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

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- (54) **SWITCH**
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Germantown, WI (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/701,772**
- (22) Filed: **Aug. 14, 2019**
- (51) **LOC (13) Cl.** **13-03**
- (52) **U.S. Cl.**
USPC **D13/169**
- (58) **Field of Classification Search**
USPC D13/162, 171, 174, 169
CPC .. H01H 9/02; H01H 9/16; H01H 9/18; H01H 9/181; H01H 9/182; H01H 13/023; H01H 13/04; H01H 13/06; H01H 2009/187; H01H 23/02; H01H 23/025; H01H 23/04; H01H 23/08; H01H 23/12; H01H 23/14; H01H 23/43; H01H 23/145; H01H 23/164; H05B 39/02; H05B 39/04; H05B 39/085; H05B 39/086; H05B 39/088; G08C 17/02; A47C 7/506; A47C 1/0345; A47C 1/035
See application file for complete search history.

- 6,724,102 B1 * 4/2004 Kelwaski B60L 1/00 307/10.1
- D533,143 S * 12/2006 Jones D13/169
- D626,093 S * 10/2010 Bates D13/174
- 7,960,664 B2 * 6/2011 Inoue H01H 23/164 200/339
- D652,390 S * 1/2012 Boehm D13/158
- 9,024,215 B2 * 5/2015 Chiba H01H 23/162 200/257
- D764,420 S * 8/2016 Naka D13/171
- D788,718 S * 6/2017 Tang D13/169
- D808,910 S * 1/2018 Gassner D13/169
- D813,179 S * 3/2018 Wu D13/169
- D853,975 S * 7/2019 Gassner D13/169
- D867,310 S * 11/2019 Li D13/169
- D874,410 S * 2/2020 Li D13/169
- D880,432 S * 4/2020 Tang D13/169

(Continued)

OTHER PUBLICATIONS

Okin Power Recliner Lift Chair Switch 4 Button 5 Pin Plug Control Handset With USB; Jan. 15, 2020; 2 pgs.; Amazon.com.*

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(57) **CLAIM**

The ornamental design for a switch, as shown and described.

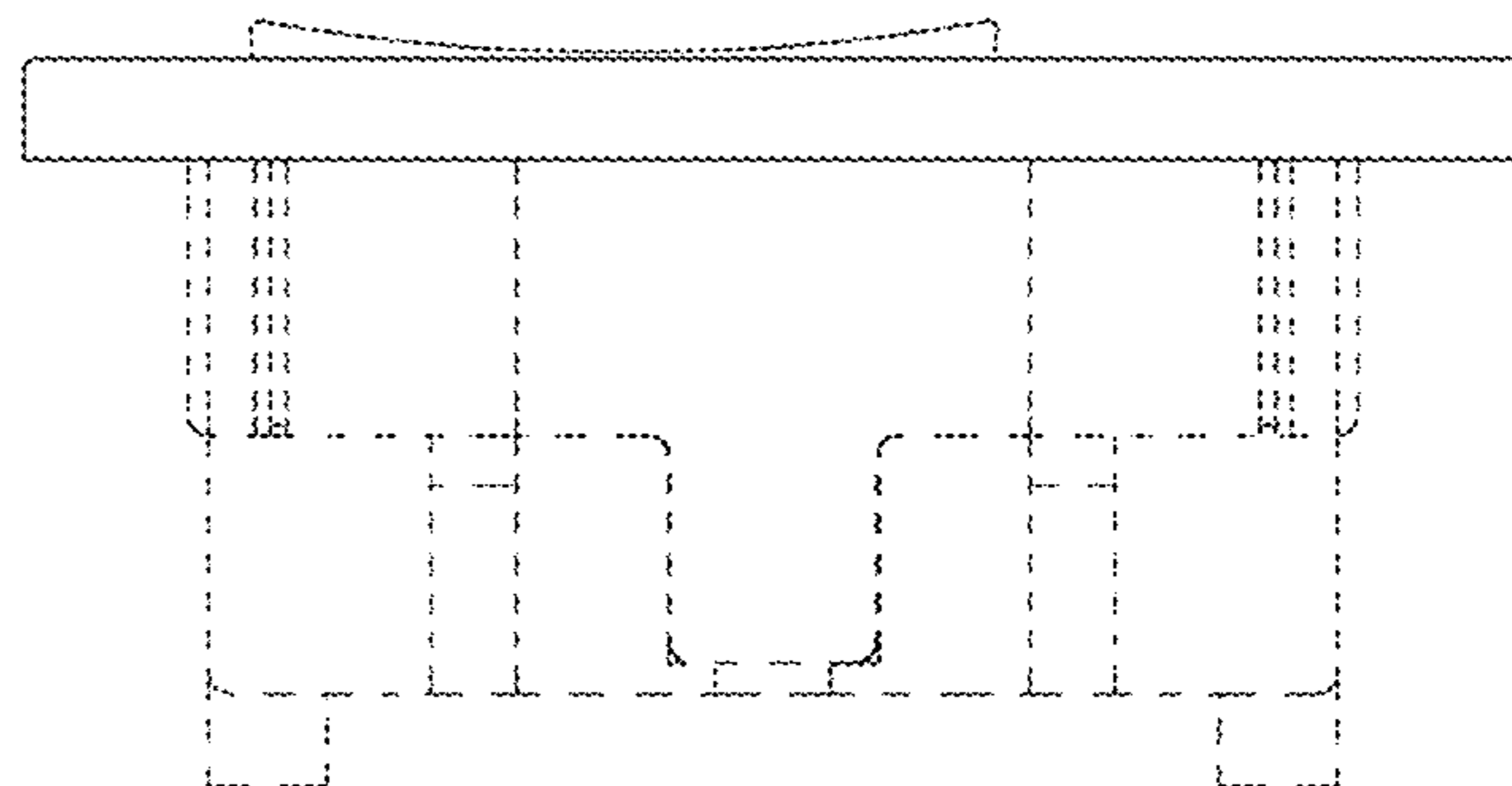
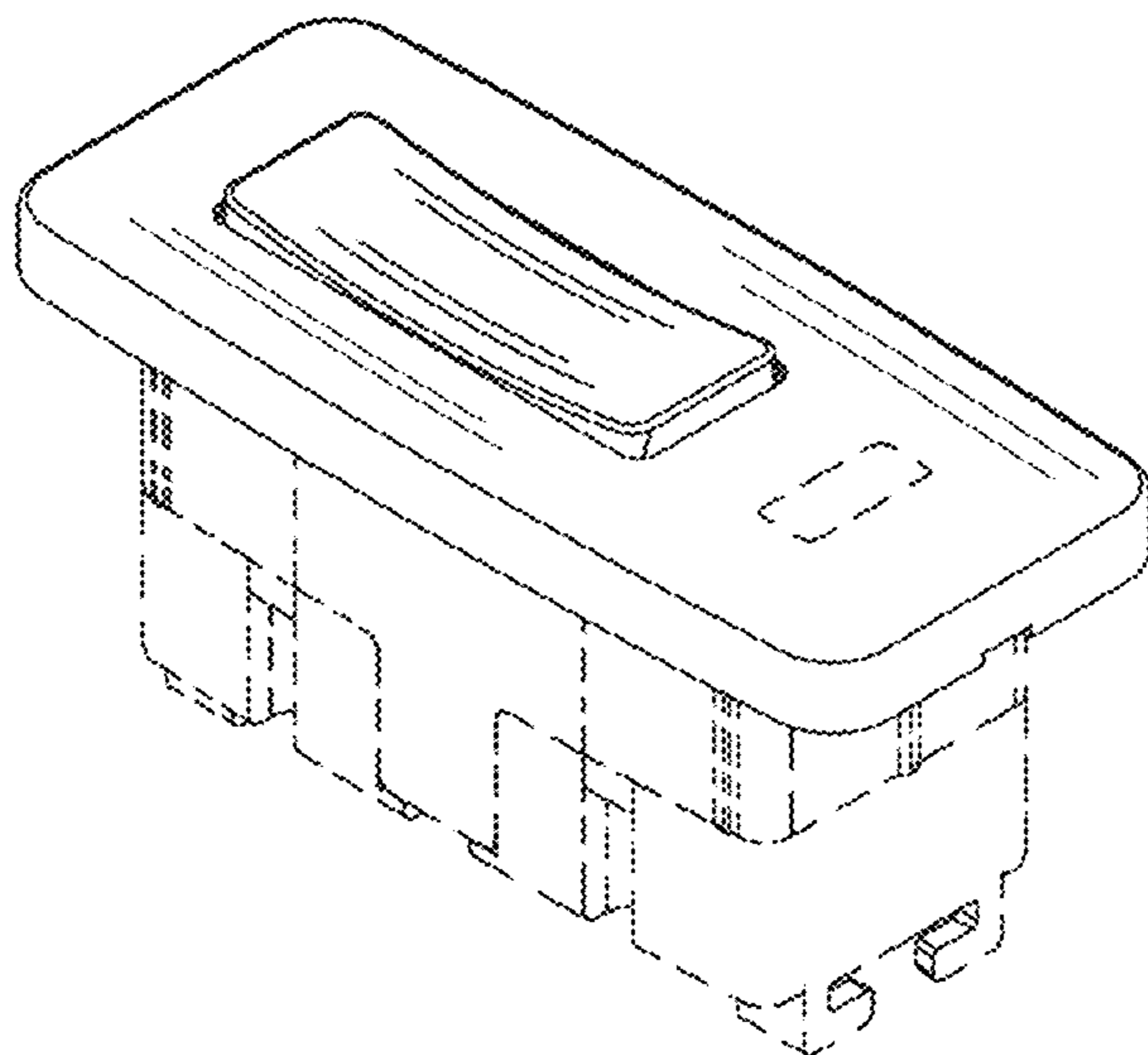
DESCRIPTION

FIG. 1 is a three-quarter perspective view showing our new design of a switch;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a top plan view thereof; and,
FIG. 6 is a bottom plan view thereof.

The broken lines shown in FIGS. 1 through 6 are for the purpose of illustrating environment and form no part of the claimed design.

1 Claim, 6 Drawing Sheets

- (56) **References Cited**
U.S. PATENT DOCUMENTS
4,899,063 A * 2/1990 Suck H01H 13/70 307/9.1
D310,202 S * 8/1990 Suck D13/164
6,388,221 B1 * 5/2002 Rudolph H01H 23/04 200/339



(56)

References Cited

U.S. PATENT DOCUMENTS

D885,351 S * 5/2020 Li D13/169
D885,352 S * 5/2020 Li D13/169
D885,353 S * 5/2020 Li D13/169
2005/0258023 A1* 11/2005 Nagai H01H 23/14
200/339
2014/0306505 A1* 10/2014 Koch A47C 7/72
297/330
2017/0287657 A1* 10/2017 Naka H01H 13/14

* cited by examiner

FIG. 1

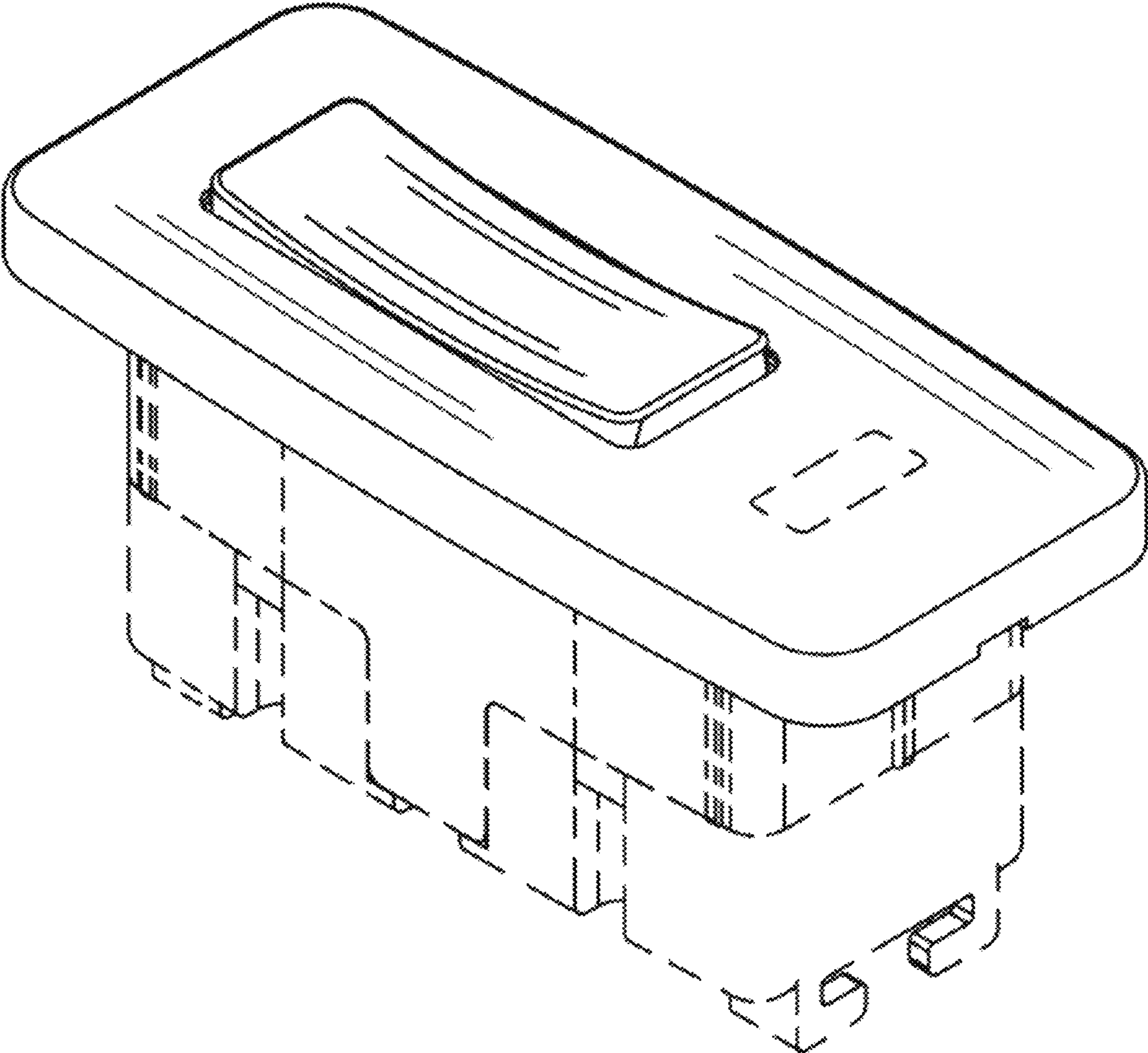


FIG. 2

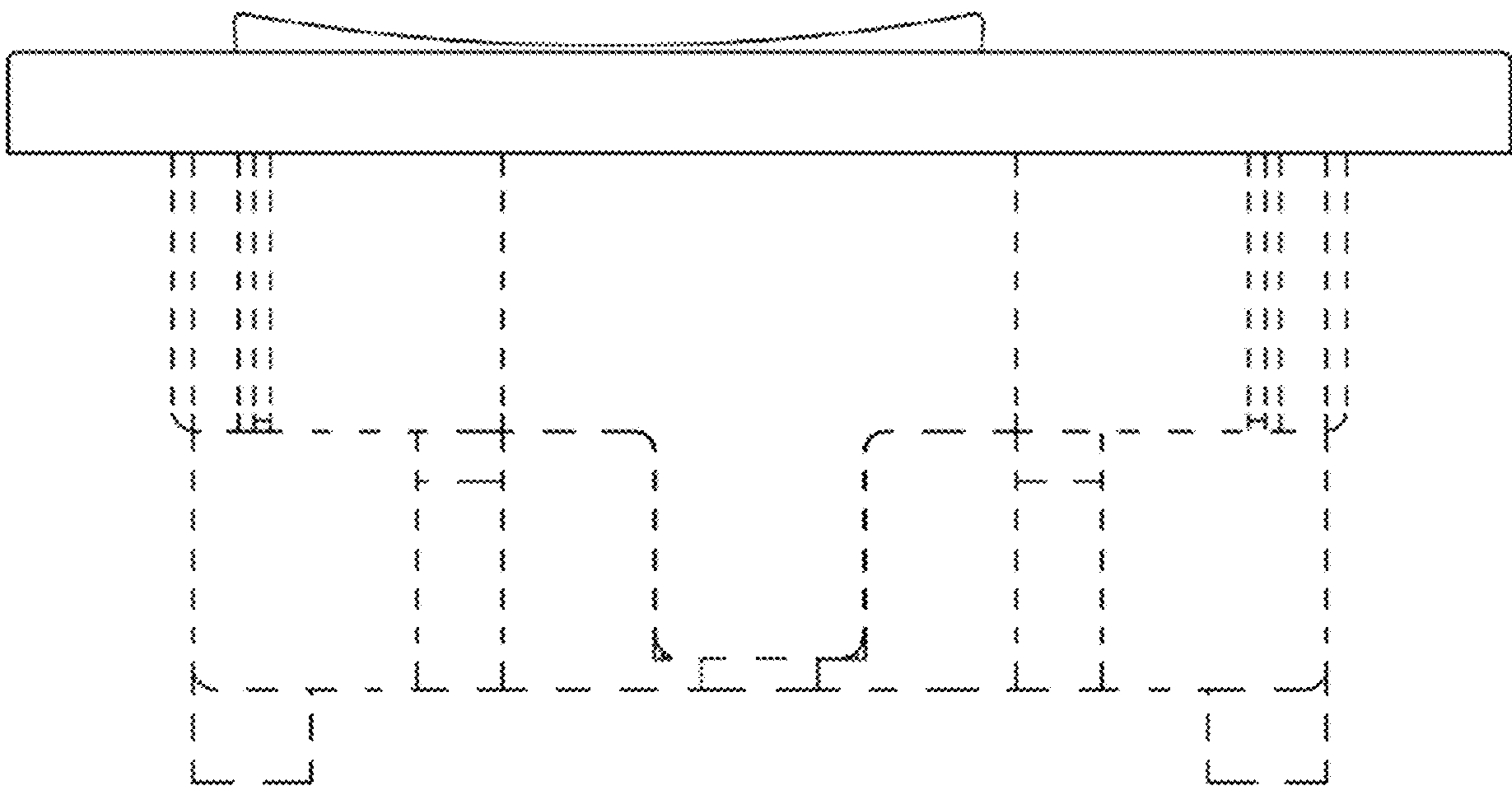


FIG. 3

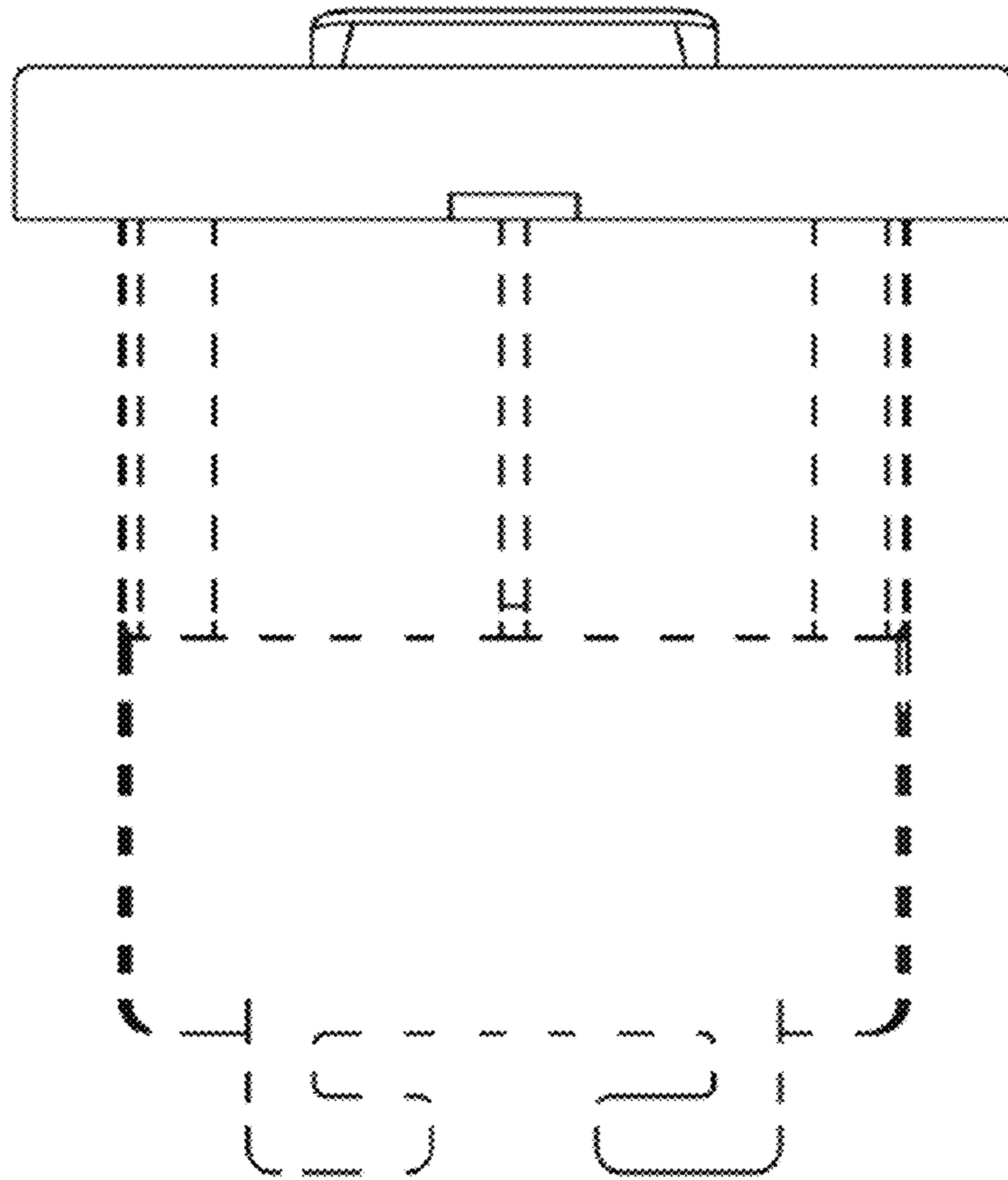


FIG. 4

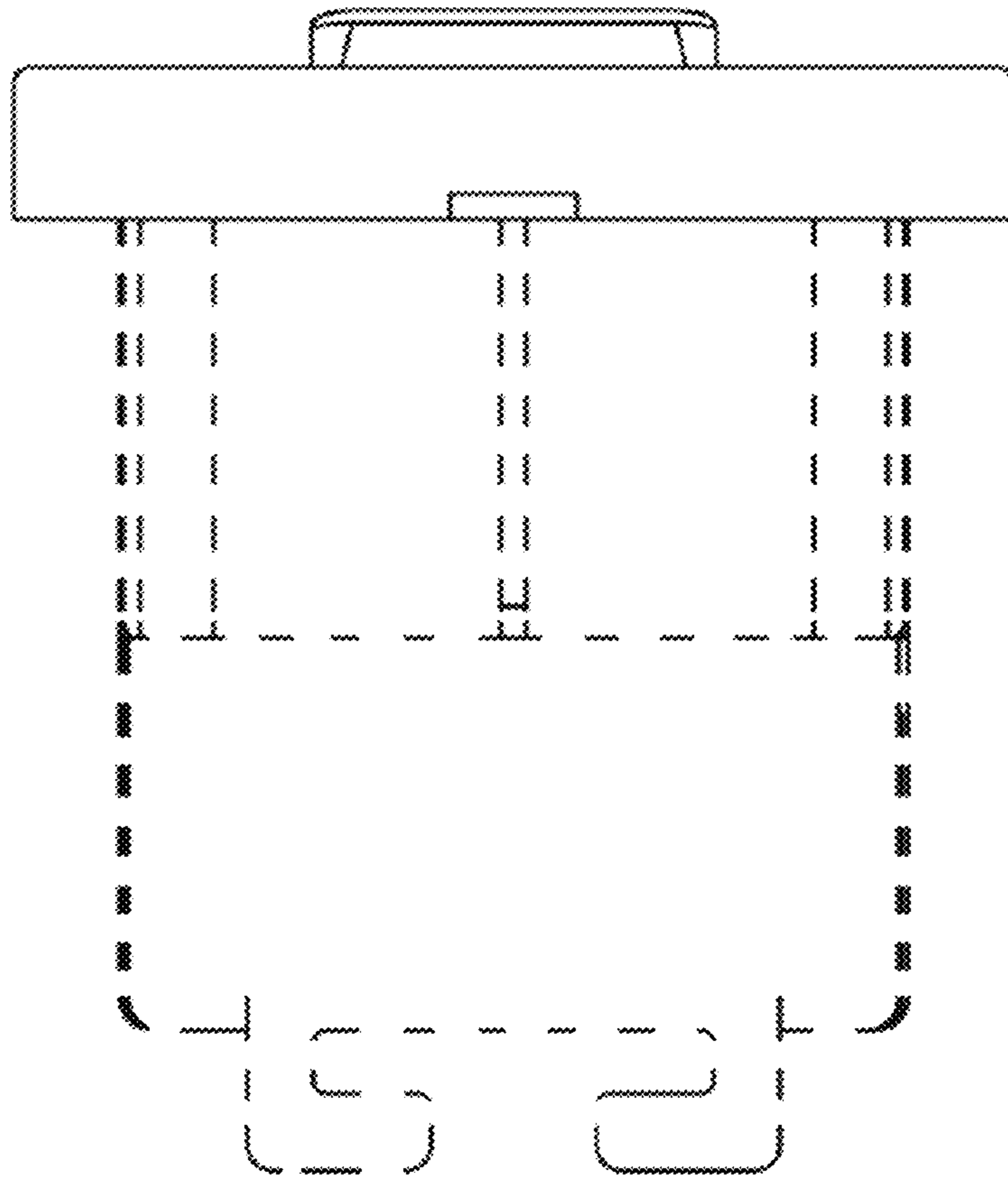


FIG. 5

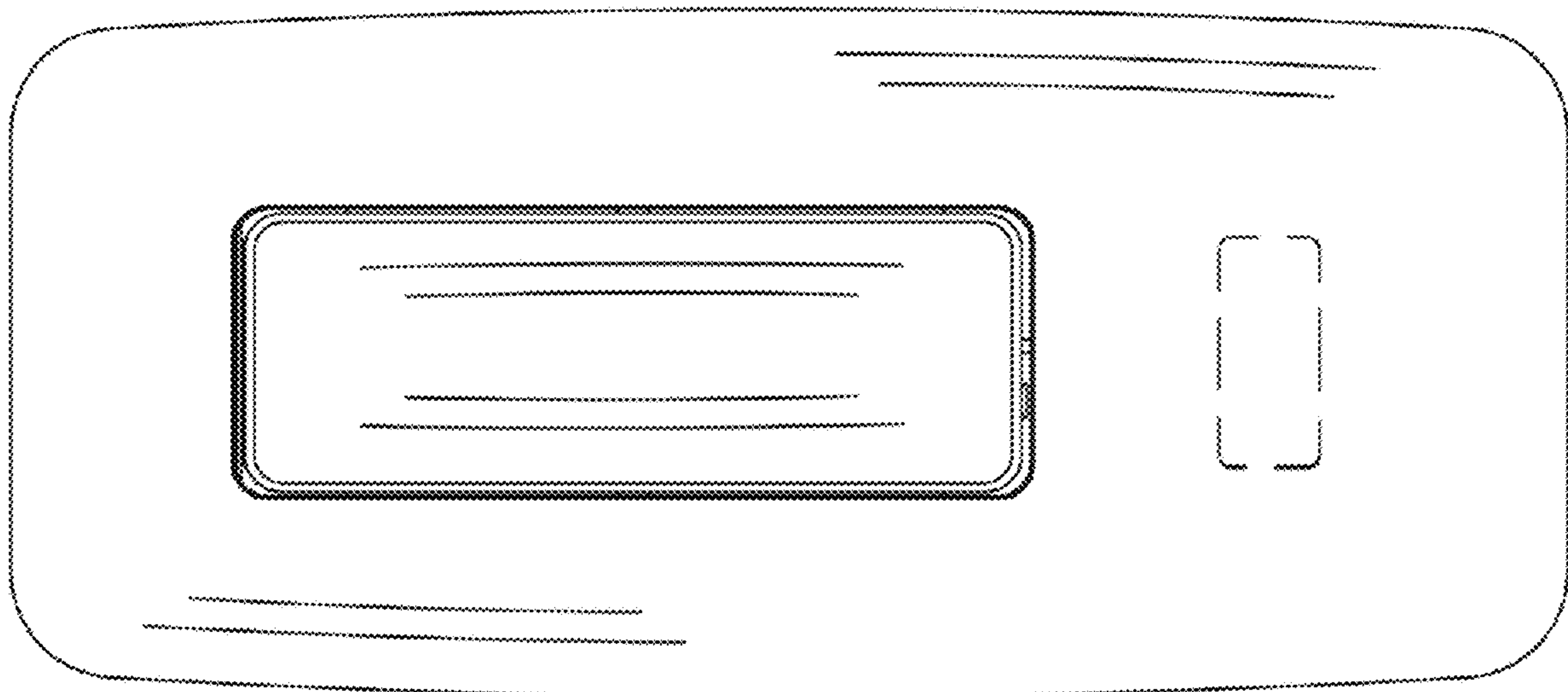


FIG. 6

