

US00D772749S

(12) **United States Design Patent** (10) **Patent No.:** **US D772,749 S**
Parker et al. (45) **Date of Patent:** **** Nov. 29, 2016**

(54) **DOOR CHIME**

(71) Applicant: **NOVAR ED&S Limited**, Bracknell,
Berkshire (GB)

(72) Inventors: **Christopher Parker**, London (GB);
Dominic Hargreaves, Stratford Upon
Avon (GB); **Felix Haeffner**, London
(GB); **Iphin Rangson**, London (GB)

(73) Assignee: **Novar ED&S Limited**, Bracknell (GB)

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

(21) Appl. No.: **29/530,148**

(22) Filed: **Jun. 12, 2015**

(30) **Foreign Application Priority Data**

Dec. 15, 2014 (EM) 002597419

(51) **LOC (10) Cl.** **10-05**

(52) **U.S. Cl.**
USPC **D10/118.2**

(58) **Field of Classification Search**
USPC D10/118, 118.2
CPC G08B 3/10
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D118,866 S	2/1940	Rittenhouse	
D120,424 S	5/1940	McMullen	
D122,293 S	9/1940	Guild	
D199,875 S *	12/1964	Stevenson	D10/118
D207,755 S	5/1967	Stevenson	
D208,339 S	8/1967	Stevenson	
D215,187 S	9/1969	Doggart	
D215,375 S	9/1969	Doggart	
D223,304 S	4/1972	Doggart	
D258,424 S	3/1981	Doggart	
D261,117 S	10/1981	Lewis	

D261,118 S	10/1981	Perhacs, Jr.
D264,196 S	5/1982	Doggart
D264,320 S	5/1982	Doggart
D280,082 S	8/1985	Levin et al.
D280,083 S	8/1985	Levin et al.
D284,069 S	6/1986	Levin
D284,173 S	6/1986	Levin
D284,174 S	6/1986	Levin
D284,175 S	6/1986	Levin
D300,528 S	4/1989	Drane
D302,545 S	8/1989	Drane

(Continued)

FOREIGN PATENT DOCUMENTS

CN	2105741	5/1992
CN	1245950	3/2001

(Continued)

OTHER PUBLICATIONS

<https://www.google.com/search?q=door+chime&biw=1092&bih=926&s...>, "Door Chime—Google Search," 18 pages,
printed Jun. 15, 2015.

(Continued)

Primary Examiner — George D Kirschbaum
(74) *Attorney, Agent, or Firm* — Seager, Tufte &
Wickhem, LLP

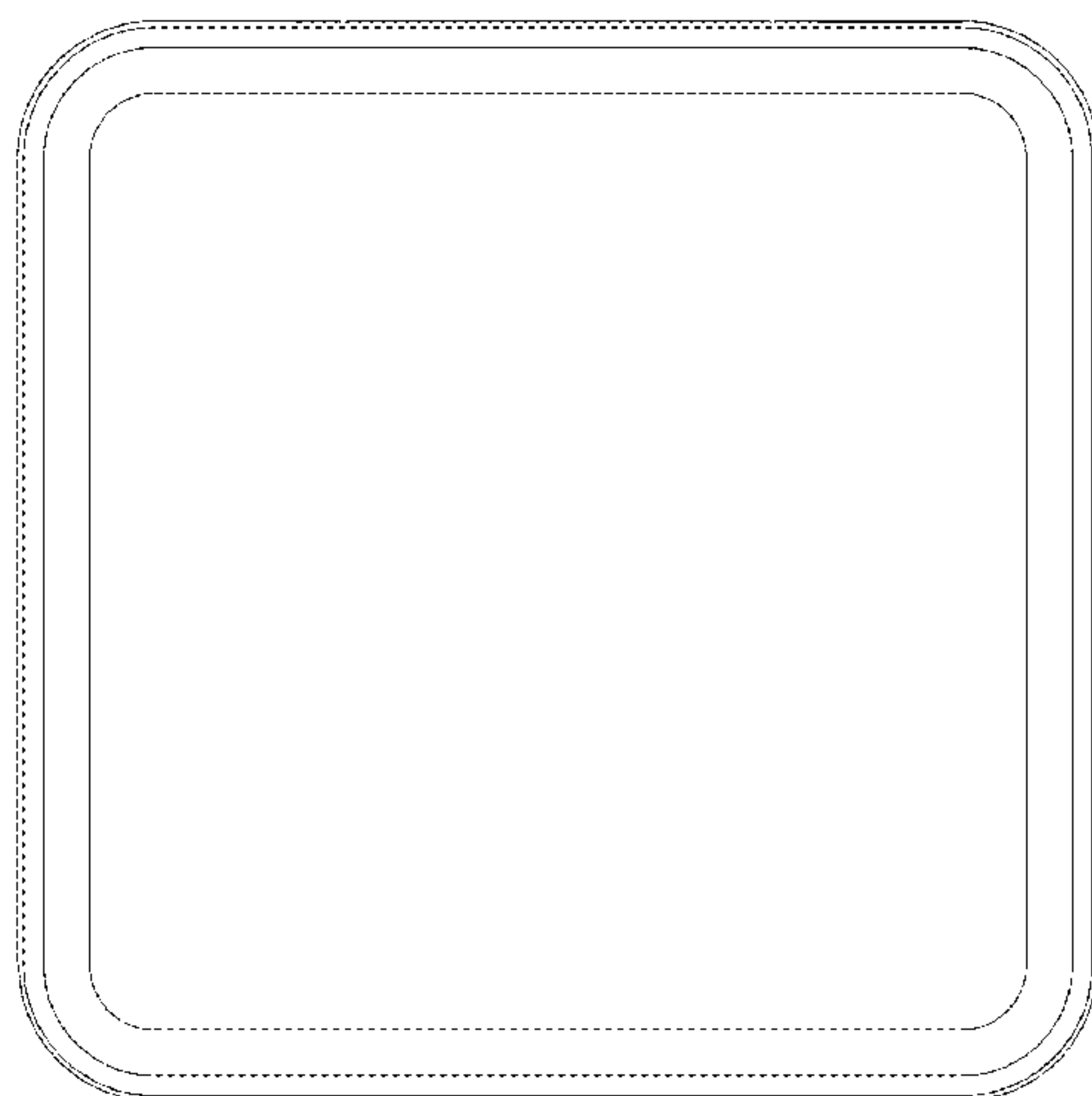
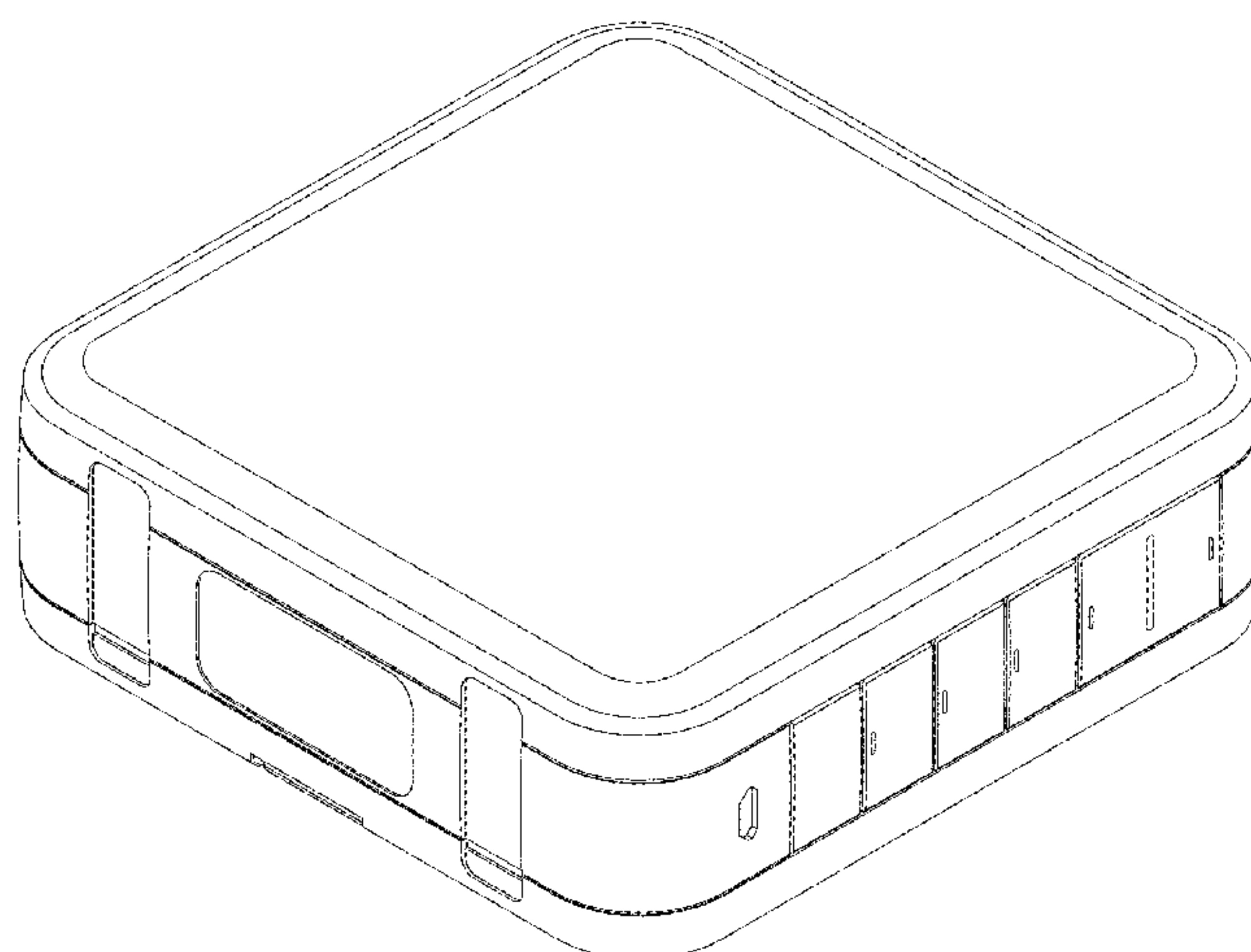
(57) **CLAIM**

An ornamental design for a door chime, as shown and
described.

DESCRIPTION

FIG. 1 is a perspective view of a door chime;
FIG. 2 is a front elevation view of the door chime of FIG.
1; and,
FIGS. 3-6 are left, right, top and bottom views of the door
chime of FIG. 1.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D304,453	S	11/1989	Matsushima	
D353,345	S	12/1994	Dawson	
D380,167	S	6/1997	Ryan	
D381,594	S	7/1997	Ryan	
D382,220	S	8/1997	Huang	
D382,502	S	8/1997	Ryan	
D385,208	S	10/1997	Chui	
D392,576	S	3/1998	Pun	
D392,577	S *	3/1998	Pun	D10/118
5,774,039	A *	6/1998	Housley	G08B 3/10 340/326
D406,110	S	2/1999	Ryan	
D410,404	S	6/1999	Scheibe	
D415,444	S	10/1999	Mooney et al.	
D422,234	S	4/2000	Artuz, Jr.	
D439,186	S	3/2001	Kovens et al.	
D440,509	S	4/2001	Greene	
D459,670	S	7/2002	Bergstrom	
D478,832	S	8/2003	Dipple	
D541,689	S	5/2007	Meyers et al.	
D555,026	S	11/2007	Teiber et al.	
D572,162	S	7/2008	Beland et al.	
D572,619	S	7/2008	Beland et al.	
D573,500	S	7/2008	Beland et al.	
D573,501	S	7/2008	Beland et al.	
D574,284	S	8/2008	Beland et al.	
D574,742	S	8/2008	Spencer	
D574,743	S	8/2008	Beland et al.	
7,576,292	B2	8/2009	Birdwell et al.	
7,868,561	B2	1/2011	Weightman et al.	
8,053,997	B2	11/2011	Salvestrini	
8,076,862	B2	12/2011	Thirugnanasambandham	
8,212,491	B2	7/2012	Kost et al.	
8,324,823	B2	12/2012	Choi et al.	
8,339,048	B2	12/2012	Newman, Jr. et al.	
8,344,647	B2	1/2013	Kinsella	
8,350,487	B2	1/2013	Thirugnanasambandham et al.	
2003/0080855	A1	5/2003	Koneff et al.	
2004/0124978	A1	7/2004	Chen	
2006/0038663	A1	2/2006	Steinetz et al.	
2009/0200952	A1	8/2009	King	

FOREIGN PATENT DOCUMENTS

CN	101276503	10/2008
CN	102426730	4/2012
CN	203260133	10/2013

DE	10012082	10/2001
EP	1135007	4/2003
EP	1158841	2/2006
GB	2418082	3/2000
GB	2343796	5/2000
JP	2006032030	2/2006
JP	2008035632	2/2008
WO	WO03/005550	1/2003
WO	WO2007/006851	1/2007
WO	WO2009/036517	3/2009
WO	WO2009/099522	8/2009

OTHER PUBLICATIONS

<http://12.153.20.72/cgi-bin/chimeswdc.cgi?product=1>, “Heath Zenith Lighting and Door Chimes, Model 57-1/M,” 1 page, printed Oct. 24, 2007.

<http://www.friedland.co.uk/products/libraplus.htm>, “Friedland Libra+ Wirefree Chimes,” 3 pages, printed Mar. 24, 2008.

<http://www.nutone.com/product-detail.asp?ProductID=11246>, “Nutone Model BK105—One 2-Note White Door Chime—Builder Kits,” 2 pages, printed Oct. 24, 2007.

<http://www.nutone.com/product-detail.asp?ProductID=11242>, “Nutone Model BK140LWH—One 2-Note White Door Chime—Builder Kits,” 2 pages, printed Oct. 24, 2007.

Design U.S. Appl. No. 29/530,145, filed Jun. 12, 2015.

Design U.S. Appl. No. 29/530,150, filed Jun. 12, 2015.

Design U.S. Appl. No. 29/530,151, filed Jun. 12, 2015.

Search Report for GB Application No. 1422234.3, dated May 28, 2015.

U.S. Appl. No. 14/967,769, filed Dec. 14, 2015.

<http://bellman.com/en/our-solutions/home-altering-solutions/>, “Home Alerting Solutions,” 7 pages, printed Jun. 30, 2015.

http://doorchimesuk.co.uk/catalog/product_info.php?cPath=34&productsid=444, “Byron BY202tx 100m Plug-in Front Door/Back Door Wireless Chime Kit from Doorc . . .,” 1 page, printed Jun. 30, 2015.

<http://web.archive.org/web/20141026150006/http://www.actiononhearingloss.org.uk/s> . . . , “Flashing or Vibrating Door-bells—Action on Hearing Loss: RNID,” 3 pages, printed Mar. 7, 2016.

* cited by examiner

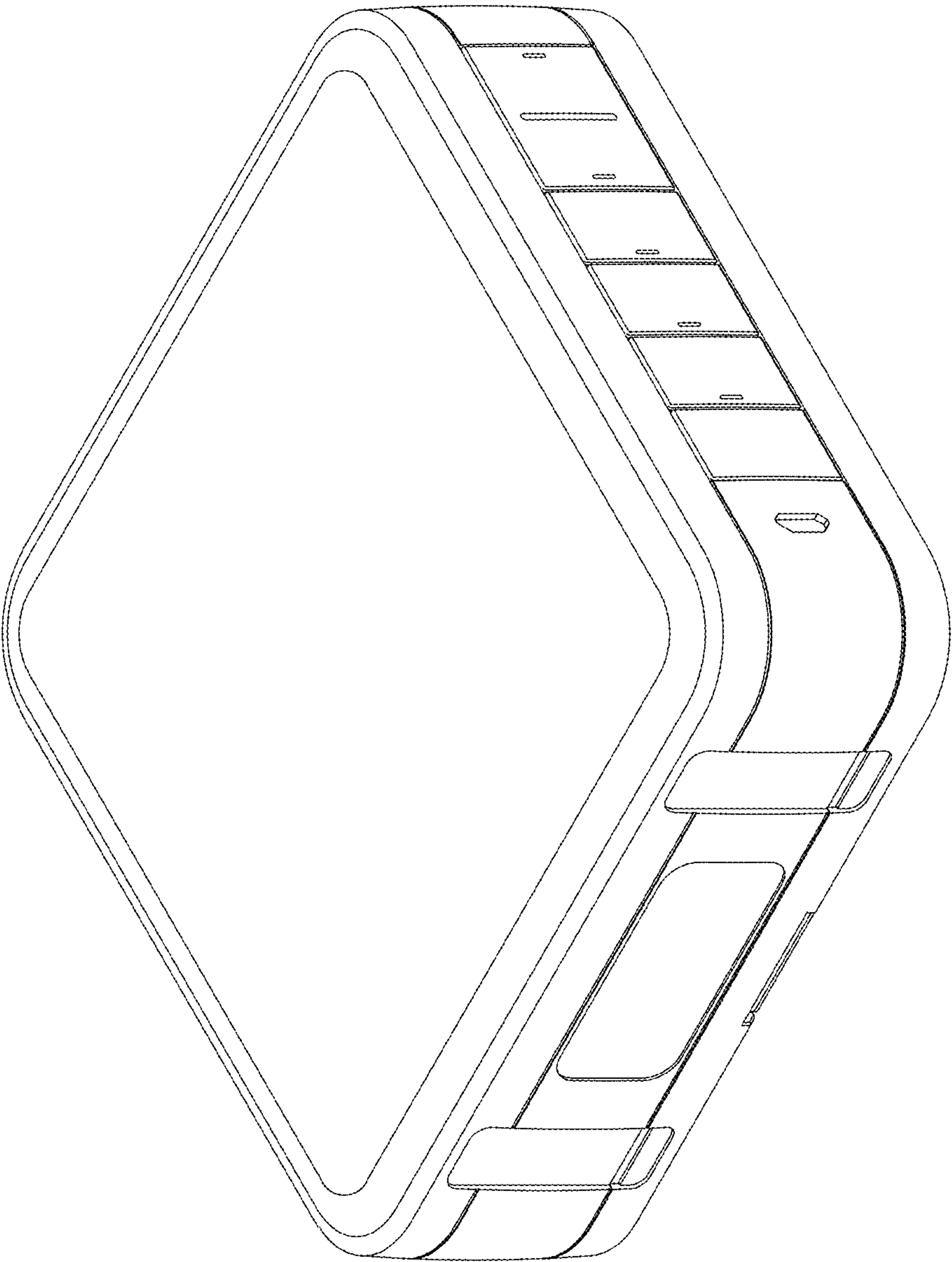


Figure 1

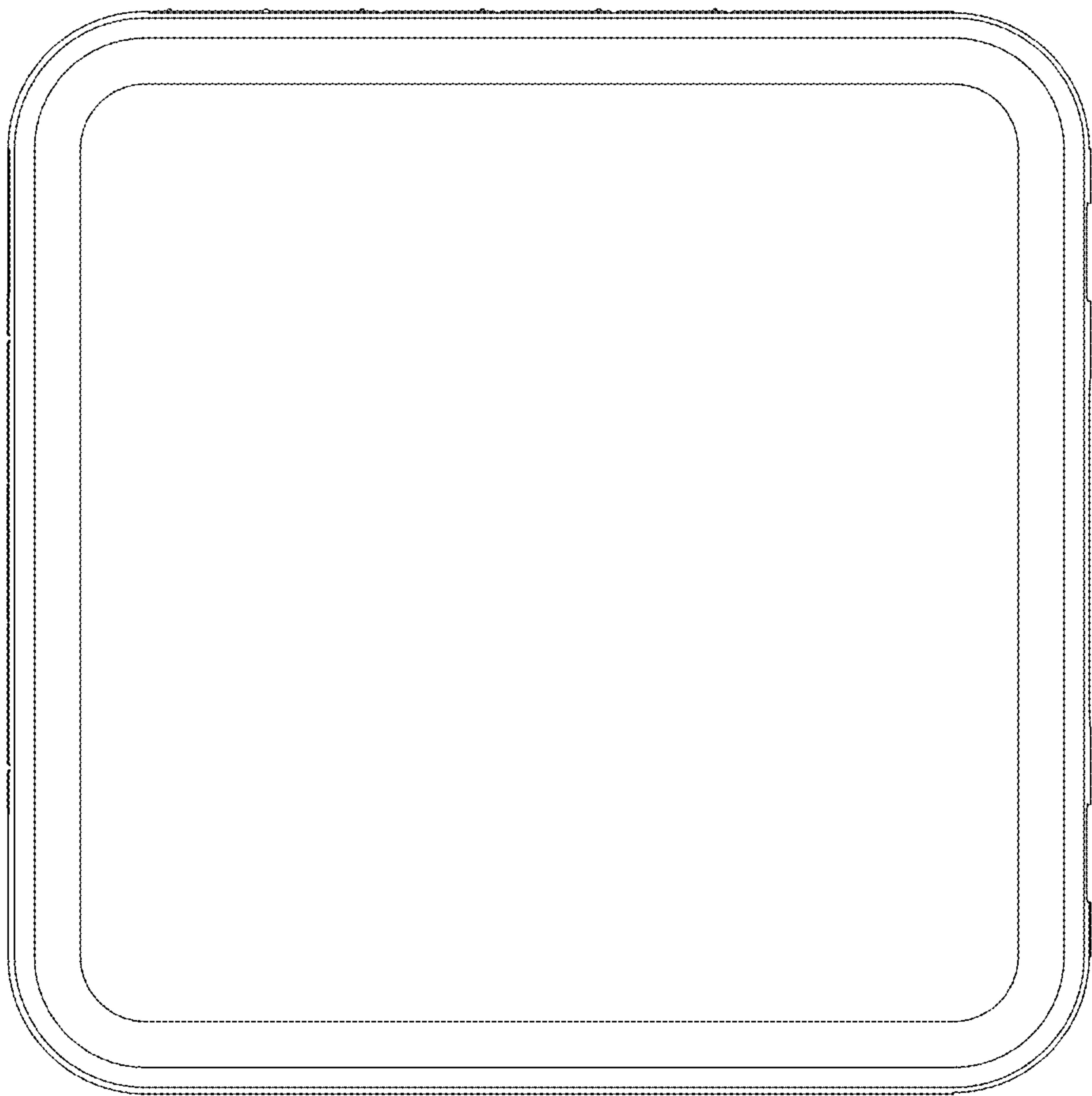


Figure 2

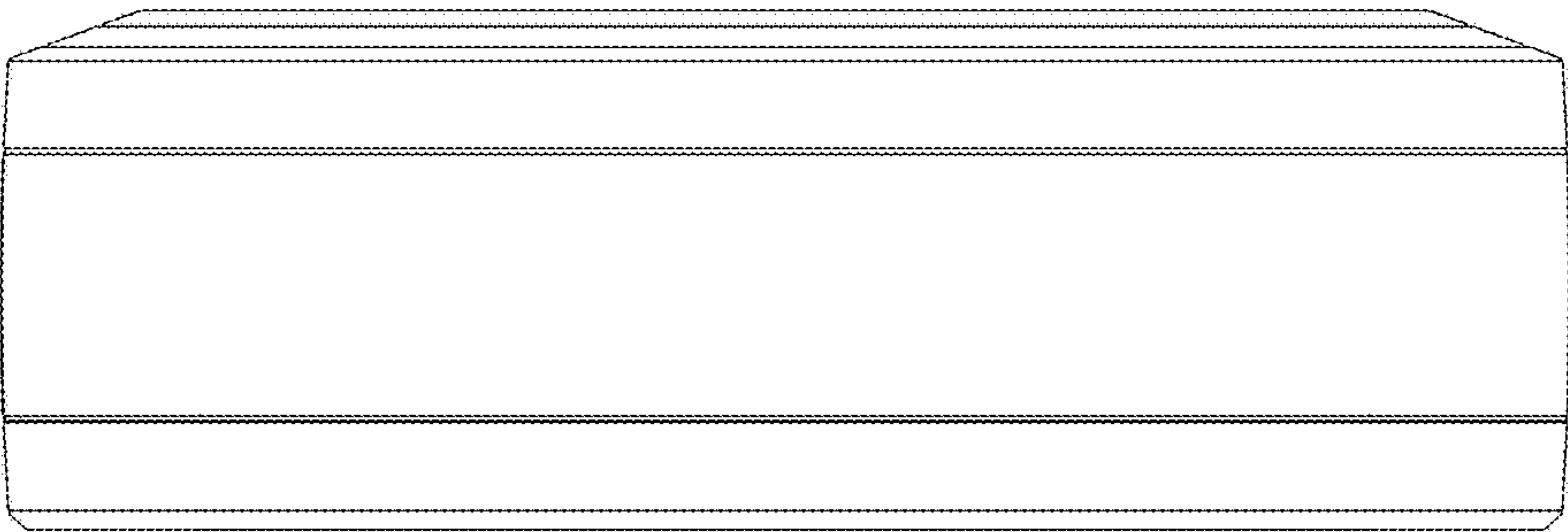


Figure 3

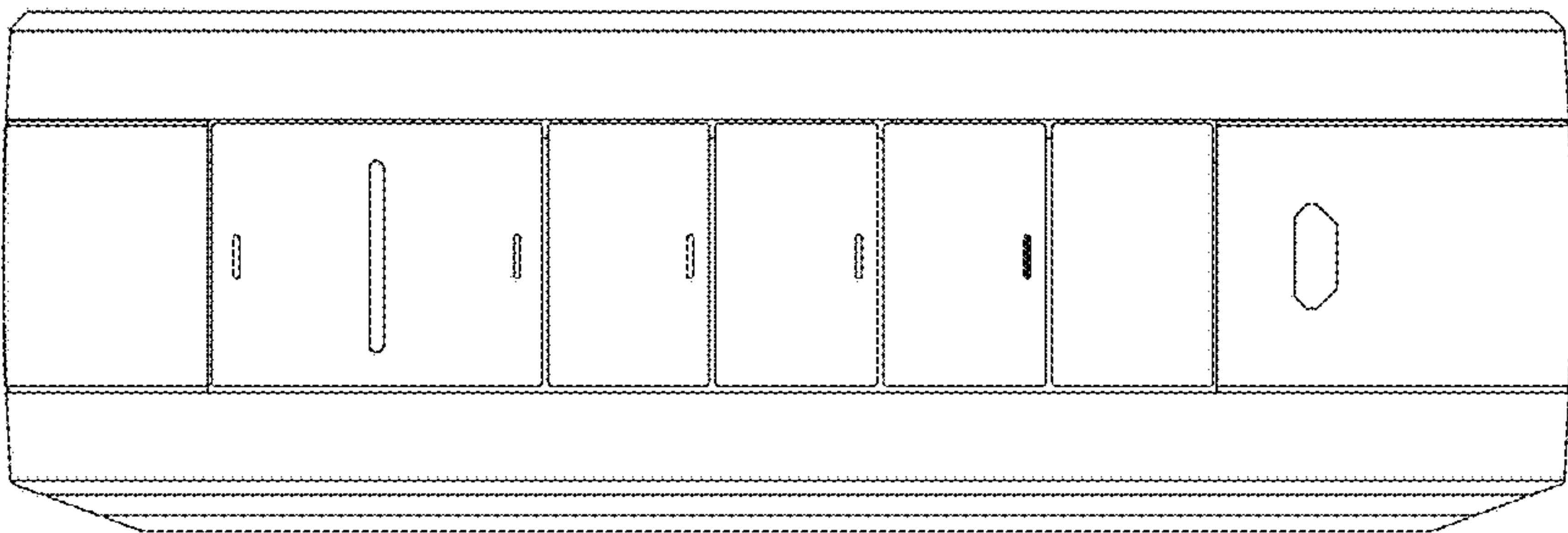


Figure 4

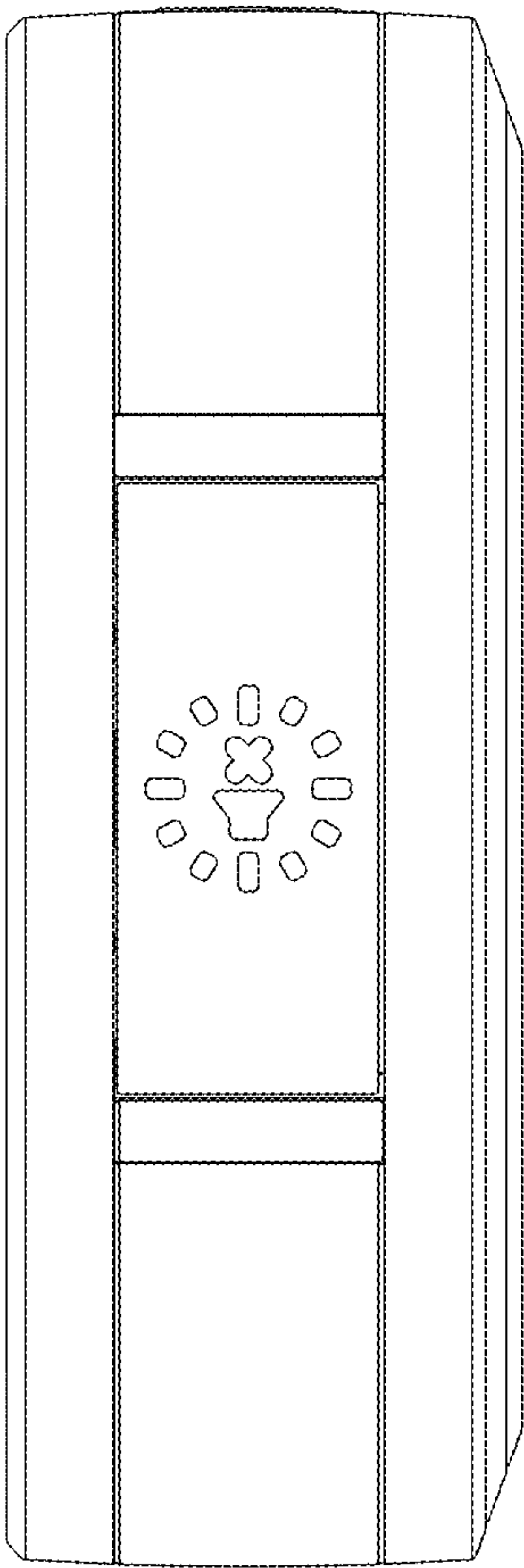


Figure 5

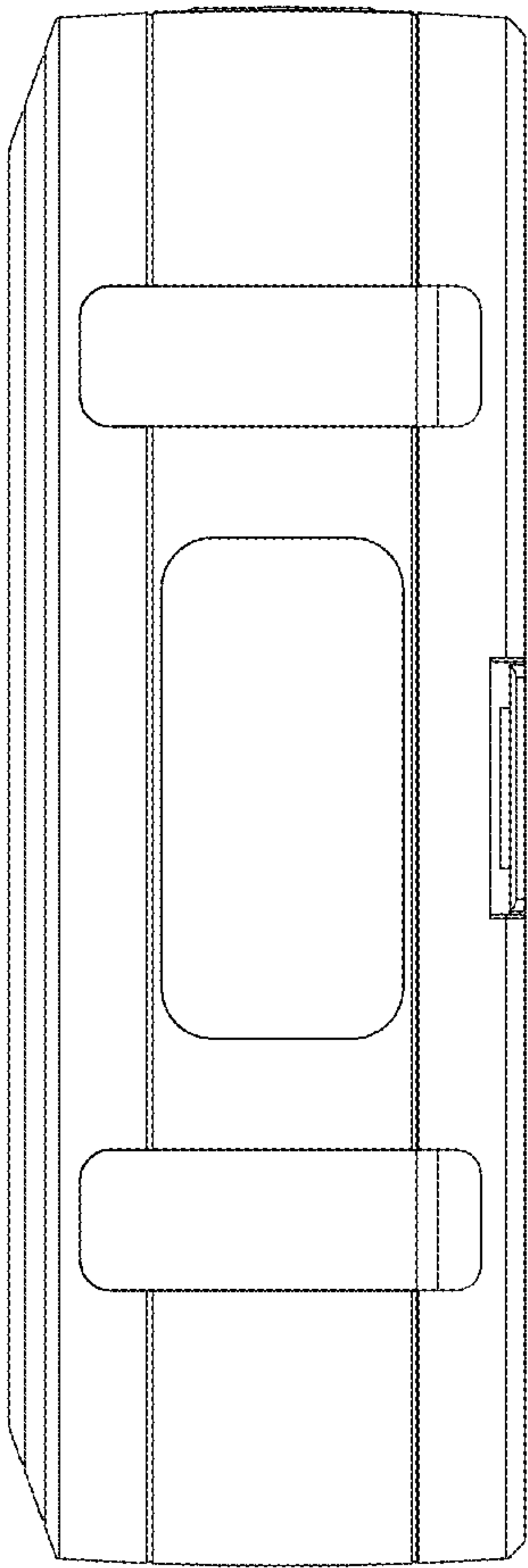


Figure 6