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(12) United States Design Patent

Ebrahimi Afrouzi

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(54) **ROBOT CONFINEMENT TRANSCEIVER**

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(73) Assignee: **Al Incorporated**, Toronto (CA)

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

(21) Appl. No.: **29/597,261**

(22) Filed: **Mar. 15, 2017**

(51) **LOC (11) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/230**; D32/31

(58) **Field of Classification Search**
USPC .... D14/137, 138 R, 138 AA, 148, 155, 167, D14/168, 230–238, 240, 242, 265, 299, D14/343, 358, 204, 214, 218, 221, 509, D14/203.6, 216, 238.1; D32/21, 31; D10/113.2; D15/199
CPC H01Q 7/00; H01Q 13/10; H01Q 9/285; H01Q 19/30; H01Q 19/12; H01Q 1/38; H01Q 1/36; H01Q 1/0475; H01Q 1/034; H05K 11/00; G05D 1/0234
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D480,712	S *	10/2003	Noro	D14/230
6,690,134	B1 *	2/2004	Jones	A47L 9/009 180/167
D515,075	S *	2/2006	Kusanagi	D14/230
D515,076	S *	2/2006	Kusanagi	D14/230
D531,173	S *	10/2006	Aizawa	D14/230
D593,078	S *	5/2009	Sato	D14/230
D594,864	S *	6/2009	Song	D14/358
D702,271	S *	4/2014	Lin	D15/143
8,688,272	B2 *	4/2014	Hong	G05D 1/0234 700/242
D718,715	S *	12/2014	Si	D13/110
D731,449	S *	6/2015	Norman	D13/184
D734,907	S *	7/2015	Dooley	D32/31
9,146,560	B2 *	9/2015	Burnett	G05D 1/0272
9,314,925	B2 *	4/2016	Hong	B25J 9/1676
D764,460	S *	8/2016	Veja	D14/358
D773,720	S *	12/2016	Lin	D26/110
D775,990	S *	1/2017	White	D10/113.2
D775,991	S *	1/2017	White	D10/113.2

(Continued)

OTHER PUBLICATIONS

BlOck, bObsweep PetHair, as posted at YouTube.com [online], published on Apr. 5, 2016, [site visited Feb. 27, 2018]. Available from the Internet, <URL: https://www.youtube.com/watch?v=4qLZUWHMdr8>.*

(Continued)

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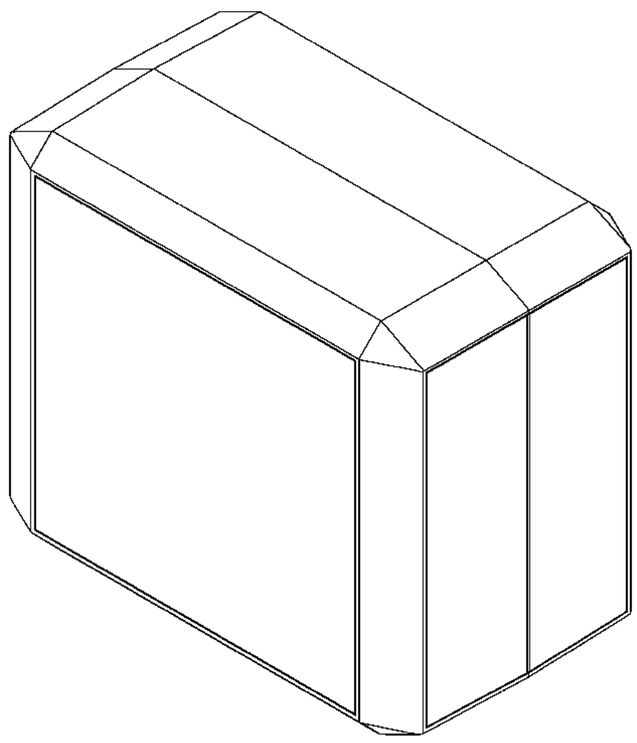
(57) **CLAIM**

The ornamental design for a robot confinement transceiver, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a robot confinement transceiver showing my new design;
FIG. **2** is a front elevation view thereof;
FIG. **3** is a left side elevation view thereof, the right side being a mirror image;
FIG. **4** is a top plan view thereof;
FIG. **5** is a rear elevation view thereof; and,
FIG. **6** is a bottom plan view thereof.
The broken line showing of portions of the robot confinement transceiver is for illustrative purposes and forms no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

9,868,211	B2 *	1/2018	Williams	B25J 9/1666
2011/0202175	A1 *	8/2011	Romanov	A47L 11/4011 700/250

OTHER PUBLICATIONS

BlOck Plus, bObsweep PetHair Plus, as posted at YouTube.com [online], published on Feb. 15, 2017, [site visited Feb. 27, 2018]. Available from the Internet, <URL: https://www.youtube.com/watch?v=tXRdTvFlbm0>.*

* cited by examiner

FIG. 1

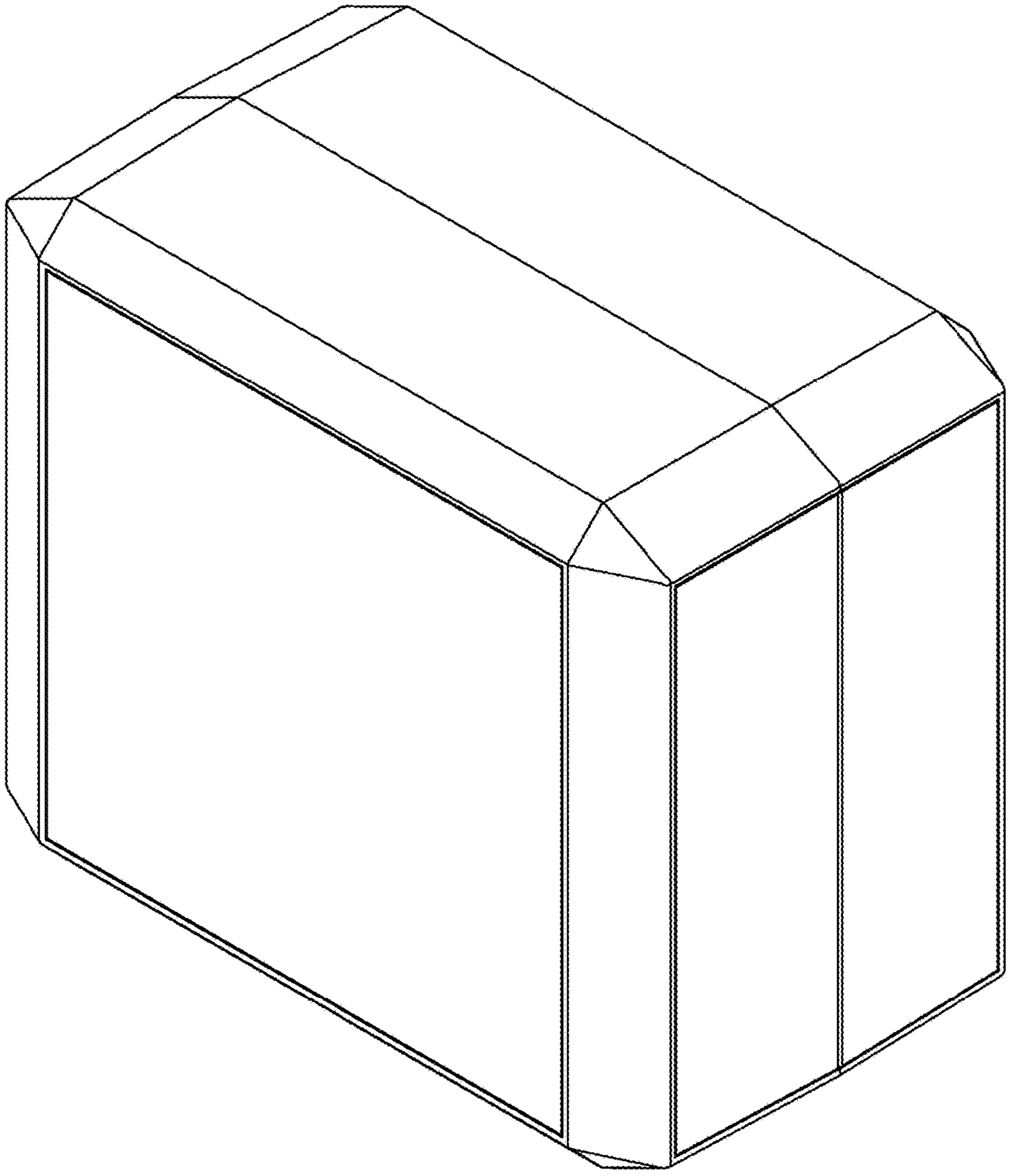


FIG. 2

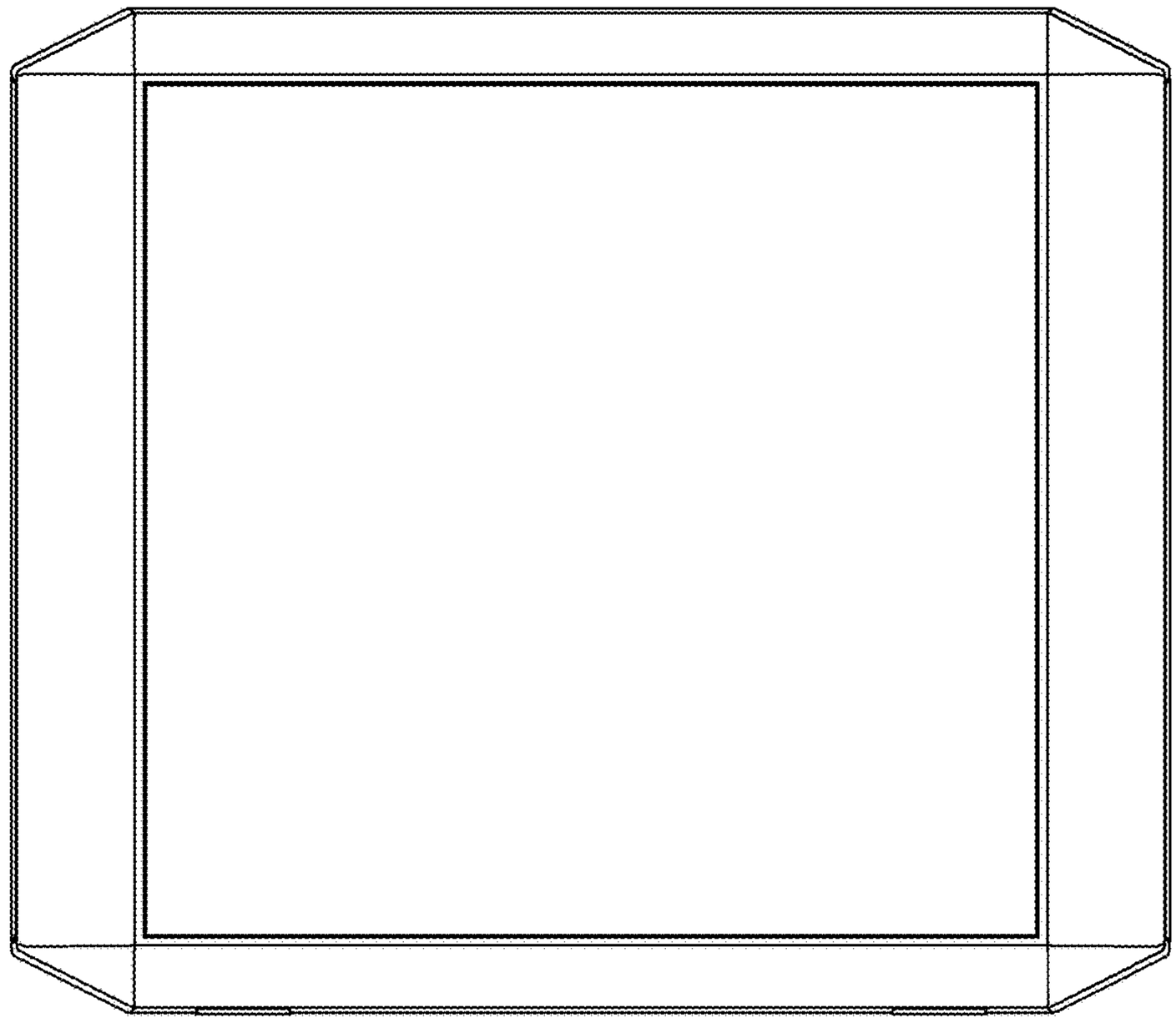


FIG. 3

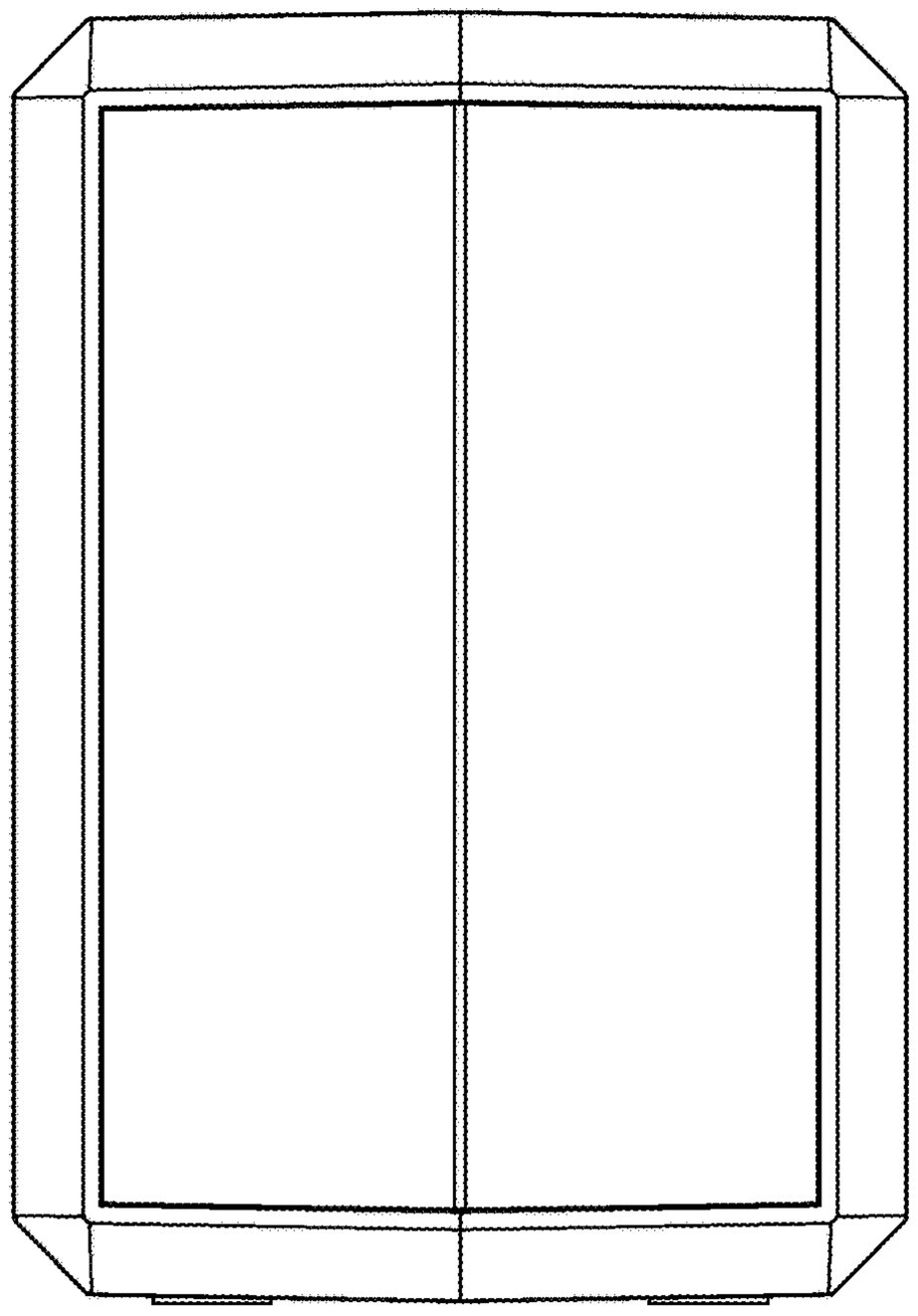


FIG. 4

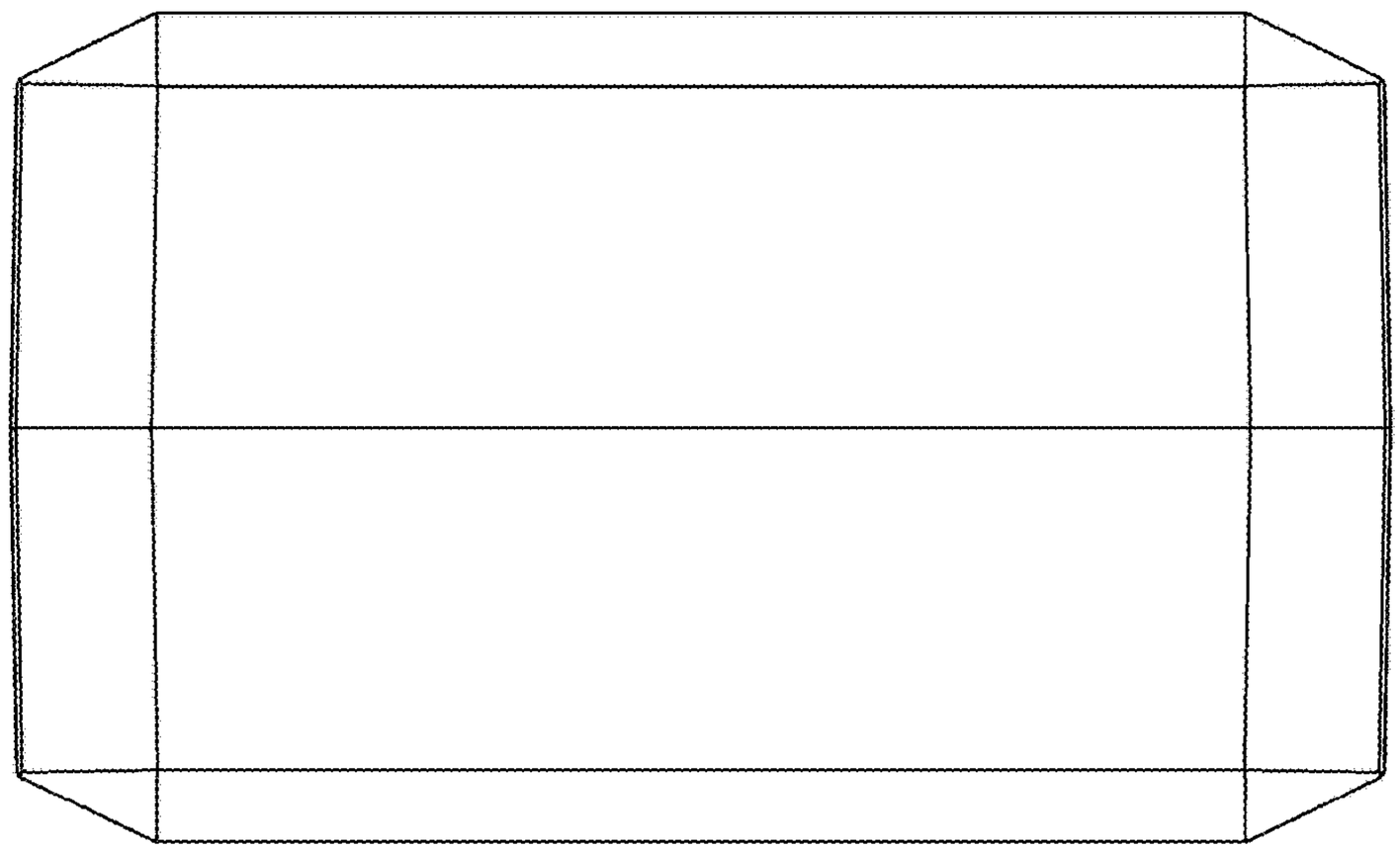


FIG. 5

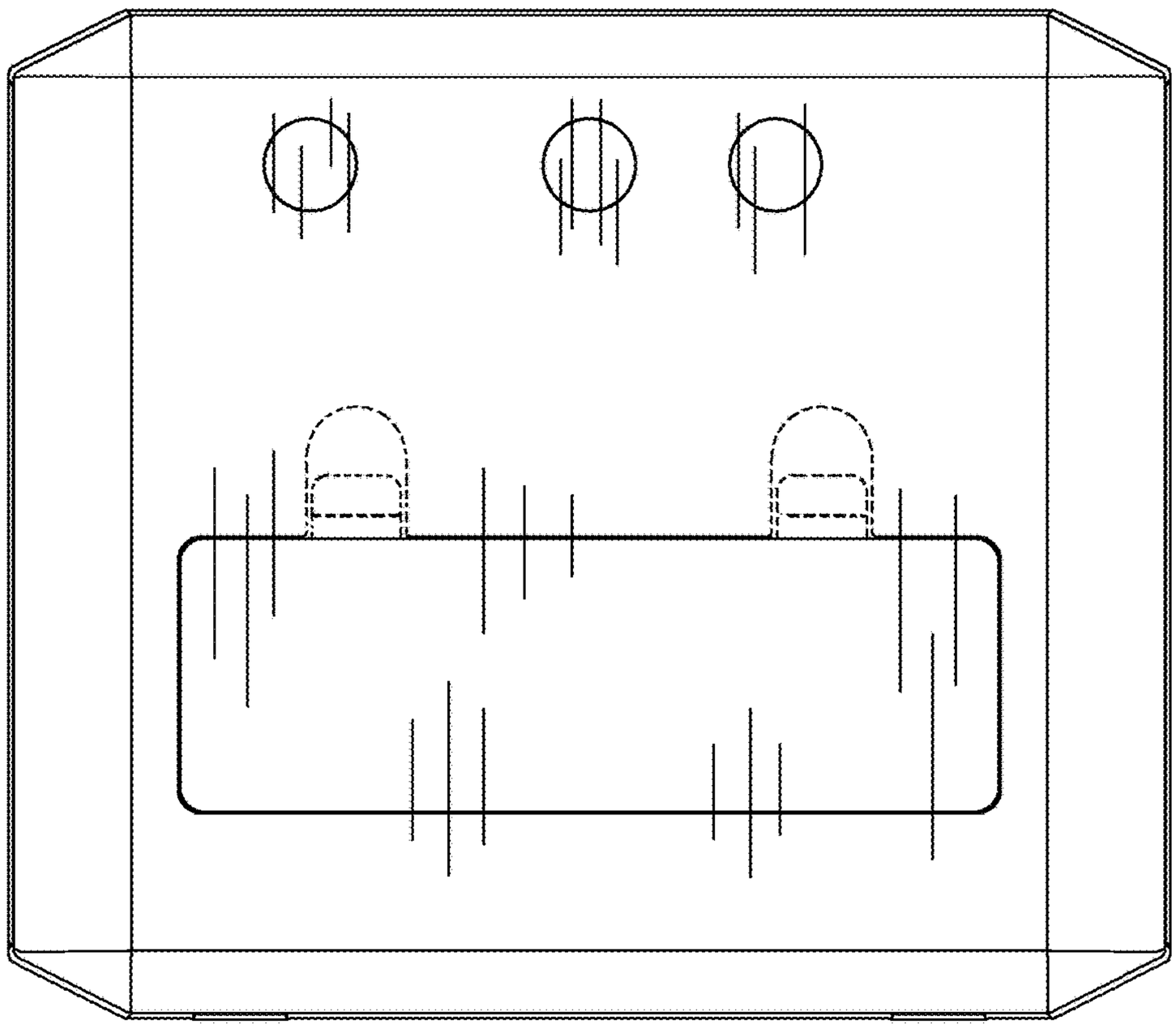


FIG. 6