

US00D933652S

(12) **United States Design Patent** (10) **Patent No.:** **US D933,652 S**
Gospodinov et al. (45) **Date of Patent:** **** Oct. 19, 2021**

(54) **DATA LOGGING TOOL**
(71) Applicant: **Carrier Corporation**, Palm Beach Gardens, FL (US)
(72) Inventors: **Stoytcho Gospodinov**, Lynnwood, WA (US); **Peter M. Nunes, Sr.**, Amesbury, MA (US)
(73) Assignee: **CARRIER CORPORATION**, Palm Beach Gardens, FL (US)

D460,923 S 7/2002 Chen
D477,540 S 7/2003 Chen
D481,389 S 10/2003 Owen
D491,085 S * 6/2004 Shambaugh, Jr. D10/78
D501,799 S 2/2005 Yamamoto et al.
D505,344 S 5/2005 Roher et al.
D506,151 S 6/2005 Roher et al.
D508,511 S 8/2005 Christou et al.
D519,042 S 4/2006 DiLuiso
D532,420 S 11/2006 Oikawa
(Continued)

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

FOREIGN PATENT DOCUMENTS
WO 2010033793 A2 3/2010

(21) Appl. No.: **29/773,580**

OTHER PUBLICATIONS

(22) Filed: **Mar. 10, 2021**

“TempTale Ultra”; Sensitech—Pharma Technology Focus, Issue 74, Sep. 2018; [retrieved from Internet Sep. 25, 2020] https://pharma.h5mag.com/pharma_sep18/sensitech; 2 pages.

Related U.S. Application Data

(62) Division of application No. 29/694,651, filed on Jun. 12, 2019, now Pat. No. Des. 916,083.

(Continued)

(51) **LOC (13) Cl.** **14-02**

Primary Examiner — Marie D. Fast Horse

(52) **U.S. Cl.** **D14/358**; D10/52

(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

(58) **Field of Classification Search**

(57) **CLAIM**

USPC D10/46, 52, 60, 75, 80, 103; D14/356, D14/357, 358, 433, 435, 435.1, 480.1, D14/480.3, 480.4; D24/185, 186, 232
CPC G01D 9/005; H01R 13/521
See application file for complete search history.

We claim, the ornamental design for a data logging tool, as shown and described.

DESCRIPTION

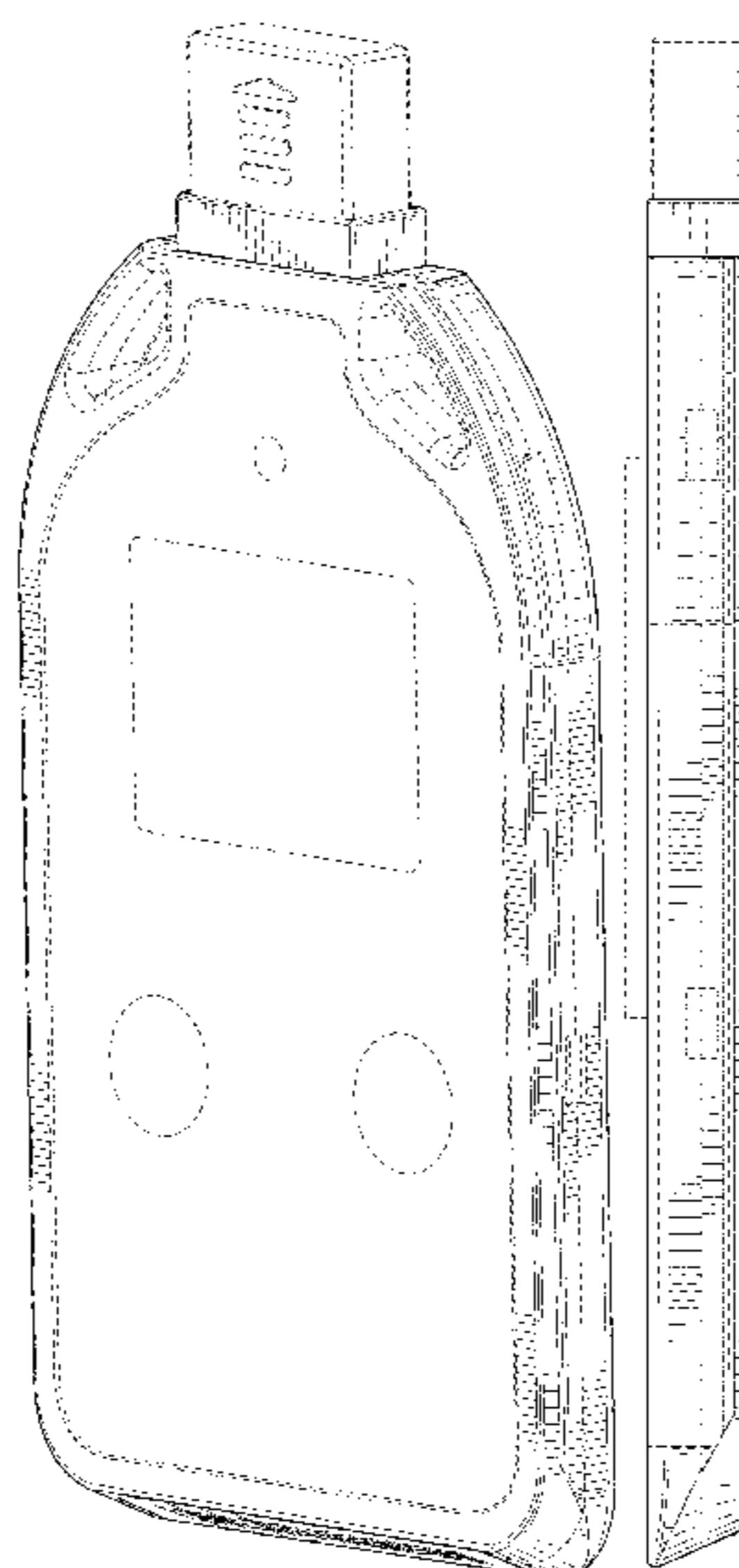
(56) **References Cited**

U.S. PATENT DOCUMENTS

D121,272 S 7/1940 Cubert
D287,701 S 1/1987 Foster
D296,440 S 6/1988 Smith et al.
D297,543 S 9/1988 Aoyama
D331,024 S 11/1992 Deridder
D408,384 S 4/1999 Hata et al.
D449,615 S * 10/2001 Lloyd D14/435.1
6,402,372 B1 6/2002 Saunders

FIG. 1 is a perspective view of data logging tool, showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a side view thereof;
FIG. 5 is another side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines depict portions of the data logging tool that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D536,695 S 2/2007 Griffin
 D541,275 S 4/2007 Lai
 D542,789 S 5/2007 Depay
 D561,625 S 2/2008 Cherneff et al.
 D574,822 S 8/2008 Bhavnani
 D595,415 S * 6/2009 Fukuzawa D24/186
 D596,182 S 7/2009 Kim et al.
 D597,865 S 8/2009 Bernard et al.
 D599,795 S 9/2009 Lindley
 D601,142 S 9/2009 Lindley
 D601,561 S 10/2009 Nunes et al.
 D614,974 S 5/2010 Golberg et al.
 D618,224 S 6/2010 Tong et al.
 D618,225 S 6/2010 Tong et al.
 D618,226 S 6/2010 Tong et al.
 D618,240 S 6/2010 Larmour et al.
 D620,818 S 8/2010 Chen
 D621,831 S 8/2010 Whitcomb et al.
 D633,496 S 3/2011 Busri et al.
 D640,244 S 6/2011 Pan
 D659,144 S 5/2012 Lee et al.
 D665,685 S 8/2012 Okuda
 D670,811 S * 11/2012 Fukuzawa D24/169
 D684,490 S * 6/2013 Nelson D10/81
 D695,234 S 12/2013 Santiago et al.
 D706,308 S 6/2014 Takahashi et al.
 D716,804 S 11/2014 Neumann
 D717,309 S * 11/2014 Govindarajan D14/480.6
 D723,404 S * 3/2015 Faulkner D10/81
 D726,047 S 4/2015 Laurino et al.
 D735,178 S 7/2015 Yoon et al.
 D757,273 S * 5/2016 Nelson D10/81
 D774,039 S 12/2016 Cobbett et al.

D774,040 S 12/2016 Cobbett et al.
 D774,041 S 12/2016 Cobbett et al.
 D774,042 S 12/2016 Cobbett et al.
 D774,513 S 12/2016 Cobbett et al.
 D775,982 S 1/2017 Laurino et al.
 D780,726 S 3/2017 Wang
 D813,234 S 3/2018 Nadler
 D839,756 S 2/2019 Pang et al.
 D839,757 S 2/2019 Pang et al.
 D876,433 S * 2/2020 Lu D14/383
 D883,108 S 5/2020 Xie
 D890,000 S 7/2020 Song
 D916,083 S * 4/2021 Gospodinov D10/52
 D917,479 S * 4/2021 Deng D14/388
 2011/0170249 A1 7/2011 Nunes

OTHER PUBLICATIONS

“Track-It Temperature Data Loggers”; Jan. 14, 2013; [retrieved from Internet Sep. 25, 2020] <https://www.instrumart.com/assets/Monarch-Temp-datasheet.pdf>; 2 pages.
 Run Tool Total Shopping Mall; “RUNTOOL-Tempsen-TEMPPOD30”; Available Jan. 2011; <http://www.runtool.co.kr/shop/shopdetail.html?branduid=637730>; 4 pages.
 Run Tool Total Shopping Mall; “Temptale4 USB Ultra Fit”; Available Jul. 2019; <http://www.runtool.co.kr/shop/shopdetail.html?branduid=673758>; 4 pages.
 Sensitech, [online]; [retrieved on Apr. 18, 2019]; retrieved from the Internet [http://www.sensitech.com/en/products/Sensitech—United Technologies, Supply Chain Visibility, Product Catalog, 2019, pp. 1-4](http://www.sensitech.com/en/products/Sensitech—United%20Technologies,%20Supply%20Chain%20Visibility,%20Product%20Catalog,%202019,%20pp.%201-4).
 U.S. Appl. No. 29/694,651, filed Jun. 12, 2019; Notice of Allowance dated Dec. 15, 2020; 8 pages.

* cited by examiner

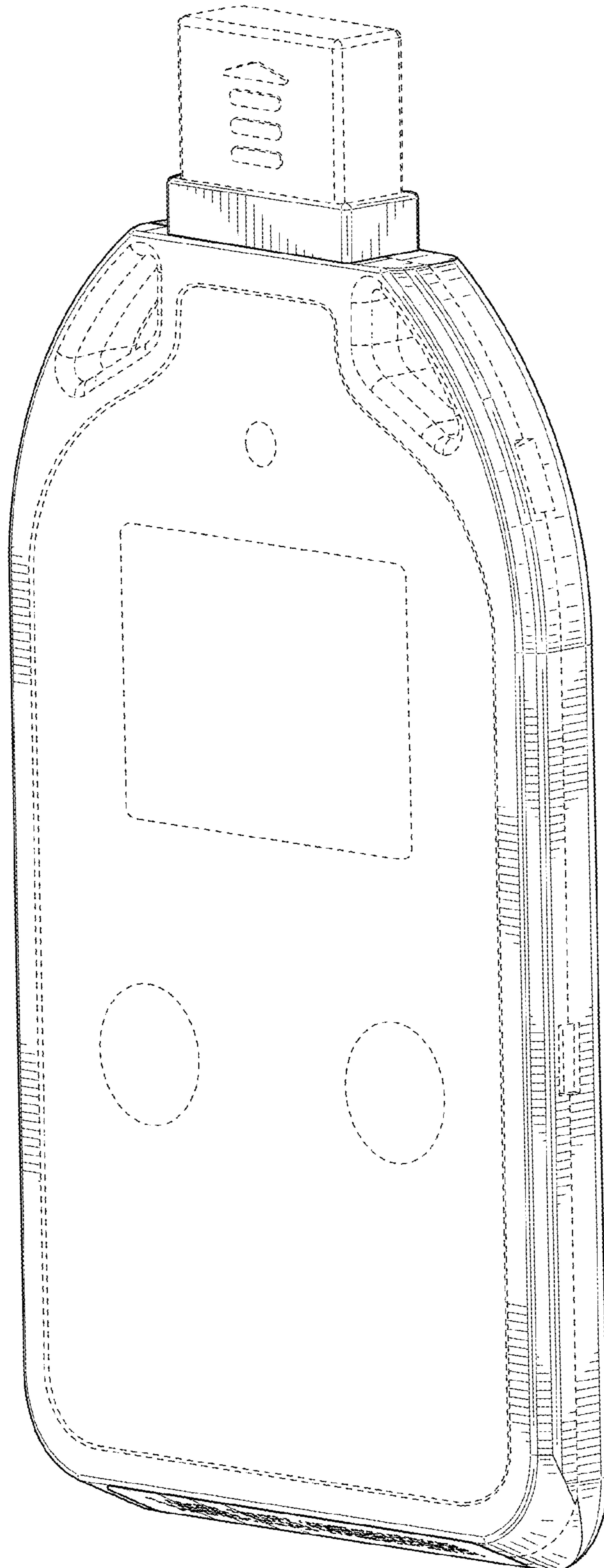


FIG. 1

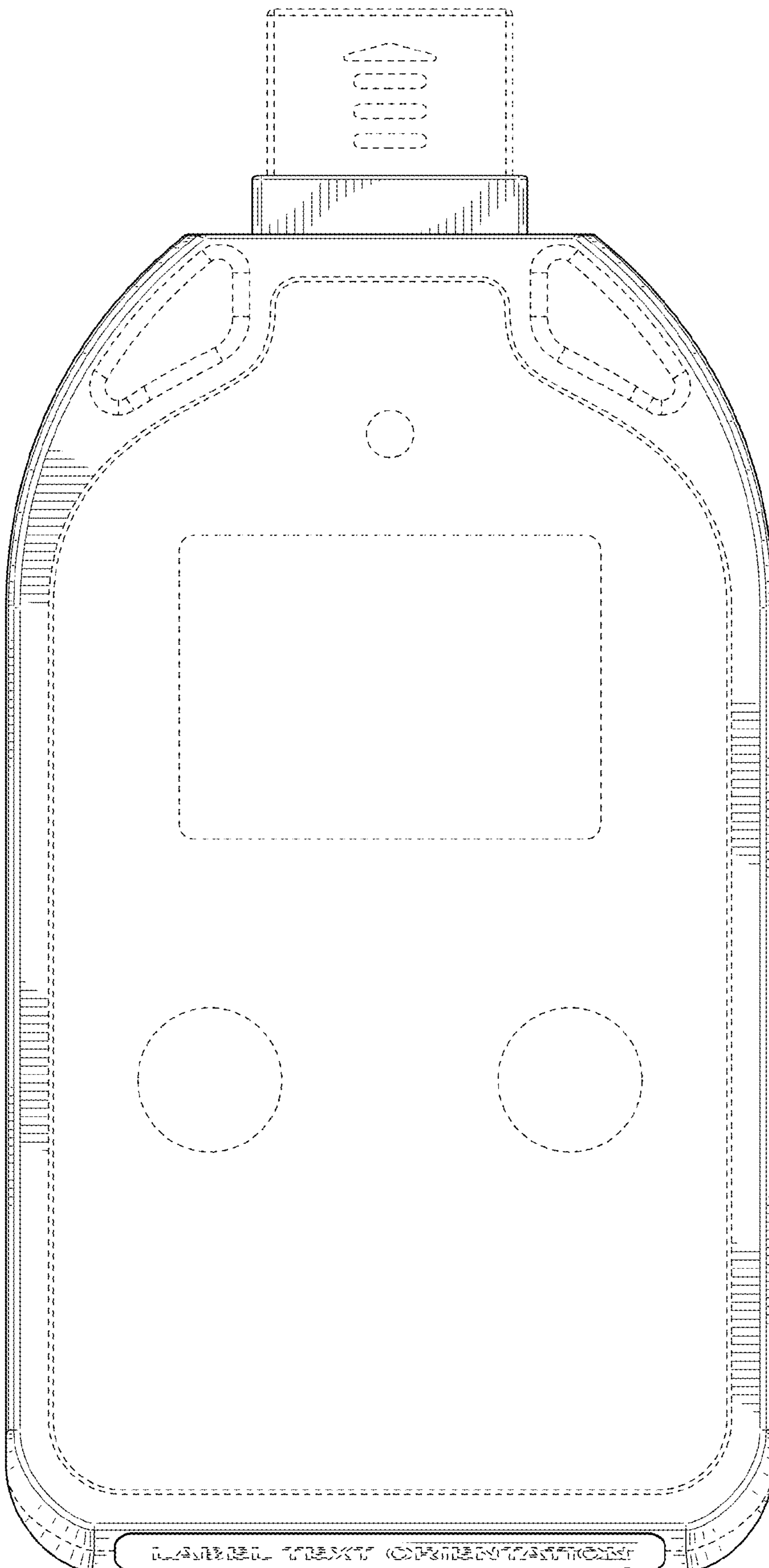


FIG. 2

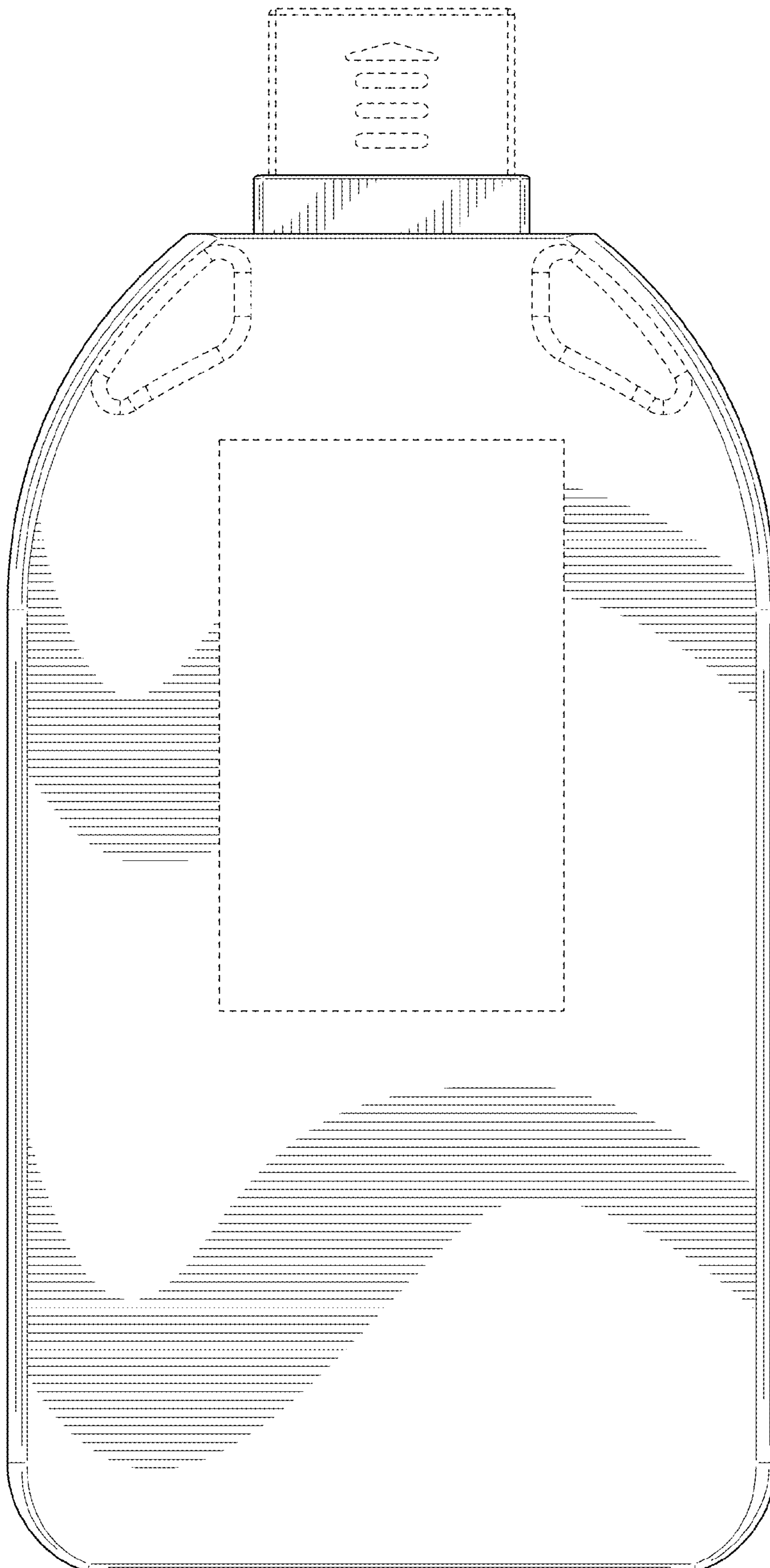


FIG. 3

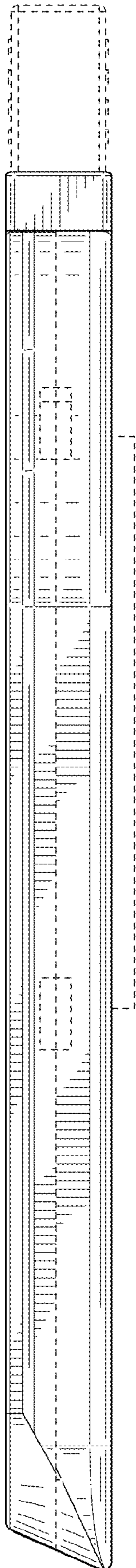


FIG. 4

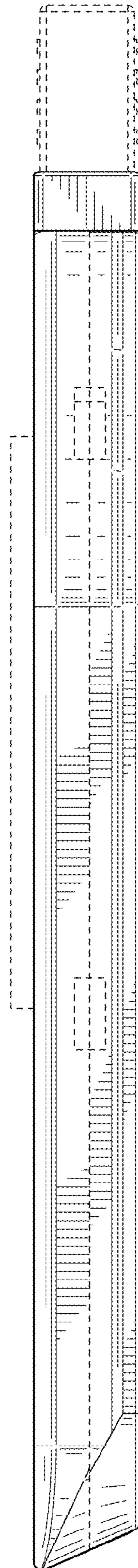


FIG. 5

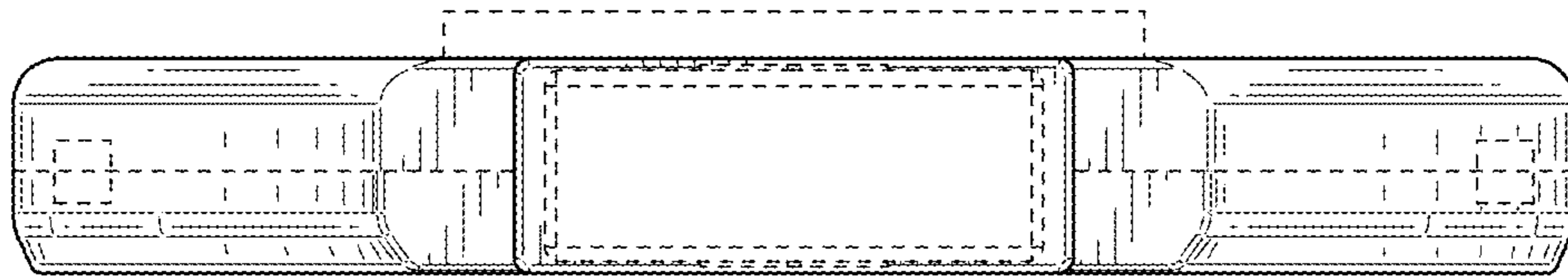


FIG. 6

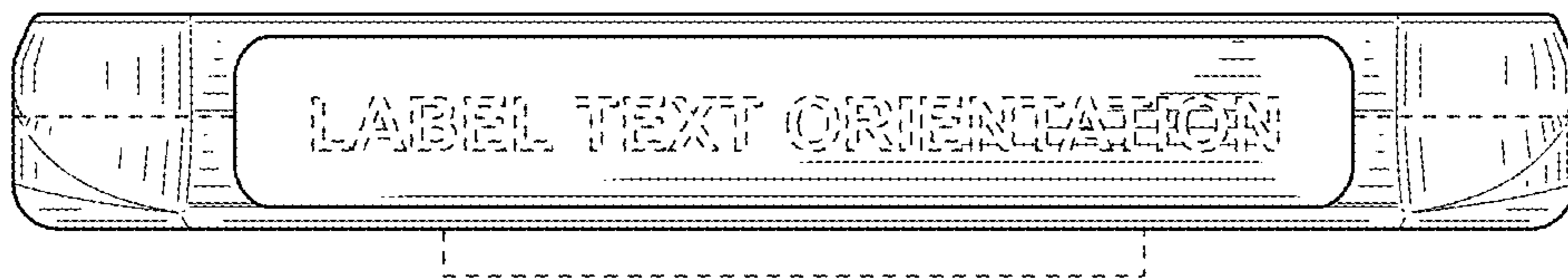


FIG. 7