



US00D807836S

(12) **United States Design Patent**
Johnson et al.

(10) **Patent No.:** **US D807,836 S**
(45) **Date of Patent:** **** Jan. 16, 2018**

(54) **BUTTON FOR A SWITCH PANEL USER INTERFACE**

(71) Applicant: **Caterpillar Inc.**, Peoria, IL (US)

(72) Inventors: **Terril James Johnson**, Washington, IL (US); **Ashley Dallas Menges**, Clayton, NC (US)

(73) Assignee: **Caterpillar Inc.**, Peoria, IL (US)

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

(21) Appl. No.: **29/573,811**

(22) Filed: **Aug. 10, 2016**

(51) **LOC (11) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/174**

(58) **Field of Classification Search**
USPC D13/162, 171, 174; D14/218, 454, 455, D14/496; D21/333
CPC H01H 13/04; H01H 13/14; H01H 19/003; H01H 19/04; H01H 19/14; H01H 3/02; H01H 3/08; H01H 3/12; H01H 3/16; G06F 3/0362; G05G 1/08; G05G 1/10; H05K 5/0017; H05K 5/0026

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 5,783,787 A * 7/1998 Data H01H 13/702 200/339
- D537,795 S * 3/2007 Chen D13/162
- D546,295 S * 7/2007 Marchetto D13/168
- D581,369 S * 11/2008 Egea Soler D13/162
- 7,450,108 B2 * 11/2008 Clabunde G05G 9/047 200/18
- 7,680,574 B2 * 3/2010 Berg B60K 35/00 345/173

- D614,145 S * 4/2010 Arosio D13/168
- D649,123 S * 11/2011 Jacoby D13/164
- D673,975 S * 1/2013 Akana D14/203.3
- D687,414 S * 8/2013 Vuillet D14/218
- D698,754 S * 2/2014 Vuillet D13/168
- 8,698,030 B2 * 4/2014 Yokoyama G06F 3/03547 200/600
- D705,741 S * 5/2014 Porter D13/162
- D705,743 S * 5/2014 Porter D13/174
- D714,231 S * 9/2014 Sparks D13/174
- 9,361,000 B2 * 6/2016 Furue G06F 3/0482
- D765,611 S * 9/2016 Kaliauer D13/177
- 9,542,017 B2 * 1/2017 Sakai B29C 45/16
- D781,246 S * 3/2017 Zhang D13/162
- 9,646,781 B1 * 5/2017 Gluchman, Jr. H01H 13/14
- 2005/0189205 A1 * 9/2005 Fujii H01H 9/182 200/314
- 2010/0268426 A1 * 10/2010 Pathak G06F 3/03547 701/48
- 2013/0313092 A1 * 11/2013 Inoue H01H 3/12 200/341

(Continued)

Primary Examiner — Selina Sikder

(57) **CLAIM**

The ornamental design for a button for a switch panel user interface, as shown and described.

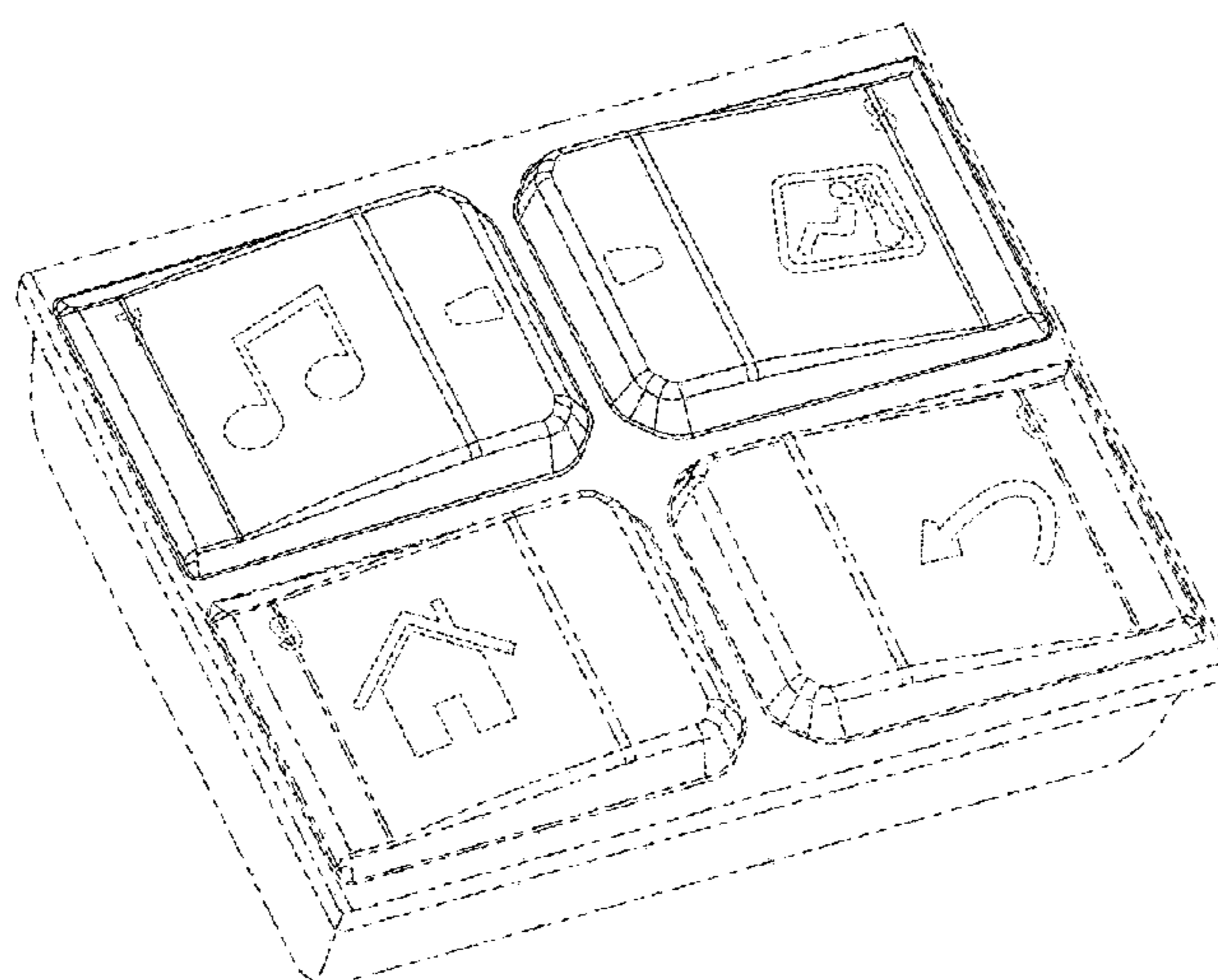
DESCRIPTION

FIG. 1 is a perspective view of a button for a switch panel user interface showing our new design; FIG. 2 is a front view thereof; FIG. 3 is a top view thereof; and, FIG. 4 is a side view thereof.

The dashed broken lines represent structure or features which form no part of the claimed design; the broken lines themselves form no part of the claimed design.

The dot-dash broken lines represent boundaries of the claimed design; the dot-dash broken lines themselves form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | |
|--------------|------|---------|-------------|--------------------------|
| 2014/0380243 | A1 * | 12/2014 | Furue | G06F 3/0482 715/835 |
| 2015/0150646 | A1 * | 6/2015 | Pryor | G06F 3/0362 345/174 |
| 2015/0231969 | A1 * | 8/2015 | Holl | B60K 37/06 345/158 |
| 2015/0251573 | A1 * | 9/2015 | Misch | B60N 2/665 297/452.41 |
| 2016/0077588 | A1 * | 3/2016 | Adams | B60K 37/00 345/174 |
| 2016/0085321 | A1 * | 3/2016 | Jung | G06F 3/0362 345/184 |

* cited by examiner

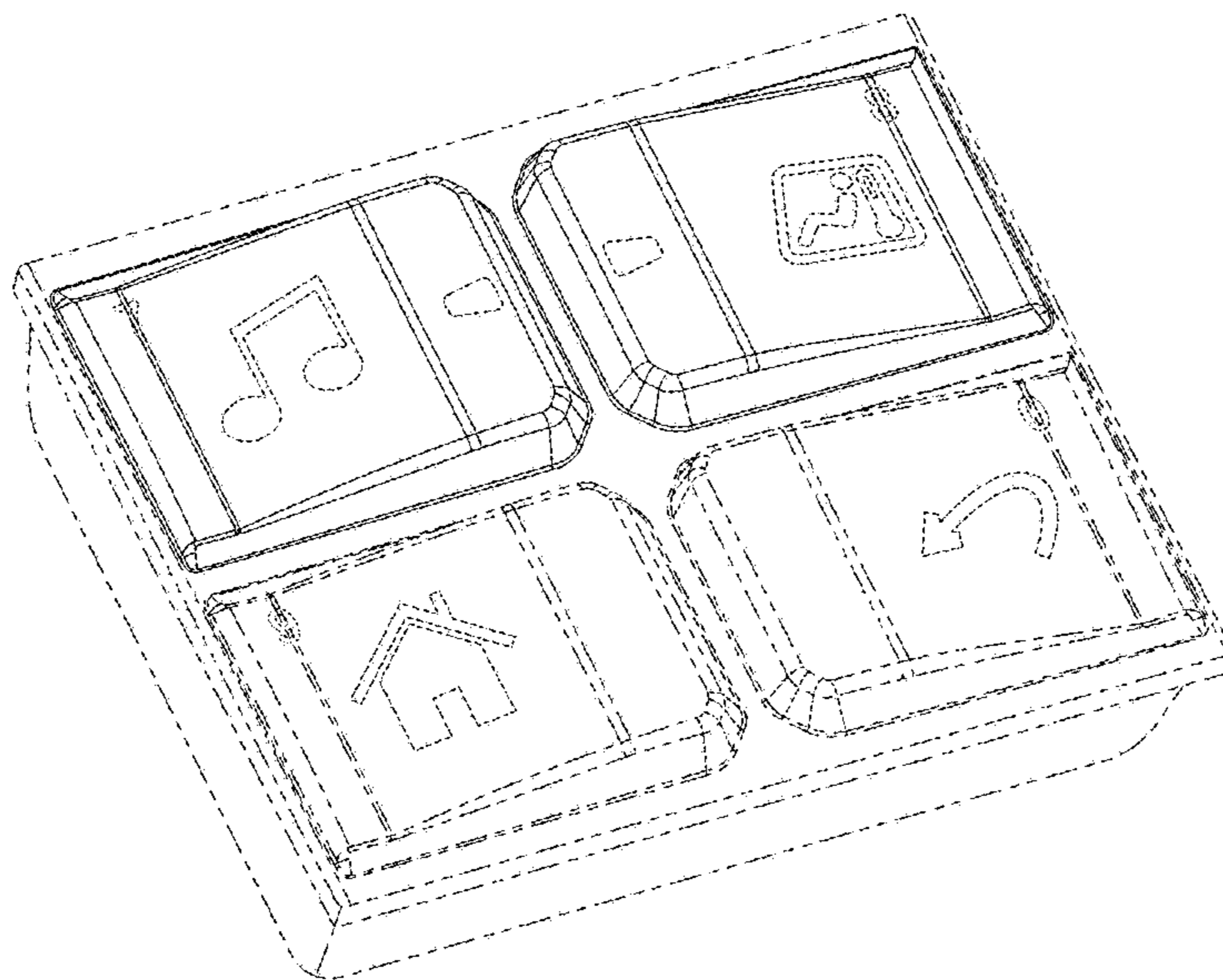


FIG. 1

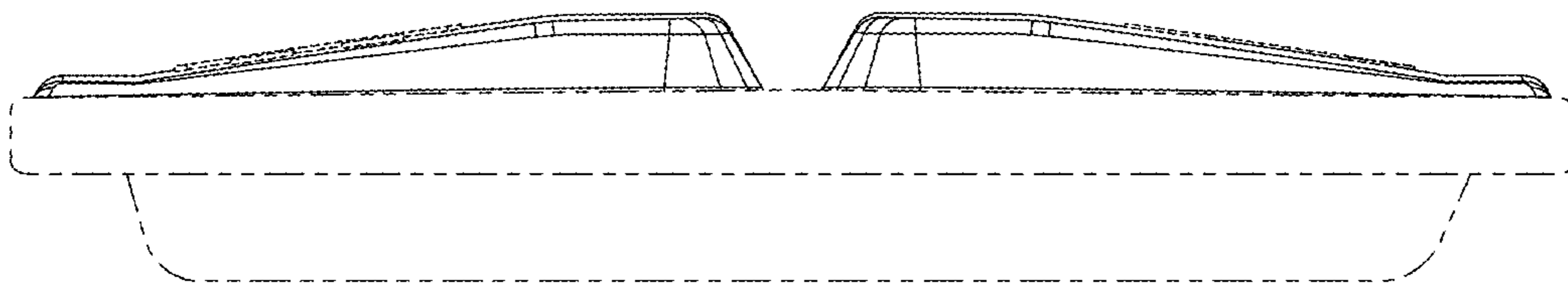


FIG. 2

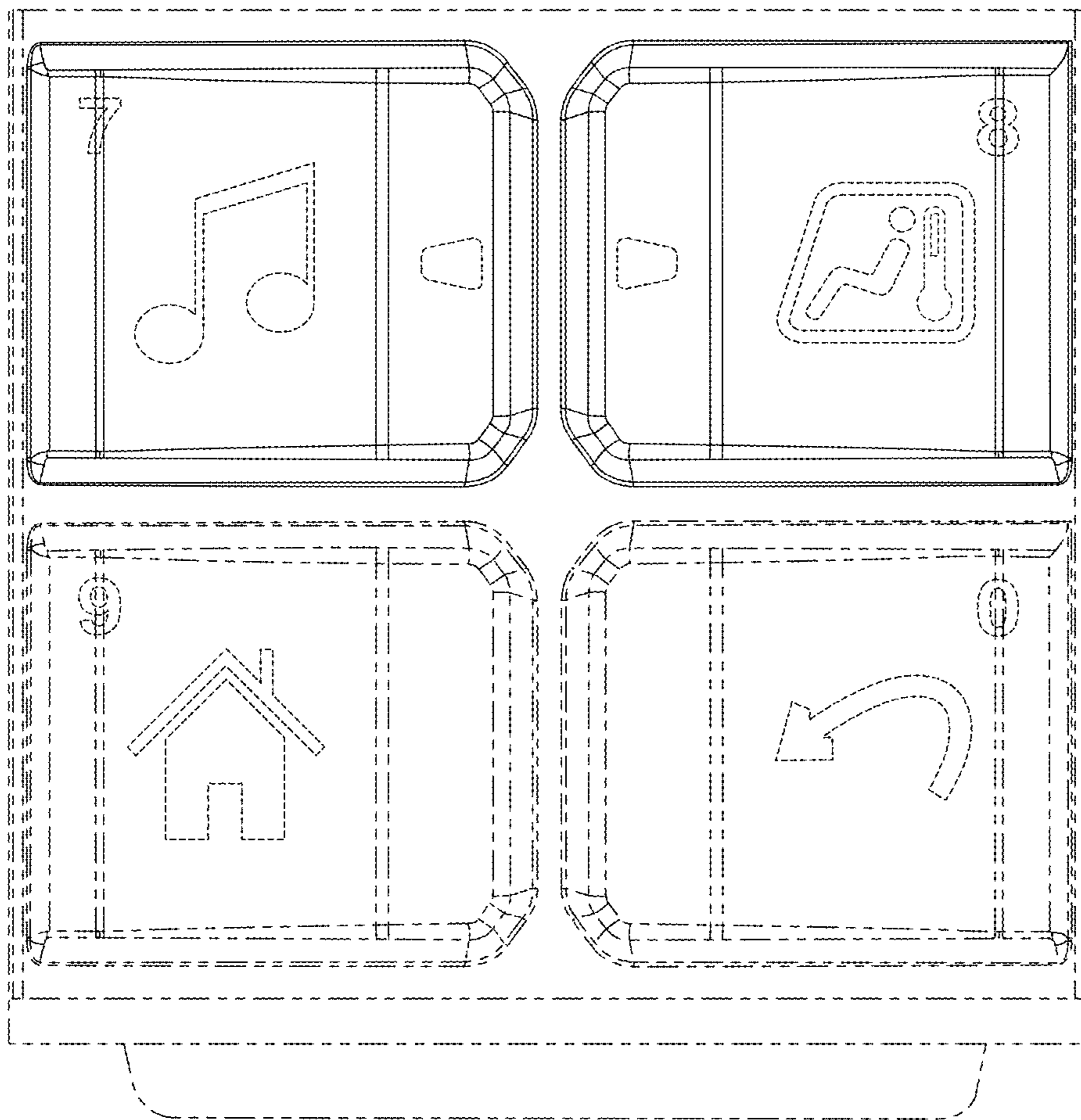


FIG. 3

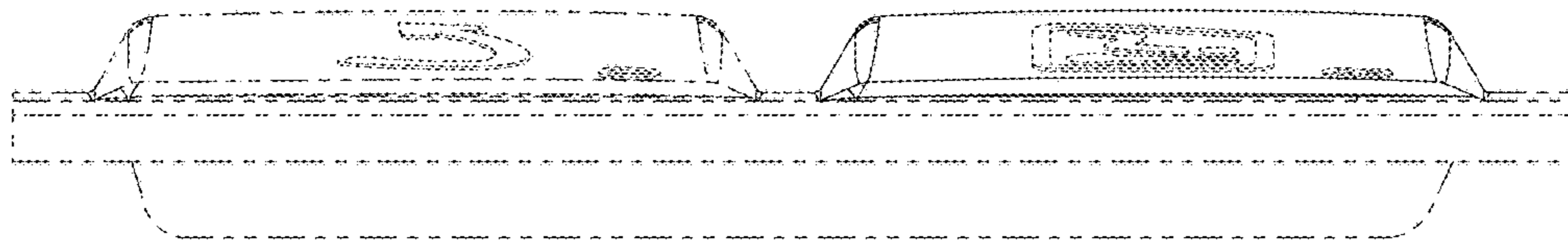


FIG. 4