al.
2007/0095661	A1	5/2007	Wang et al.
2007/0100222	A1	5/2007	Mastrototaro et al.
2007/0108048	A1	5/2007	Wang et al.
2007/0149897	A1	6/2007	Ghesquiere et al.
2007/0199818	A1	8/2007	Petyt et al.
2007/0233395	A1	10/2007	Neel et al.
2007/0247793	A1	10/2007	Carnevali
2008/0066305	A1	3/2008	Wang et al.
2008/0099332	A1	5/2008	Scott et al.
2008/0102441	A1	5/2008	Chen et al.
2008/0119709	A1	5/2008	Wang et al.
2008/0148873	A1	6/2008	Wang
2008/0167578	A1	7/2008	Bryer et al.
2008/0234559	A1	9/2008	Arbogast et al.
2008/0267823	A1	10/2008	Wang et al.
2008/0269673	A1	10/2008	Butio et al.
2009/0018411	A1	1/2009	Mace et al.
2009/0095625	A1	4/2009	Forrow et al.
2009/0187351	A1	7/2009	Orr et al.
2009/0255811	A1	10/2009	Forrow et al.
2009/0270696	A1	10/2009	Arbogast et al.
2010/0015649	A1	1/2010	Day
2010/0064800	A1	3/2010	Stafford et al.
2010/0198034	A1	8/2010	Thomas et al.
2010/0198142	A1	8/2010	Sloan et al.
2010/0213057	A1	8/2010	Feldman et al.
2010/0324392	A1	12/2010	Yee et al.
2010/0326842	A1	12/2010	Mazza et al.
2010/0331652	A1	12/2010	Groll et al.
2011/0040246	A1	2/2011	Galasso
2011/0184264	A1	7/2011	Galasso et al.
2012/0100601	A1	4/2012	Simmons et al.

FOREIGN PATENT DOCUMENTS

EP	1543935	6/2005
EP	1712910	10/2006
EP	1729128	12/2006
FR	2674379	9/1992
GB	1170256	11/1969
WO	WO 2005096446	10/2005
WO	WO 2006002432	1/2006
WO	WO 2007097746	8/2007

* cited by examiner

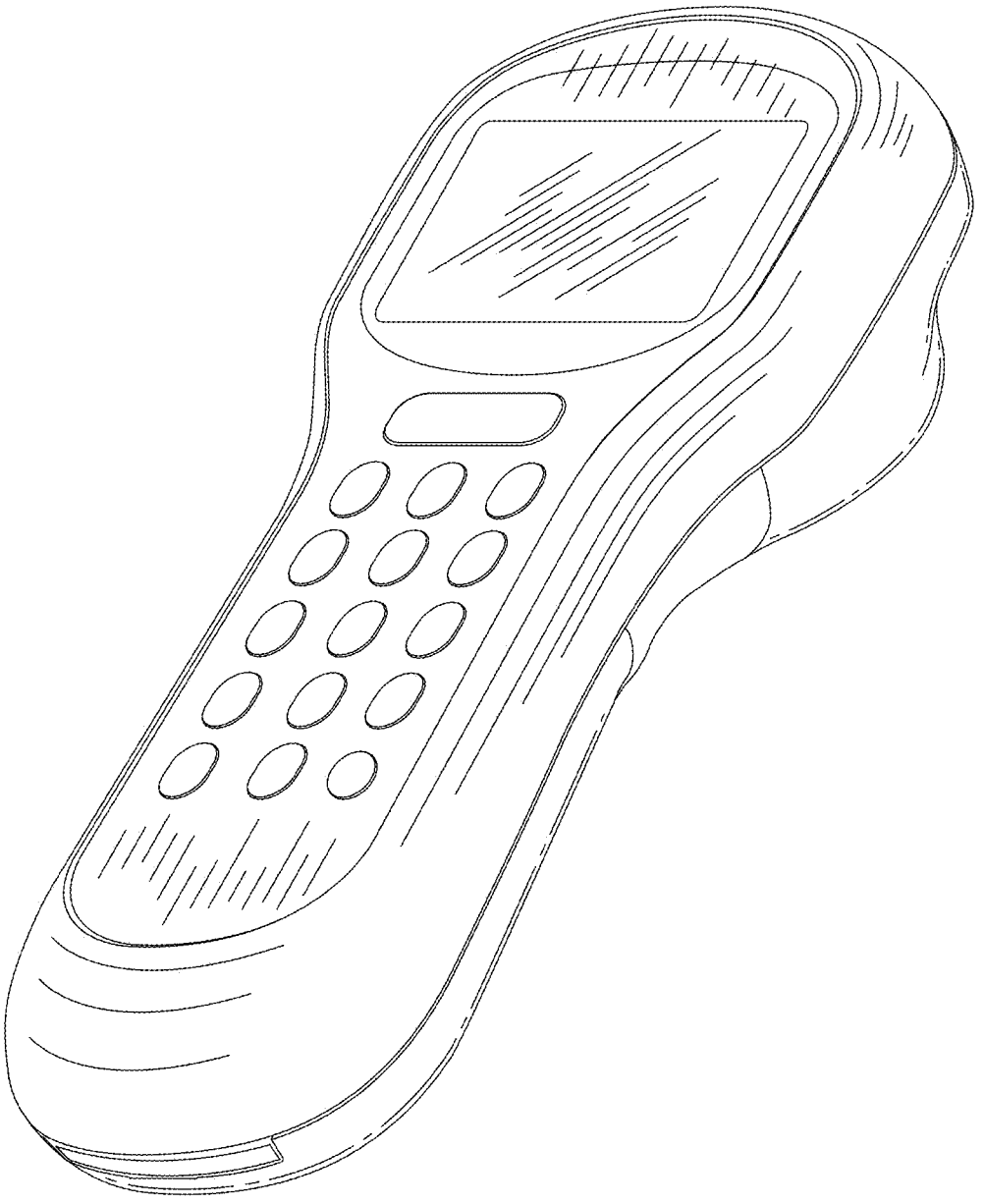


FIG. 1

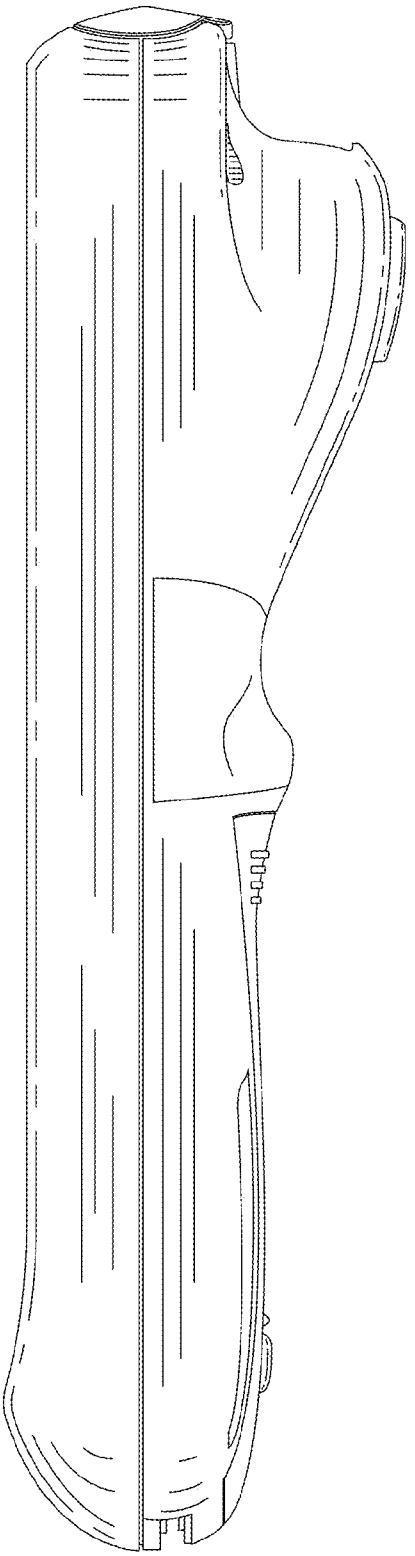


FIG. 2

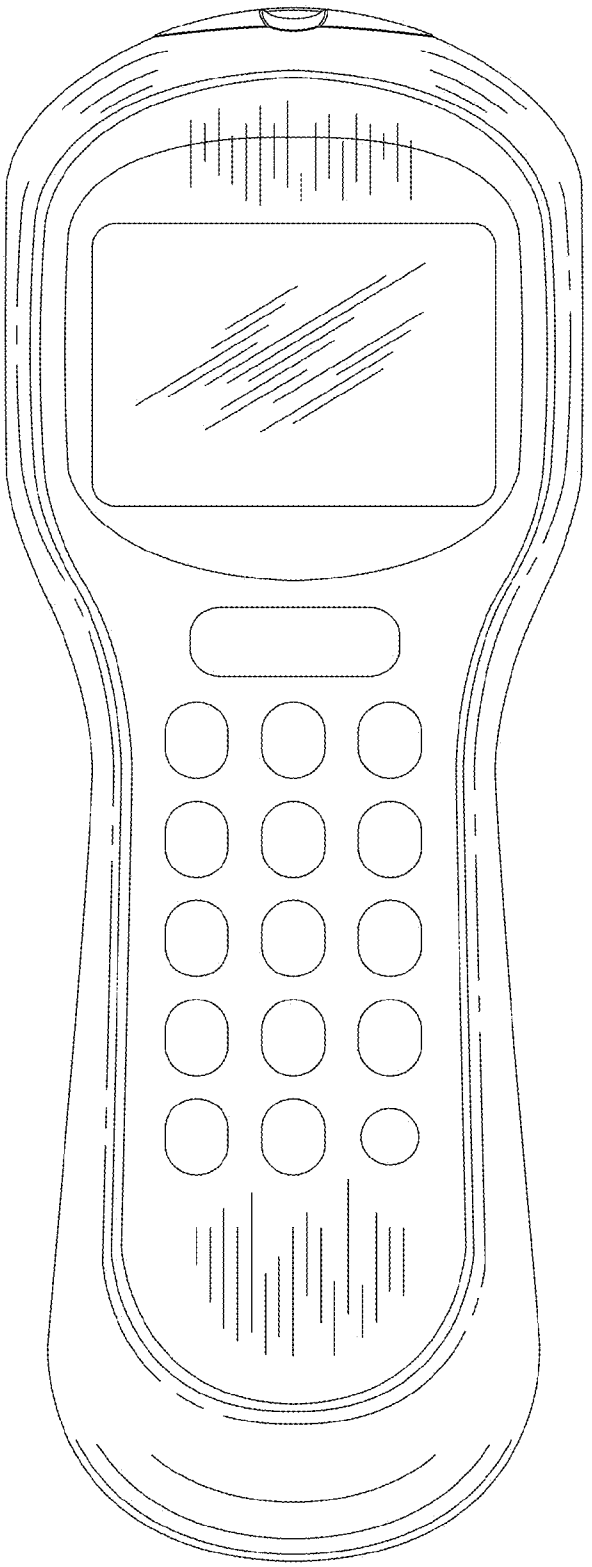


FIG. 3

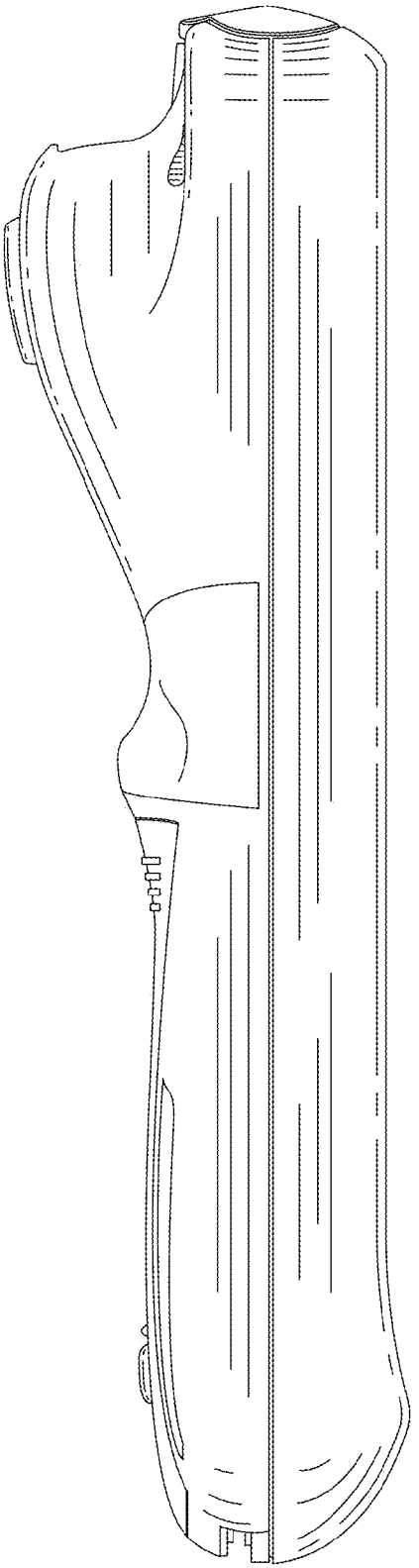


FIG. 4

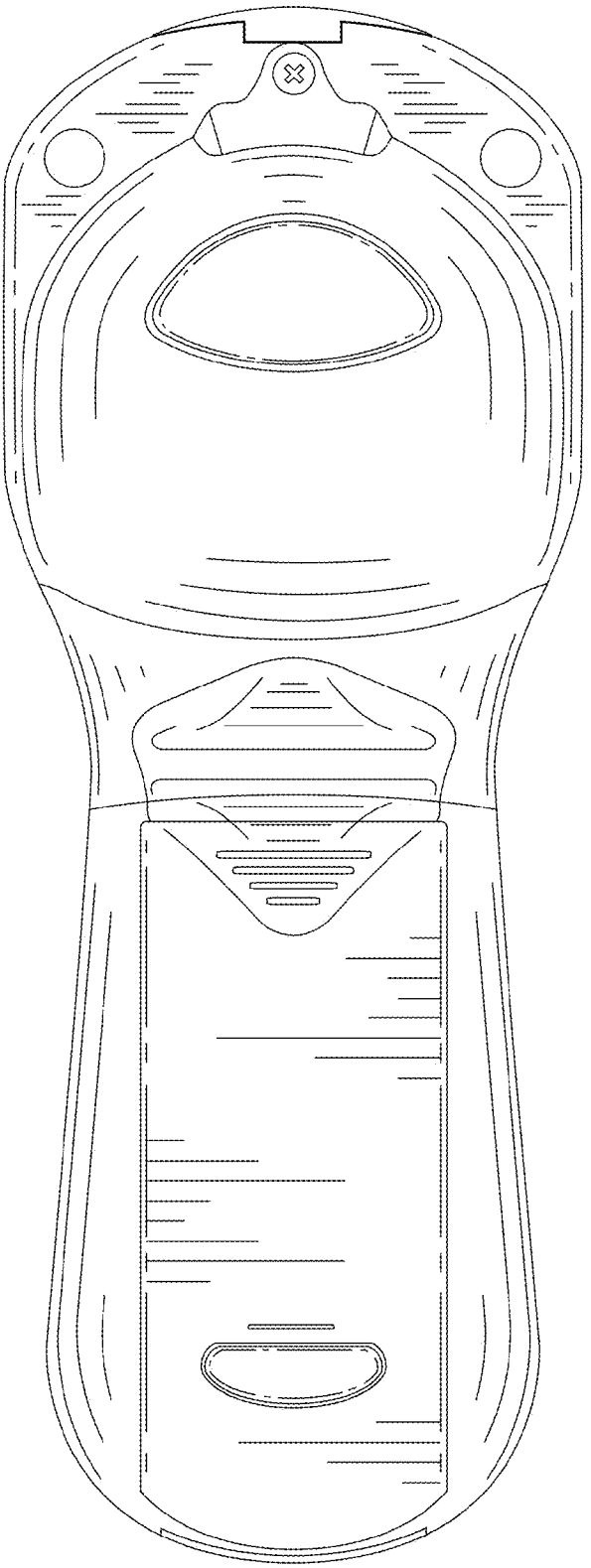


FIG. 5

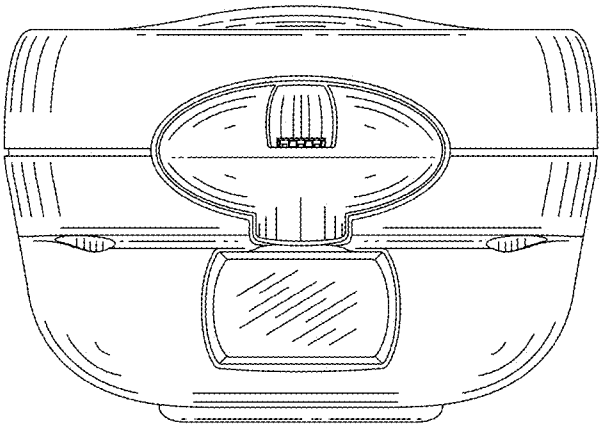


FIG. 6

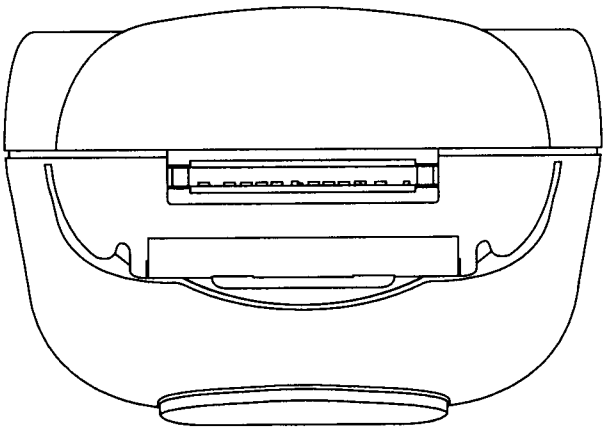


FIG. 7

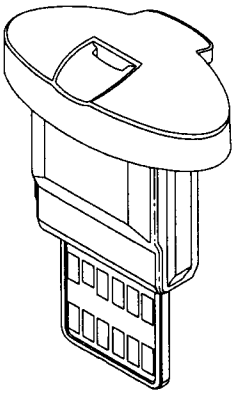


FIG. 8

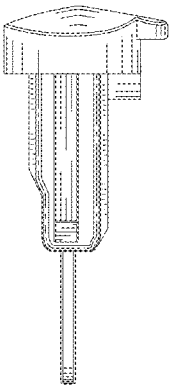


FIG. 9

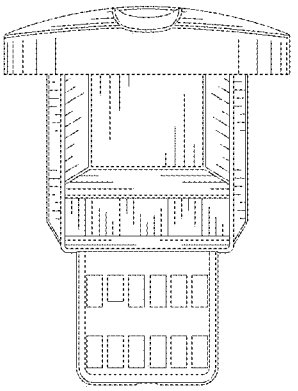


FIG. 10

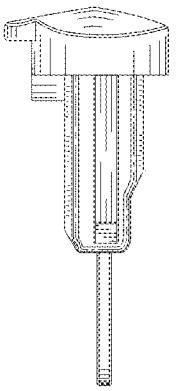


FIG. 11

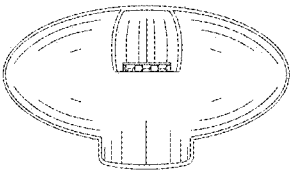


FIG. 12

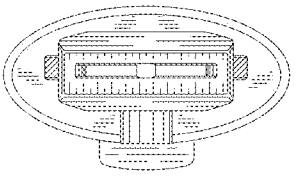


FIG. 13