



US00D688060S

(12) **United States Design Patent**  
**Sizelove**

(10) **Patent No.:** **US D688,060 S**

(45) **Date of Patent:** **\*\* Aug. 20, 2013**

(54) **INTEGRATED USER INTERFACE SYSTEM  
FOR USER SEAT**

(75) Inventor: **Steven Lee Sizelove**, Woodinville, WA  
(US)

(73) Assignee: **Panasonic Avionics Corporation**, Lake  
Forest, CA (US)

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

(21) Appl. No.: **29/401,253**

(22) Filed: **Sep. 9, 2011**

(51) **LOC (9) Cl.** ..... **06-01**

(52) **U.S. Cl.**  
USPC ..... **D6/501**

(58) **Field of Classification Search**  
USPC ..... D6/334-336, 342, 356, 368, 379-380,  
D6/491, 501-502; D12/192, 415-424;  
D13/162; D14/132, 336; D15/28; D21/324;  
D24/177; D34/35; 296/24.34, 153; 297/248,  
297/411.23, 411.25, 411.26, 441.2; 307/10.1;  
340/539.32

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|                |         |                  |            |
|----------------|---------|------------------|------------|
| D250,071 S     | 10/1978 | Dickerson        |            |
| D257,707 S *   | 12/1980 | Marrujo          | D6/342     |
| D273,157 S *   | 3/1984  | Staub            | D6/356     |
| D273,867 S *   | 5/1984  | Sanders et al.   | D14/336    |
| D321,215 S *   | 10/1991 | Shamis           | D21/324    |
| D340,235 S     | 10/1993 | Robak et al.     |            |
| D343,537 S *   | 1/1994  | Harde            | D6/501     |
| D376,244 S *   | 12/1996 | Feider et al.    | D34/35     |
| 5,648,757 A *  | 7/1997  | Vernace et al.   | 340/539.32 |
| D411,922 S *   | 7/1999  | Granados         | D6/356     |
| D432,963 S *   | 10/2000 | Meinhardt        | D12/192    |
| D457,862 S *   | 5/2002  | Falk et al.      | D13/162    |
| 6,608,399 B2 * | 8/2003  | McConnell et al. | 307/10.1   |
| 6,719,343 B2 * | 4/2004  | Emerling et al.  | 296/24.34  |
| D493,294 S *   | 7/2004  | Newson           | D6/356     |
| D535,937 S *   | 1/2007  | Vitito           | D12/421    |

|                   |         |                  |         |
|-------------------|---------|------------------|---------|
| D539,311 S *      | 3/2007  | Honda et al.     | D15/28  |
| D547,981 S *      | 8/2007  | Cohen            | D6/501  |
| D552,389 S *      | 10/2007 | Papiernik        | D6/501  |
| D557,949 S *      | 12/2007 | Moorhouse et al. | D6/501  |
| D577,503 S        | 9/2008  | Priestman        |         |
| D581,381 S *      | 11/2008 | Vitito           | D14/132 |
| D581,861 S *      | 12/2008 | Anttila et al.   | D12/421 |
| D581,862 S *      | 12/2008 | Anttila et al.   | D12/421 |
| D606,199 S *      | 12/2009 | Vu et al.        | D24/177 |
| D645,681 S *      | 9/2011  | Grell            | D6/501  |
| D651,966 S *      | 1/2012  | Hwang et al.     | D12/419 |
| 2003/0052514 A1 * | 3/2003  | Schmidt et al.   | 296/153 |
| 2004/0046430 A1 * | 3/2004  | Plant et al.     | 297/248 |

\* cited by examiner

*Primary Examiner* — Ricky Pham

(74) *Attorney, Agent, or Firm* — Orrick, Herrington & Sutcliffe LLP

(57) **CLAIM**

The ornamental design for an integrated user interface system for user seat, as shown and described.

**DESCRIPTION**

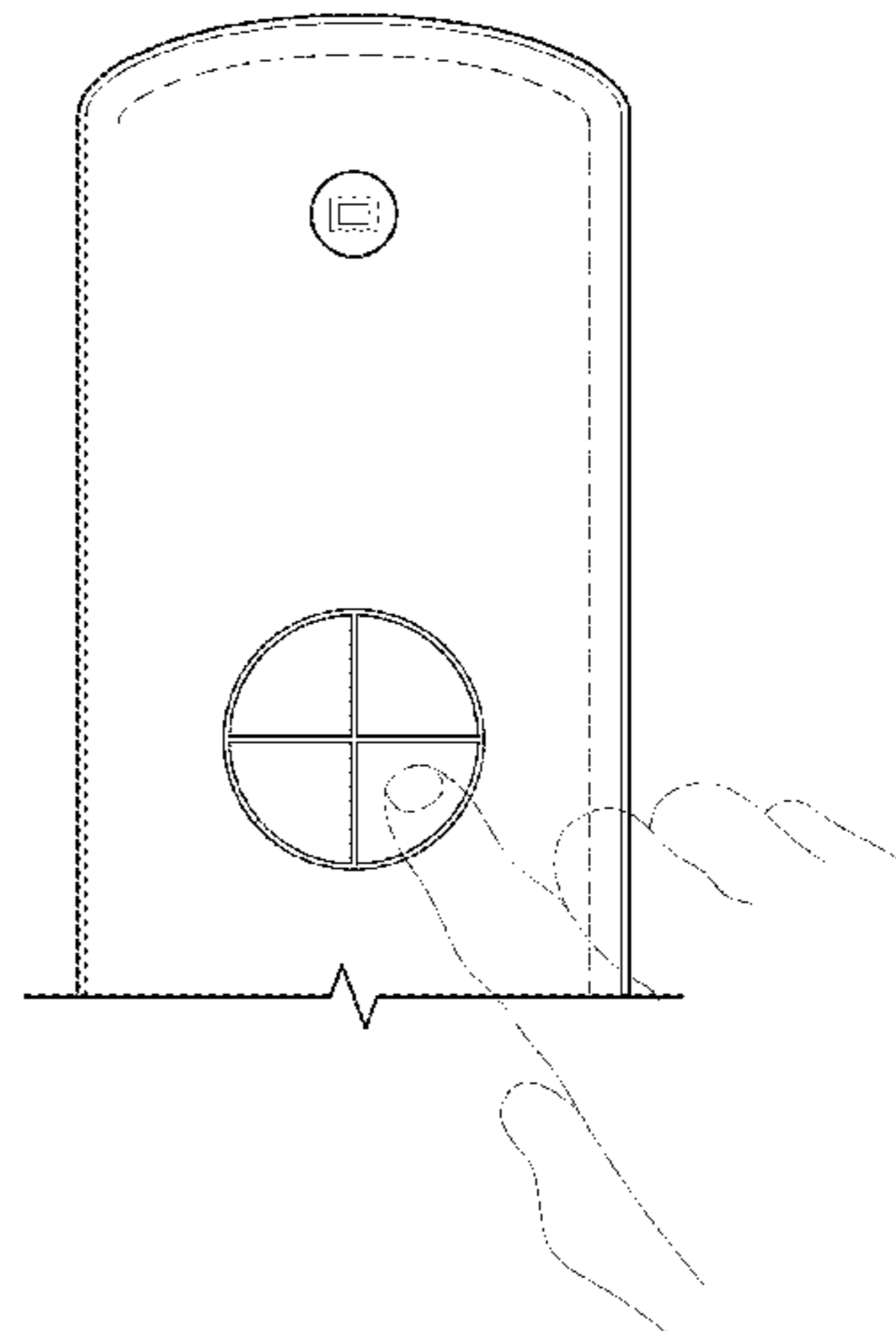
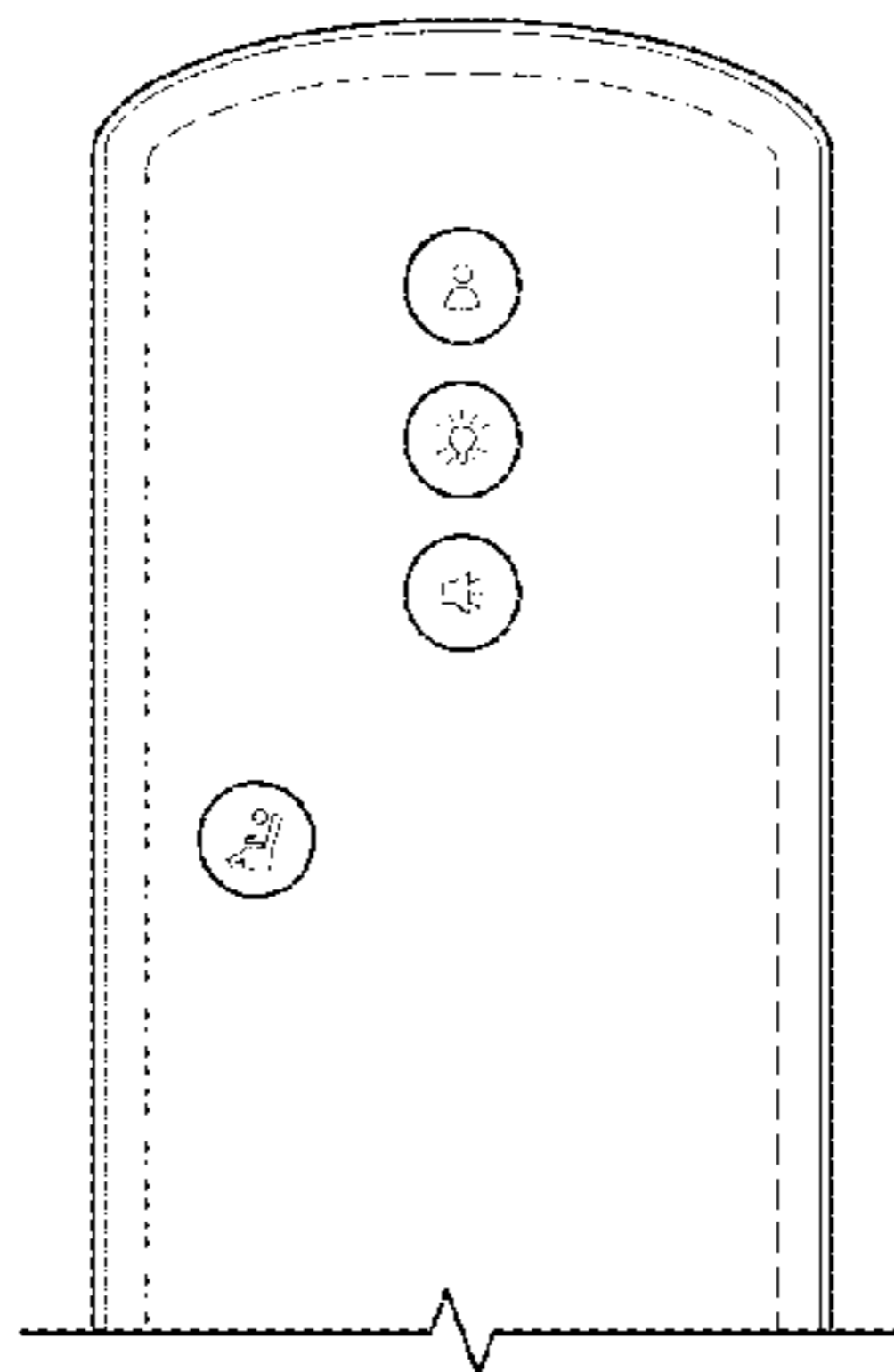
FIG. 1 is a detail view illustrating an embodiment of a new and ornamental design for an integrated user interface system for installation at an armrest portion of a selected seat, wherein selected interface elements on the armrest portion form a trackball-like interface;

FIG. 2 is a detail view illustrating the new and ornamental design for the integrated user interface system of FIG. 1, wherein the selected interface elements become apparent when a user hand approaches, and becomes proximate to, the user interface system;

FIG. 3 is a side view illustrating an embodiment of the new and ornamental design for the integrated user interface system of FIG. 2, wherein the selected interface elements form a trackball-like interface having a domed contour; and,

FIG. 4 is a side view illustrating an alternative embodiment of the new and ornamental design for the integrated user interface system of FIG. 2, wherein the selected interface elements form a trackball-like interface having a flat contour.

**1 Claim, 3 Drawing Sheets**



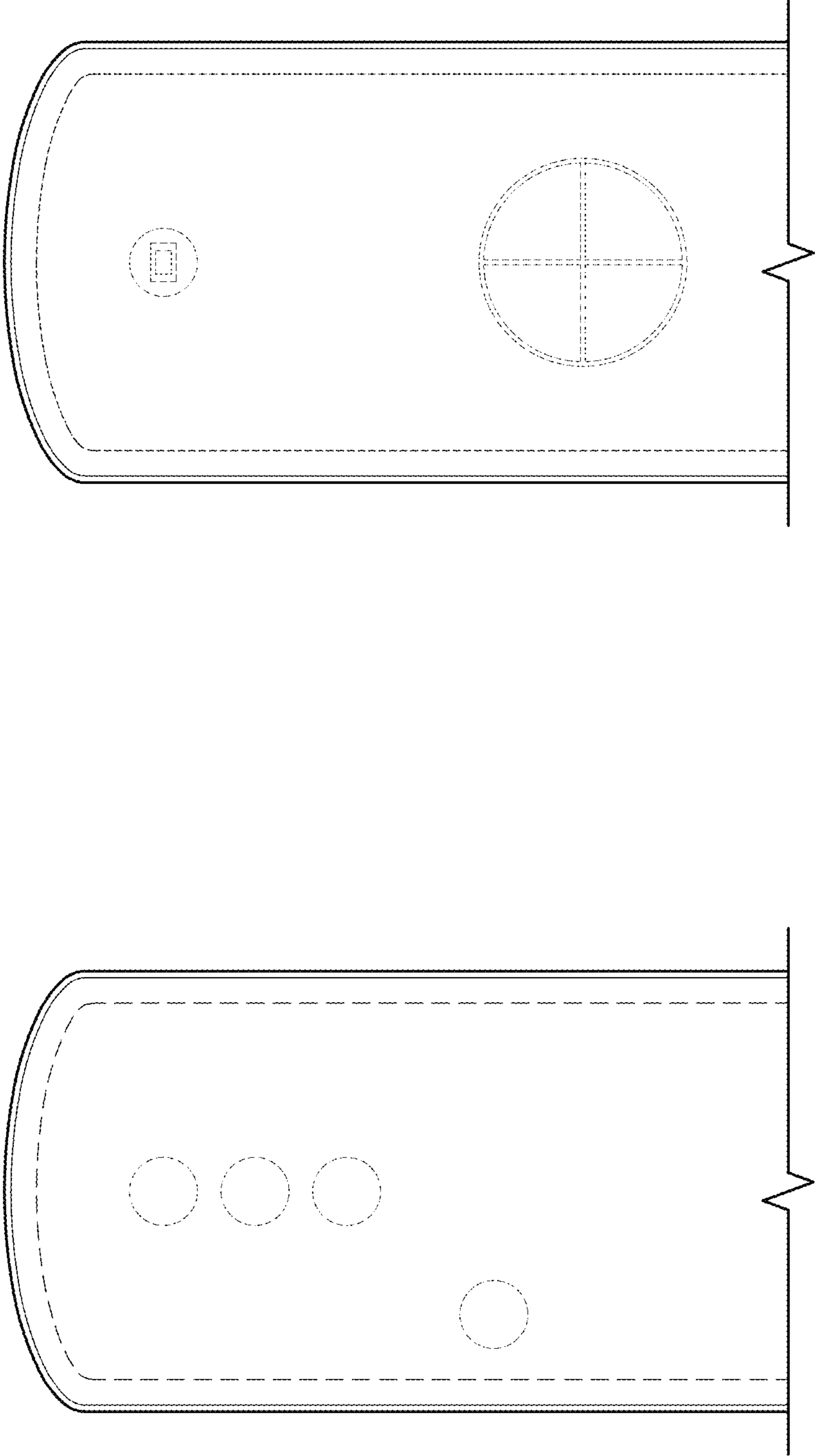


FIG. 1

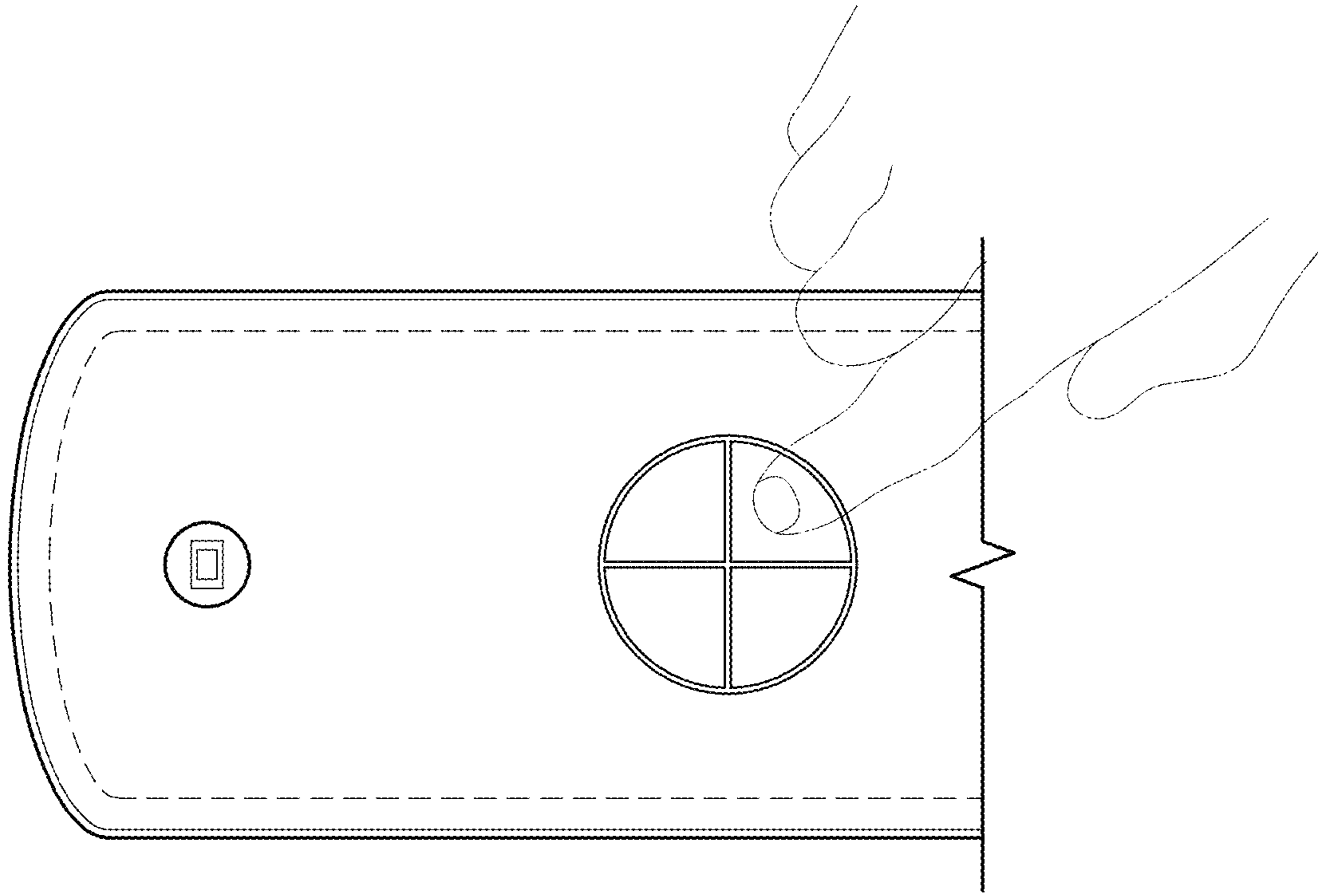
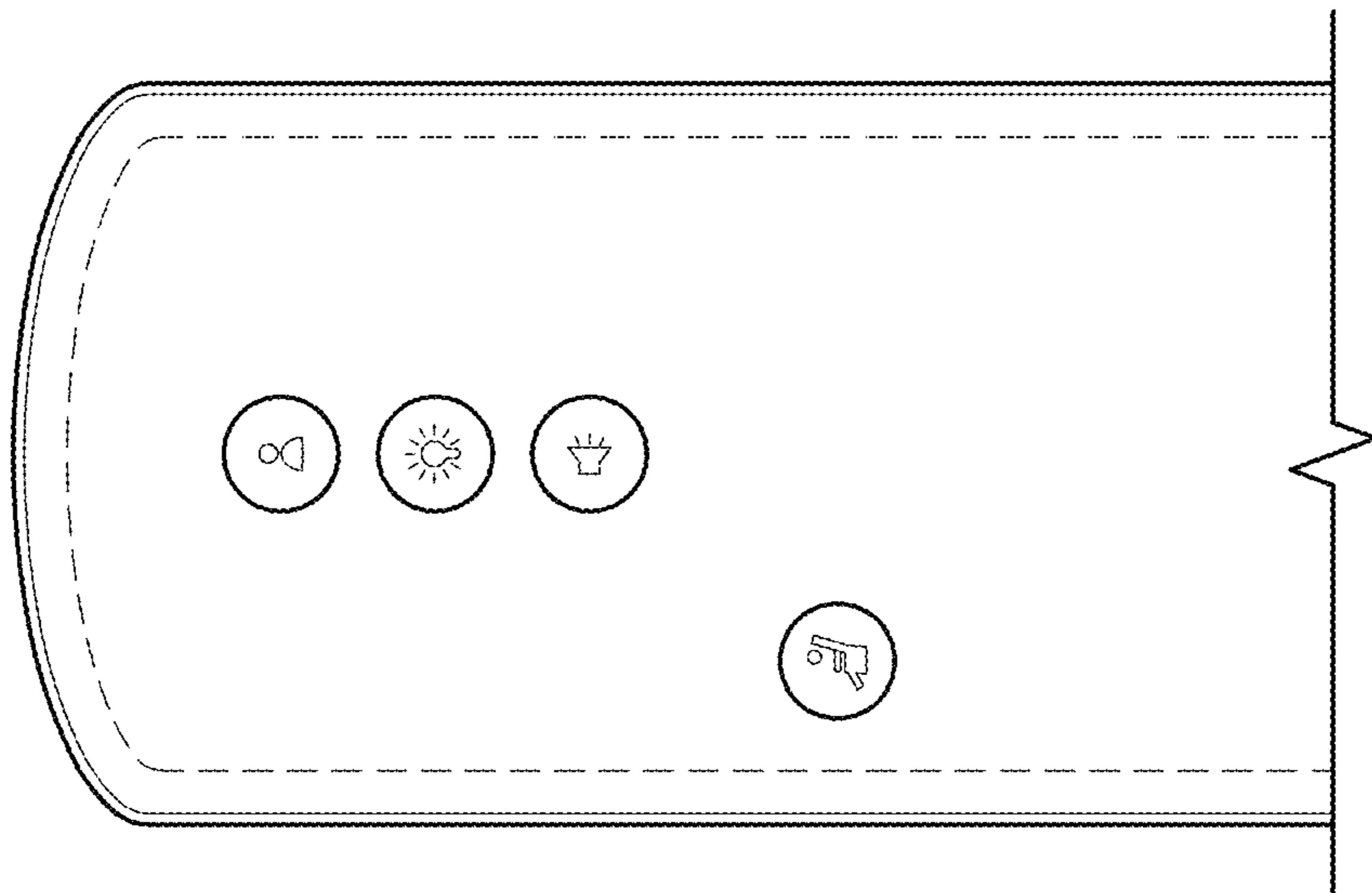


FIG. 2



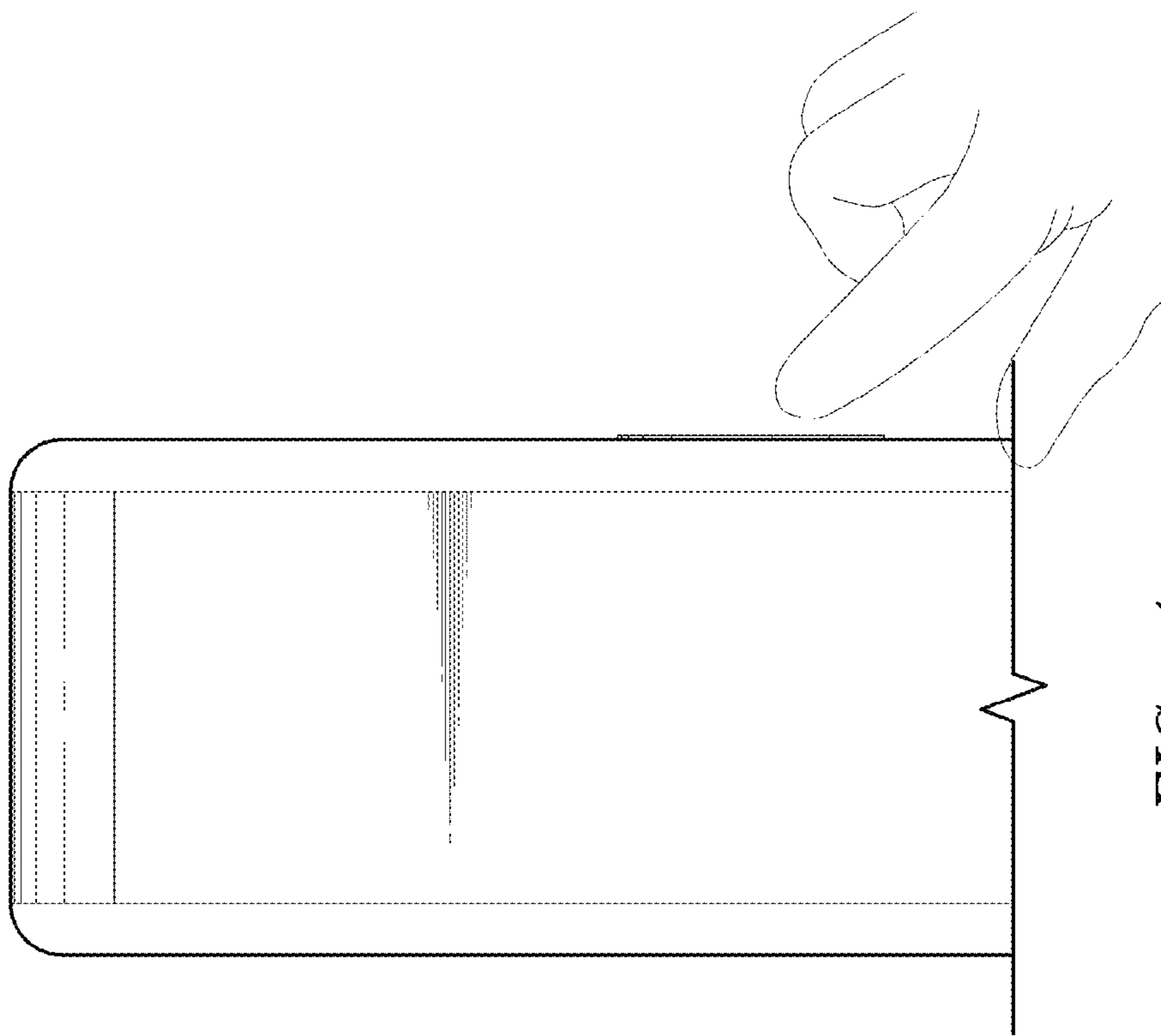


FIG. 4

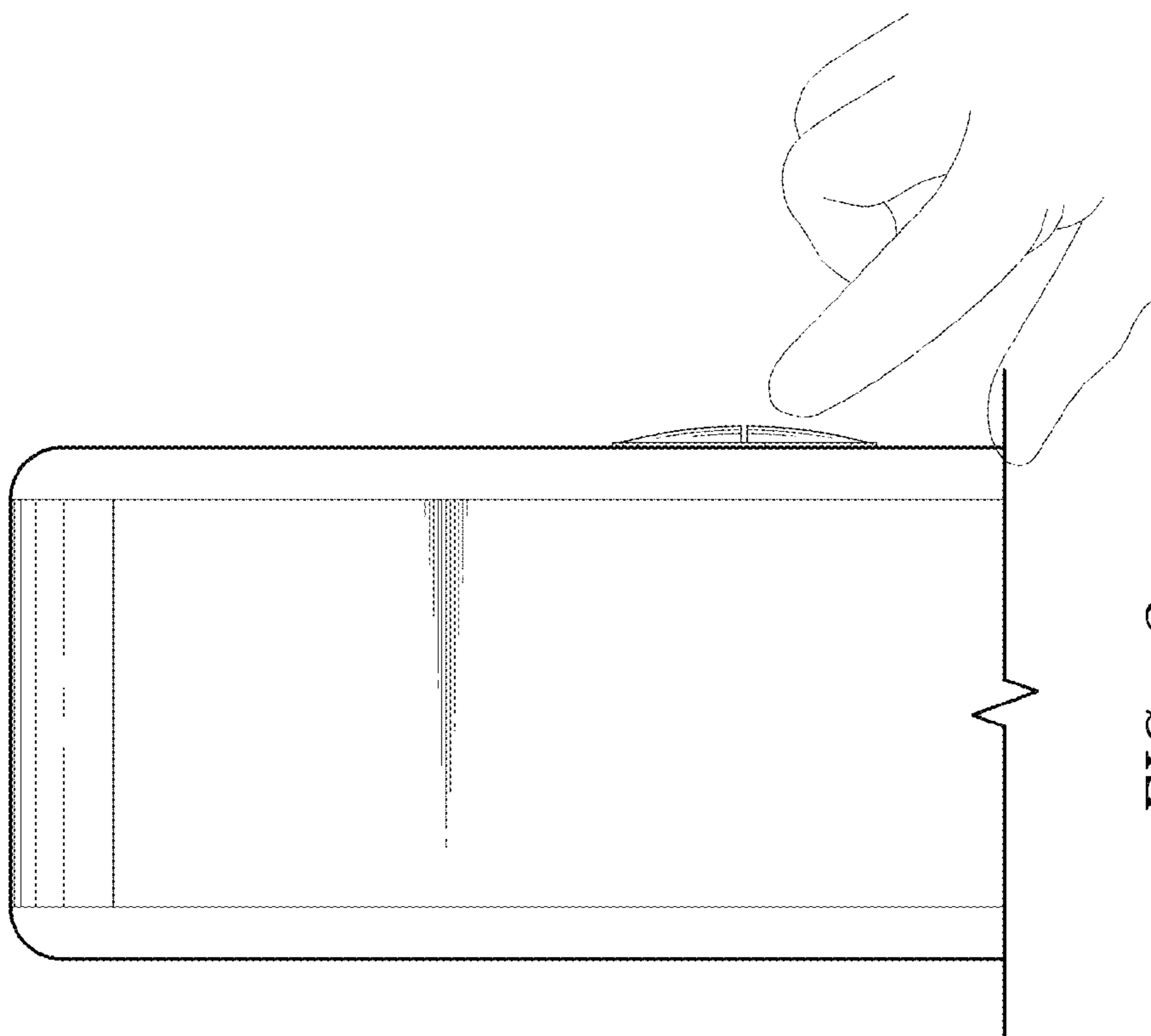


FIG. 3