



US00D808091S

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

(10) **Patent No.:** **US D808,091 S**
(45) **Date of Patent:** **** Jan. 16, 2018**

- (54) **ULTRASONIC CLEANER**
- (71) Applicant: **Newbee New Energy Technology Co. LTD**, San Francisco, CA (US)
- (72) Inventor: **Yucheng Pan**, San Francisco, CA (US)
- (73) Assignee: **NEWBEE NEW ENERGY TECHNOLOGY CO., LTD.**, San Francisco, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/574,984**
- (22) Filed: **Aug. 19, 2016**
- (51) **LOC (11) Cl.** **15-05**
- (52) **U.S. Cl.**
USPC **D32/1**
- (58) **Field of Classification Search**
USPC D32/1, 15, 16, 25; D7/605, 619.1;
D3/218, 272, 273, 276, 29, 321, 279-81,
D3/905; D24/185-187, 217; D13/169,
D13/131, 162, 174, 176
CPC ... A47L 15/0086; A47L 15/0076; A47L 15/13
See application file for complete search history.

- 3,584,244 A * 6/1971 Vest B06B 1/0253
310/316.01
- 3,595,532 A * 7/1971 Doyle B08B 3/12
366/111
- 3,640,295 A * 2/1972 Peterson B08B 3/12
134/1
- 4,114,194 A * 9/1978 Walter A47L 15/13
310/318
- 4,320,528 A * 3/1982 Scharton F22B 37/483
134/1
- D266,794 S * 11/1982 Puskas D32/1
- 4,442,852 A * 4/1984 Lord B08B 3/12
134/135
- D300,677 S * 4/1989 Van Hoyer D32/1
- D307,653 S * 5/1990 Weirsmann D32/1
- D307,654 S * 5/1990 Weirsmann D32/1
- D315,039 S * 2/1991 Wortham D32/1

(Continued)

Primary Examiner — Michael A. Pratt
Assistant Examiner — Michelle E Wilson
(74) *Attorney, Agent, or Firm* — Law Offices of Steven W. Weinrieb

(57) **CLAIM**

The ornamental design for an ultrasonic cleaner, as shown and described.

DESCRIPTION

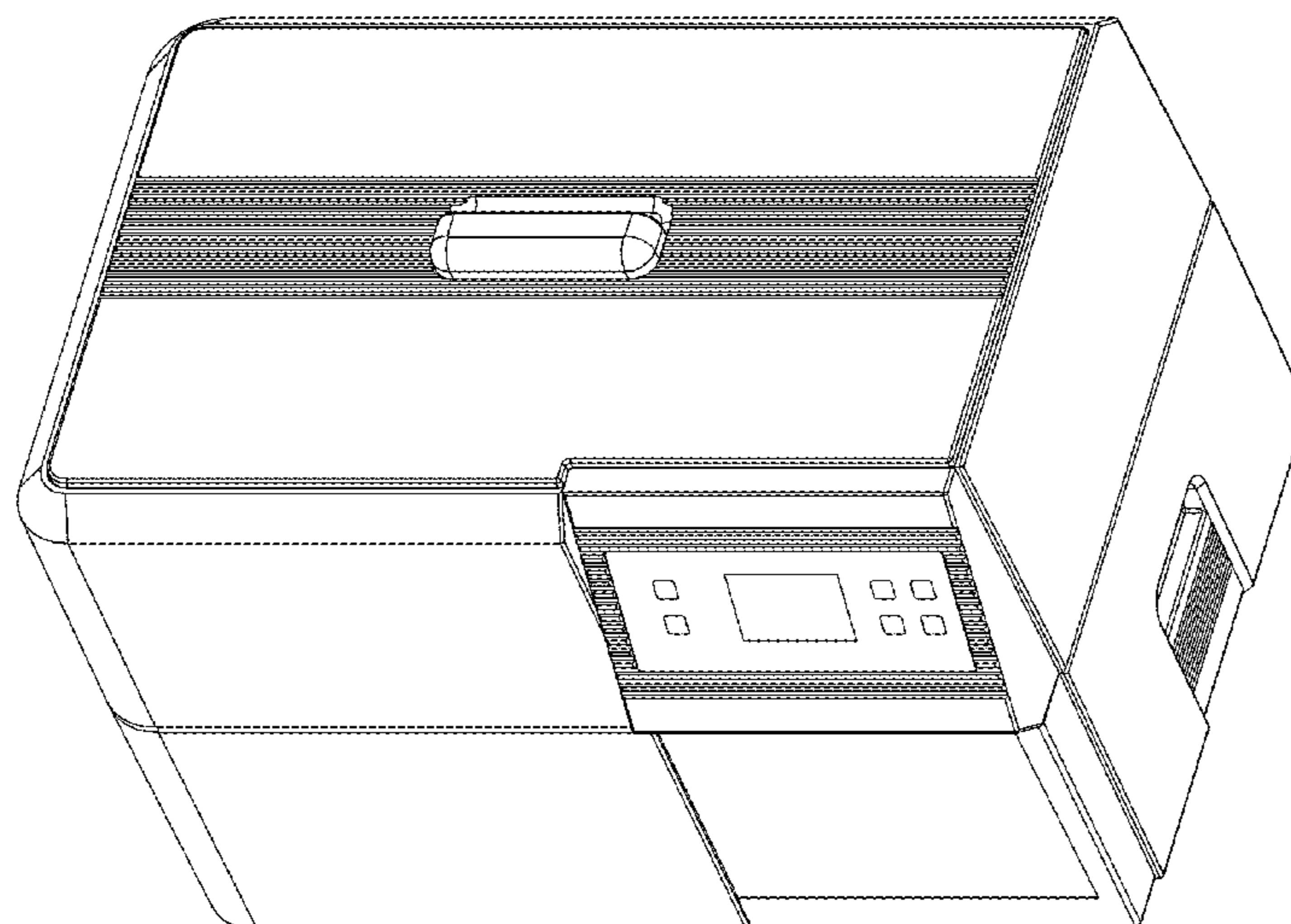
FIG. 1 is a perspective view of an ultrasonic cleaner, showing my new design.
FIG. 2 is a front view thereof.
FIG. 3 is a rear view thereof.
FIG. 4 is a left view thereof.
FIG. 5 is a right view thereof.
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines depict portions of the ultrasonic cleaner in which the design is embodied that form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,896,648 A * 7/1959 Lazarus B08B 3/12
134/1
- 3,007,478 A * 11/1961 Leonhardt A61L 2/025
134/1
- 3,180,626 A * 4/1965 Mettler B08B 3/12
134/184
- 3,403,245 A * 9/1968 Eaton B08B 3/12
134/1
- 3,480,258 A * 11/1969 Frank B08B 3/12
366/111
- 3,516,645 A * 6/1970 Franklin B06B 1/0261
310/316.01



(56)

References Cited

U.S. PATENT DOCUMENTS

D315,815 S *	3/1991	Miller	.....	D32/1	2002/0195120 A1*	12/2002	Pfeifer	.....	G01H 3/10 134/1
D321,564 S *	11/1991	Miller	.....	D24/217	2004/0099294 A1*	5/2004	Gross	.....	G21F 9/28 134/169 R
5,109,174 A *	4/1992	Shewell	.....	B06B 1/0276 310/316.01	2004/0250844 A1*	12/2004	Kumazaki	.....	A47L 13/00 134/201
6,259,653 B1 *	7/2001	Courson	.....	B63B 59/08 114/222	2005/0077190 A1*	4/2005	Djordjevic	.....	B08B 3/12 205/705
6,564,711 B1 *	5/2003	Meyer	.....	G03G 21/0029 101/423	2005/0120756 A1*	6/2005	Mah	.....	A47L 13/10 68/3 SS
6,644,327 B1 *	11/2003	Mitsumori	.....	B08B 3/12 134/1	2007/0267039 A1*	11/2007	Sullivan	.....	B08B 3/12 134/1
D593,262 S *	5/2009	Gong	.....	D24/217	2009/0308416 A1*	12/2009	Utz	.....	B08B 3/12 134/115 R
D631,620 S *	1/2011	Choi	.....	D32/1	2015/0174621 A1*	6/2015	Zhao	.....	B05B 15/025 118/302
D633,260 S *	2/2011	Choi	.....	D32/1	2015/0335410 A1*	11/2015	Zhao	.....	A61C 17/20 433/86
D633,663 S *	3/2011	Choi	.....	D32/1	2016/0146721 A1*	5/2016	Ji	.....	G01N 21/15 134/1
D685,540 S *	7/2013	Yao	.....	D32/1	2017/0036251 A1*	2/2017	Sato	.....	B08B 3/12
D748,872 S *	2/2016	Yao	.....	D32/1					
D778,004 S *	1/2017	Yao	.....	D32/1					
D778,005 S *	1/2017	Yao	.....	D32/1					
D781,509 S *	3/2017	Yao	.....	D32/1					

* cited by examiner

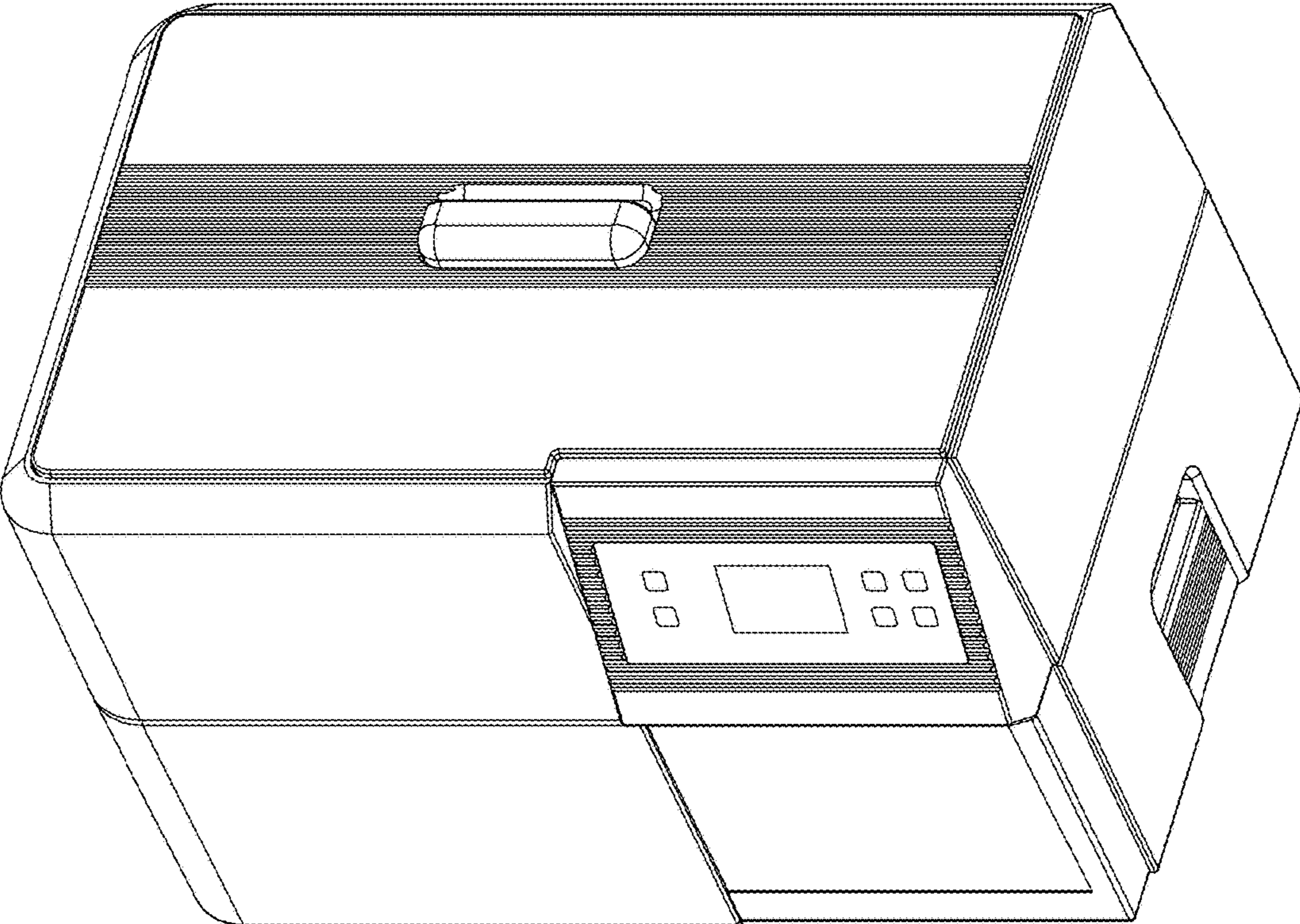


FIG. 1

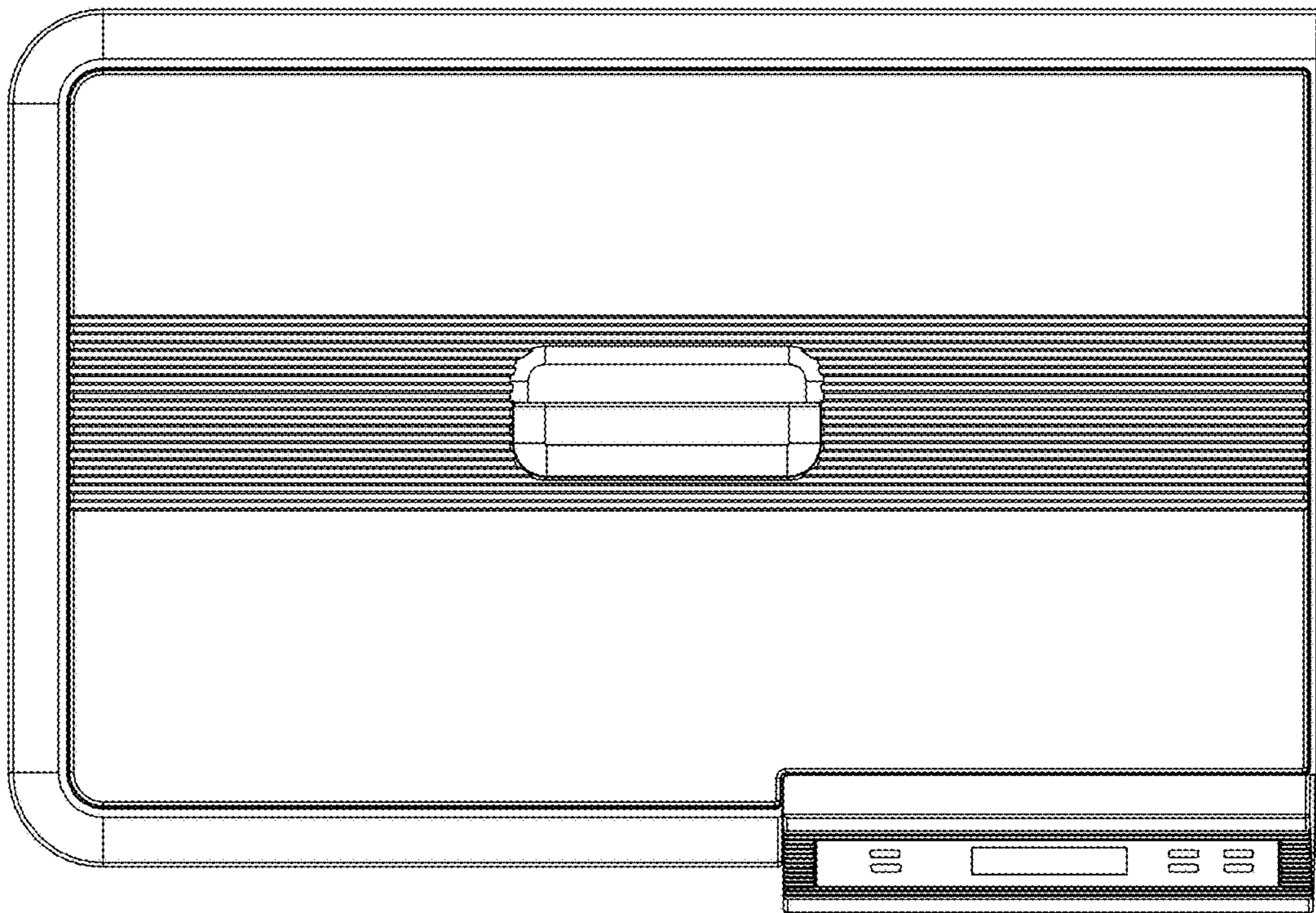


FIG. 2

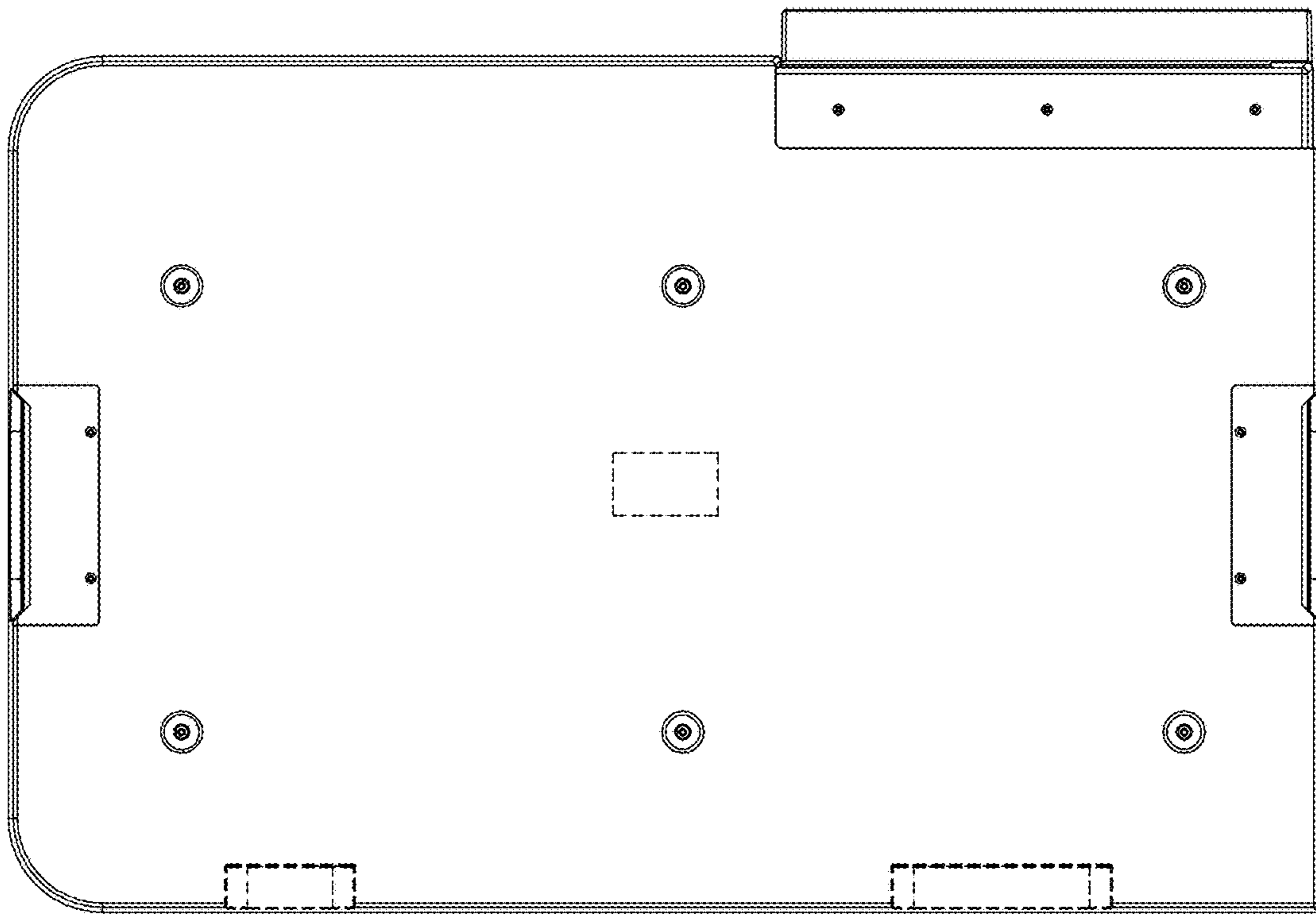


FIG. 3

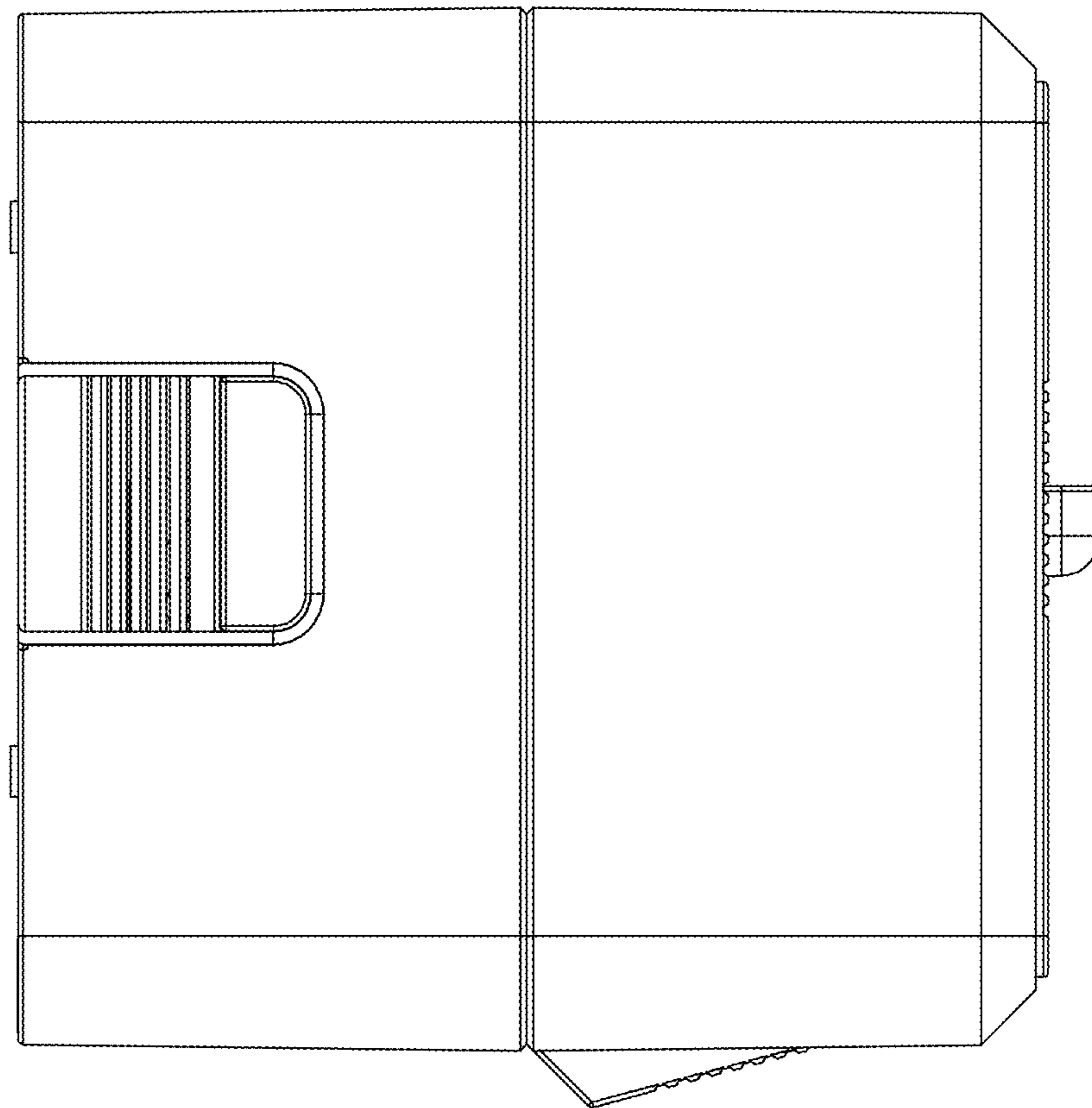


FIG. 4

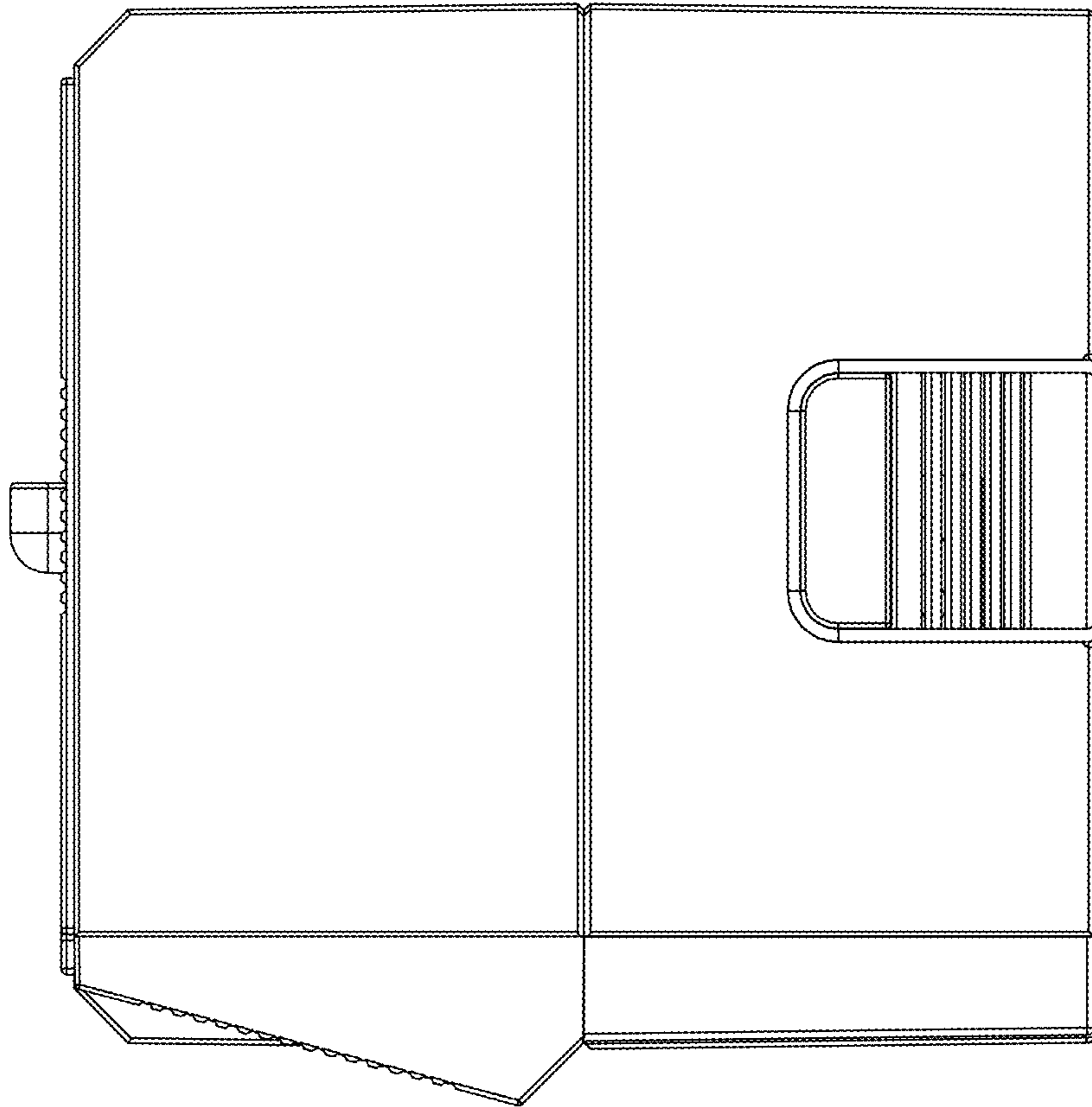


FIG. 5

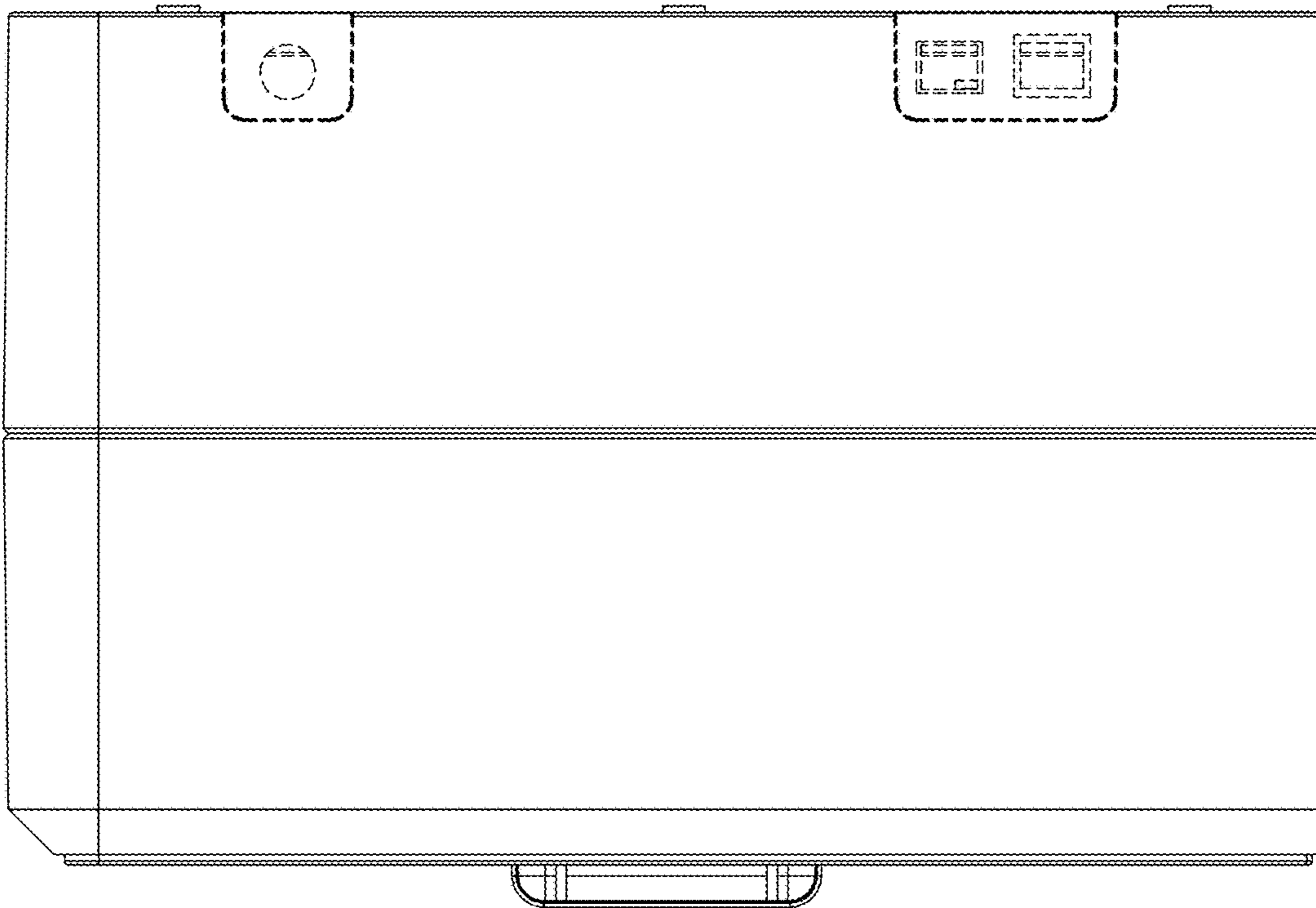


FIG. 6

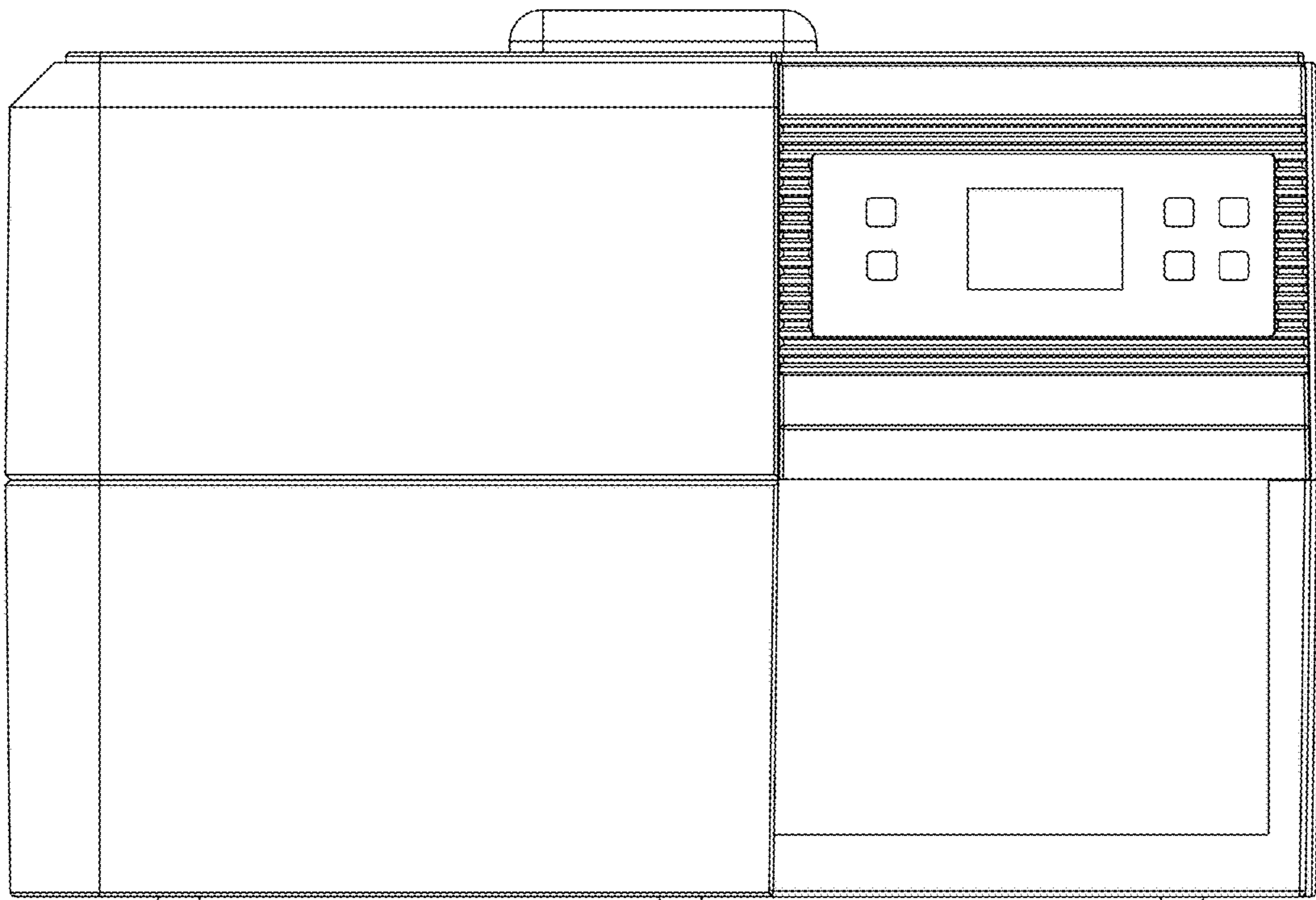


FIG. 7