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Nothacker et al.

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(54) **BREATHALYZER**

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

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Related U.S. Application Data

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(51) **LOC (10) CI.** **10-04**

(52) **U.S. CI.**
USPC **D10/81**

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73/1.01, 1.02-1.08, 1.16, 19.01-19.02,
73/23.2-23.27, 23.3, 23.35-24.01, 52,
73/53.01, 61.52-61.61, 864.21, 431,
73/864.73, 31.03, 31.05, 866.5, 864.84,
73/864.23, 61.55, 863.01, 866, 864.62;
204/253, 400, 403.01, 403.02, 403.04,
204/403.05, 403.1, 403.11, 403.14;
205/775, 777.5, 778, 792;
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250/252.1, 251, 25, 281-300, 305,
250/336.1, 338.1, 338.5, 339.07, 339.13,
250/343, 349, 239, 910; 356/446, 246,
356/301-337, 451, 72, 73; 422/50-53,
422/62-82, 83-98, 239.2, 400, 401, 404;

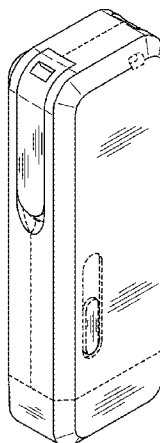
435/4, 283.1-284.1, 286.5, 287.1,
435/287.2, 806, 13, 14, 287.4, 287.7,
435/287.94, 6.18; 436/43-54, 68, 900, 514,
436/530, 95; 600/300, 301, 309, 322, 345,
600/347, 365, 393, 578, 583, 584, 532,
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CPC A61B 5/083; A61B 5/087; A61B 5/0833;
A61B 5/091; A61B 5/222; A61B 5/0002;
A61B 5/02438; A61B 5/08; G01N 33/497;
G01N 33/4972; G01N 33/483; G01N 33/98;
G10L 17/00; Y10S 436/90

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,487,055	A	12/1984	Wolf	
4,749,553	A	6/1988	Lopez et al.	
4,996,161	A	2/1991	Connors et al.	
D333,441	S	2/1993	Greene	
5,216,415	A *	6/1993	Ono et al.	345/94
5,291,898	A *	3/1994	Wolf	600/532
D362,642	S	9/1995	Howse	
D381,885	S	8/1997	Lane	
6,454,723	B1	9/2002	Montagnino	
6,608,399	B2	8/2003	McConnell et al.	
6,824,520	B2	11/2004	Orr et al.	
6,899,683	B2	5/2005	Mault et al.	
D521,885	S	5/2006	Eddy et al.	
D530,424	S	10/2006	Manser et al.	
D539,683	S *	4/2007	Shaw et al.	D10/81
D539,684	S	4/2007	Kitamura et al.	
D586,677	S *	2/2009	Nothacker et al.	D10/78
D603,281	S	11/2009	Gonzalez	
D606,434	S	12/2009	Castrodale et al.	
8,040,233	B2	10/2011	Adappa et al.	
8,453,492	B2	6/2013	Tsuzuki et al.	
8,693,597	B2 *	4/2014	Sexton et al.	375/346
D705,100	S	5/2014	Nothacker et al.	
8,808,228	B2 *	8/2014	Brisler et al.	604/66
8,814,804	B2	8/2014	Walden et al.	
8,849,387	B2 *	9/2014	Gilbert et al.	600/520
8,941,501	B1 *	1/2015	Debijl	340/576
D724,980	S *	3/2015	Nothacker et al.	D10/81
D727,763	S *	4/2015	Nothacker et al.	D10/81
D727,764	S *	4/2015	Nothacker et al.	D10/81



D731,341	S *	6/2015	Kobayakawa	D10/81
9,063,120	B2 *	6/2015	Park	1/1
2006/0217625	A1	9/2006	Forrester	
2007/0093725	A1	4/2007	Shaw	
2007/0144812	A1	6/2007	Stewart et al.	
2010/0234064	A1	9/2010	Harris	
2011/0304465	A1	12/2011	Boult et al.	
2013/0021153	A1	1/2013	Keays	

* cited by examiner

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(74) Attorney, Agent, or Firm — Jeffrey Schox; Ivan Wong

(57) CLAIM

We claim the ornamental design for a breathalyzer, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view, from the front right, of the breathalyzer in a first configuration;
 FIG. 2 is an isometric view, from the back left, of the breathalyzer in the first configuration;
 FIG. 3 is a plan view of the top of the breathalyzer the first configuration;
 FIG. 4 is an elevation view of the right side of the breathalyzer the first configuration;

FIG. 5 is an elevation view of the back of the breathalyzer the first configuration;
 FIG. 6 is an elevation view of the left side of the breathalyzer the first configuration;
 FIG. 7 is an elevation view of the front of the breathalyzer the first configuration;
 FIG. 8 is a plan view of the bottom of the breathalyzer the first configuration;
 FIG. 9 is an isometric view, from the front right, of the breathalyzer in a second configuration;
 FIG. 10 is an isometric view, from the back left, of the breathalyzer in the second configuration;
 FIG. 11 is a plan view of the top of the breathalyzer in the second configuration;
 FIG. 12 is an elevation view of the right side of the breathalyzer in the second configuration;
 FIG. 13 is an elevation view of the back of the breathalyzer in the second configuration;
 FIG. 14 is an elevation view of the left side of the breathalyzer in the second configuration;
 FIG. 15 is an elevation view of the front of the breathalyzer in the second configuration; and,
 FIG. 16 is a plan view of the bottom of the breathalyzer in the second configuration.

1 Claim, 6 Drawing Sheets

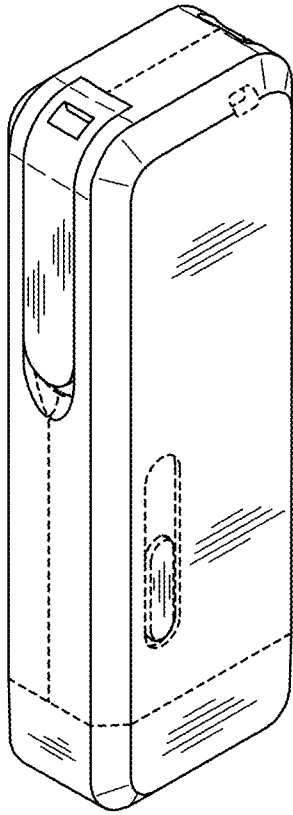


FIG. 1

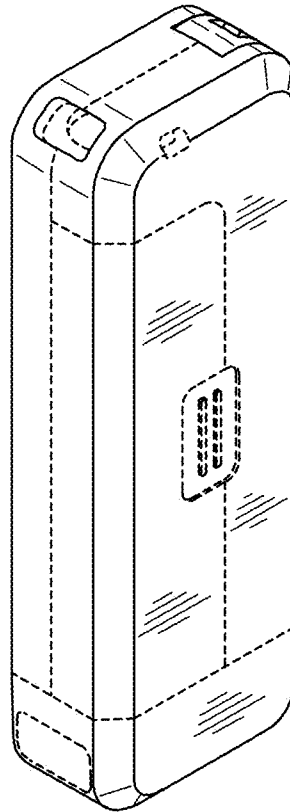


FIG. 2

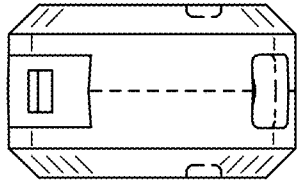


FIG. 3

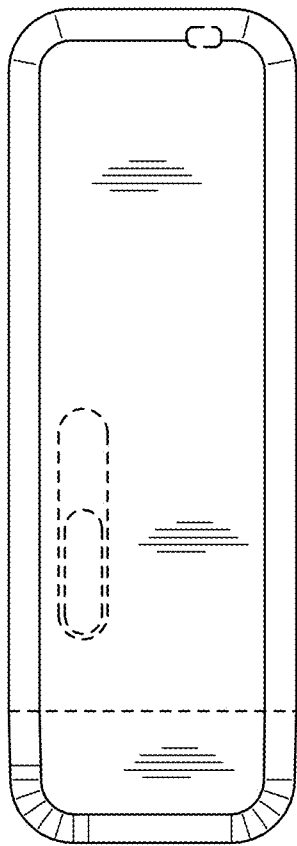


FIG. 4

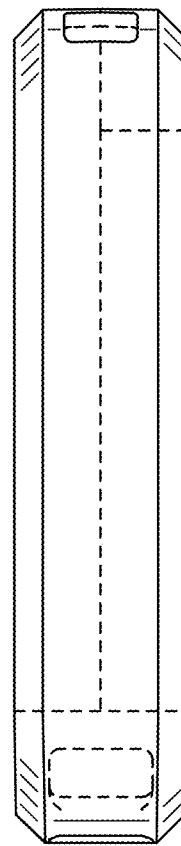


FIG. 5

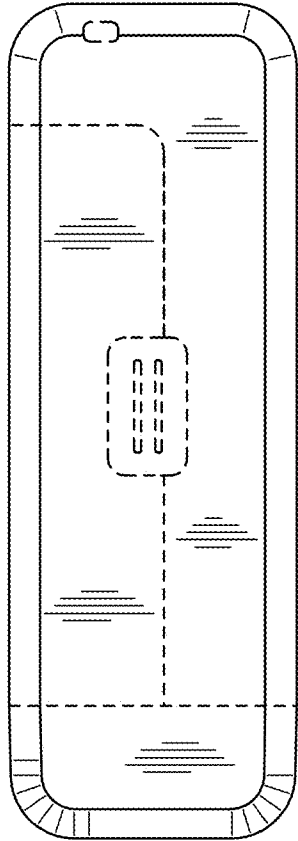


FIG. 6

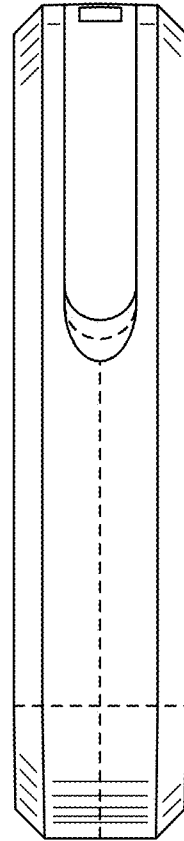


FIG. 7

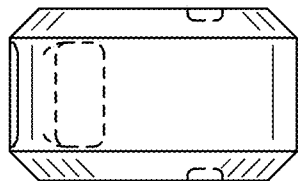


FIG. 8

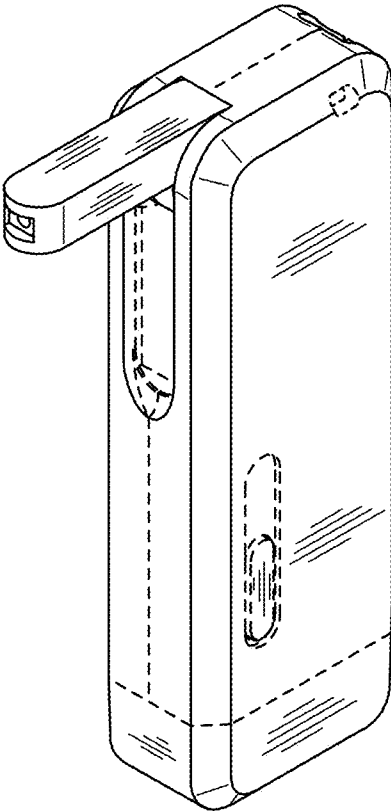


FIG. 9

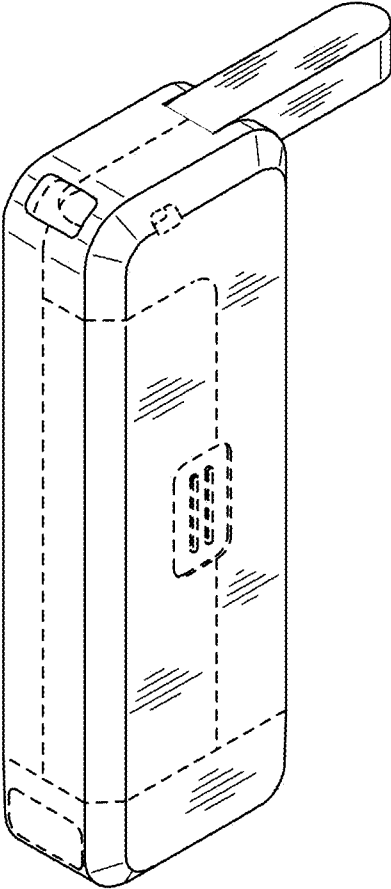


FIG. 10

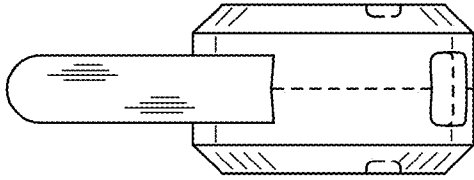


FIG. 11

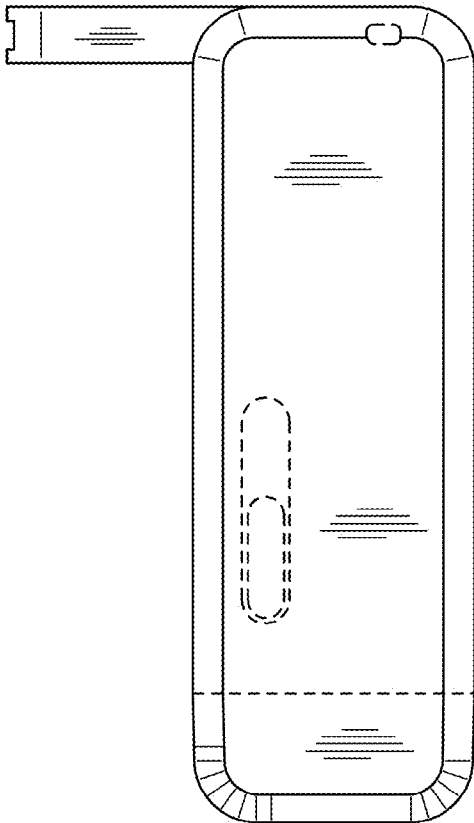


FIG. 12

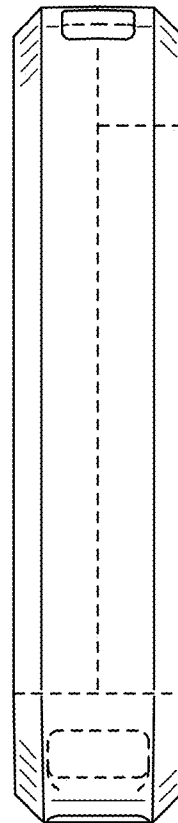


FIG. 13

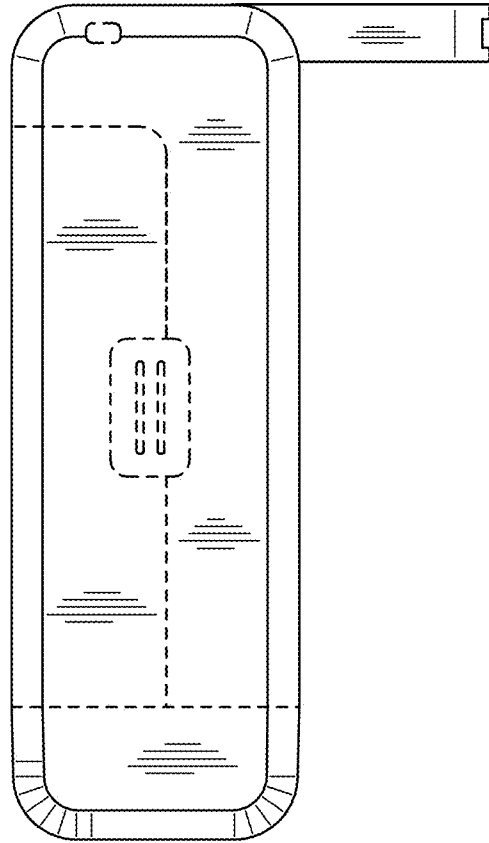


FIG. 14

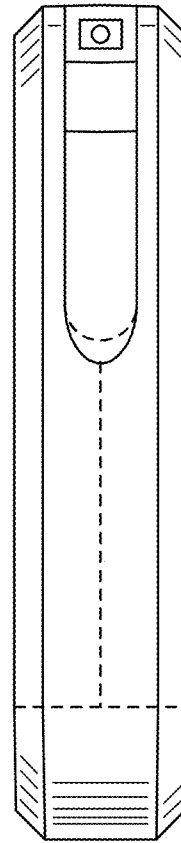


FIG. 15

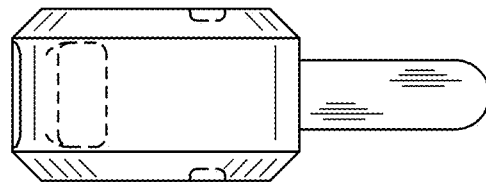


FIG. 16