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(12)

United States Design Patent

Barlettano

(10)

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(54) PERSONAL AIR COOLER

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(73) Assignee: ONTEL PRODUCTS CORPORATION, Fairfield, NJ (US)

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(58) Field of Classification Search

USPC D14/188, 204, 348, 358; D23/324, 325, D23/332-343, 351-354, 355-367, 393

CPC A61L 9/00; A61L 9/03; A61L 9/032; A61L 9/035; A61L 9/04; A61L 9/05; A61L 9/12; A61L 9/14; A61L 9/20; A61L 9/22; A61L 9/012; A61L 9/015; A61L 9/048; A61L 9/122; A61L 9/127; A61L 9/205; A61L 2209/11; A61L 2209/14; A61L 2209/133; A61L 2209/134; F24F 1/02; F24F 1/04; F24F 1/38; F24F 1/027; F24F 1/0007; F24F 1/0071; F24F 1/008; F24F 1/0083; F24F 1/0087; F24F 1/0328; F24F 1/0355; F24F 5/00; F24F 5/0035; F24F 6/00; F24F 6/02; F24F 13/16; F24F 13/20; F24F 13/082; F24F 13/084; F24F 8/00; F24F 8/30; F24F 8/40; F24F 8/50; F24F 8/183; Y10S 261/03; Y10S 261/04; Y10S 261/17; Y10S 261/31;

(Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

2,166,401 A 7/1939 Frank

RE31,675 E 9/1984 Vesper

4,860,556 A 8/1989 Hammett

(Continued)

FOREIGN PATENT DOCUMENTS

CA	2624807 A1	9/2009
CN	201434460 Y	3/2010

(Continued)

OTHER PUBLICATIONS

United Kingdom Search and Examination Report for GB Application No. 2214610.4, dated Feb. 14, 2023, 8 pages.

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(57)

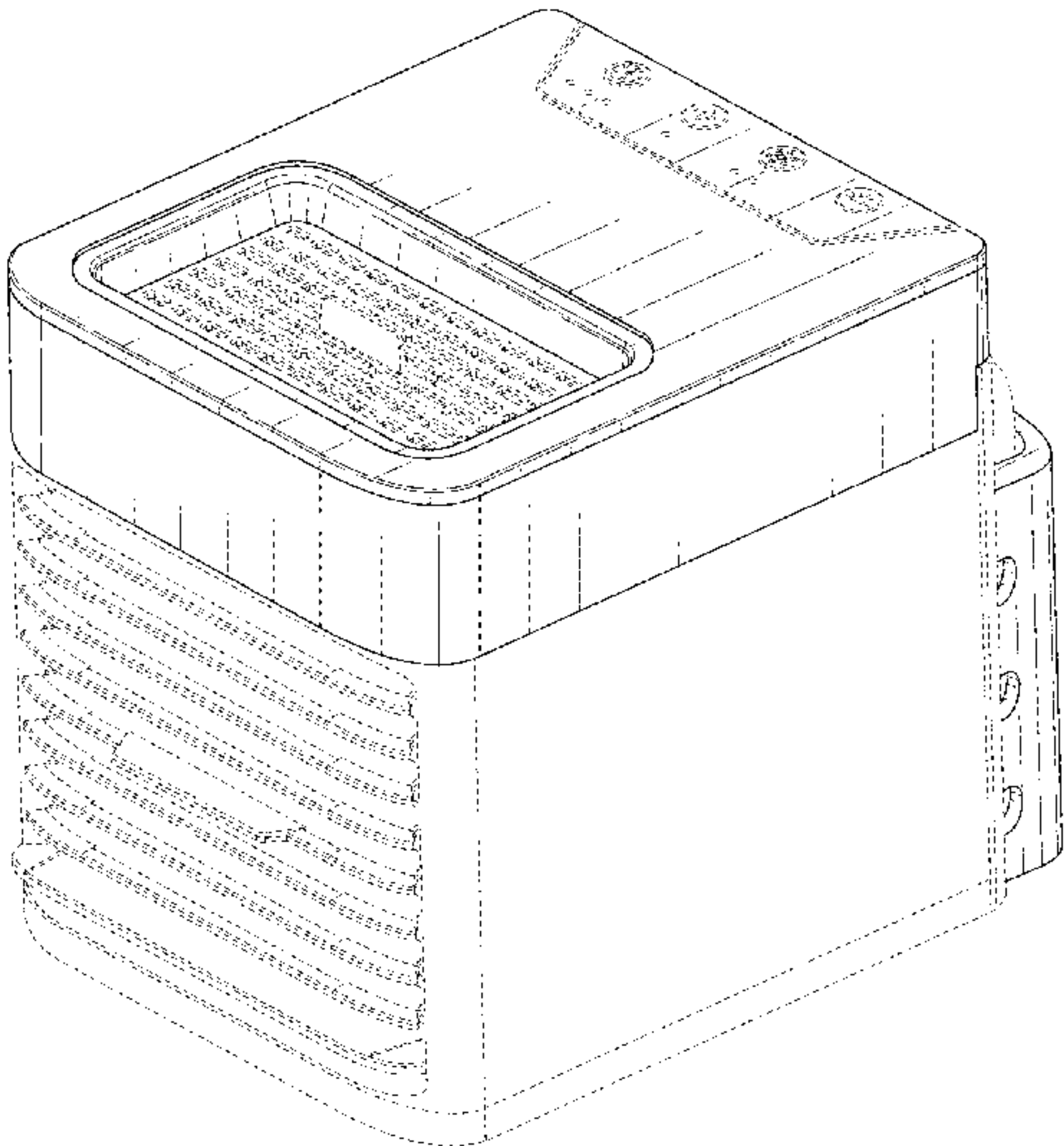
CLAIM

I claim the ornamental design for a personal air cooler, as shown and described.

DESCRIPTION

FIG. 1 is a top-front perspective view of a personal air cooler;
FIG. 2 is a top-back perspective view of the personal air cooler of FIG. 1;
FIG. 3 is a front view of the personal air cooler of FIG. 1;
FIG. 4 is a rear view of the personal air cooler of FIG. 1;
FIG. 5 is a left side view of the personal air cooler of FIG. 1;
FIG. 6 is a right side view of the personal air cooler of FIG. 1;
FIG. 7 is a top view of the personal air cooler of FIG. 1; and,
FIG. 8 is a bottom view of the personal air cooler of FIG. 1.
The broken lines in the drawings illustrate portions of the personal air cooler that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(58) Field of Classification Search

CPC ... Y10S 261/42; Y10S 261/43; Y10S 261/65;
Y10S 261/88; Y10S 261/89

See application file for complete search history.

2020/0326081	A1 *	10/2020	Barlettano		F24F 1/38
2022/0268459	A1 *	8/2022	Barlettano		F24F 13/20
2022/0299216	A1 *	9/2022	Barlettano		F24F 5/0035

FOREIGN PATENT DOCUMENTS

(56) References Cited

U.S. PATENT DOCUMENTS

4,968,457	A	11/1990	Welch	
5,003,789	A	4/1991	Gaona et al.	
5,162,088	A	11/1992	Peng et al.	
5,860,293	A	1/1999	Piro	
6,598,414	B1	7/2003	Cline	
6,955,696	B1	10/2005	Ost	
8,016,270	B2	9/2011	Chen et al.	
D724,716	S	3/2015	Guo	
10,113,758	B2	10/2018	Eiserer	
D852,340	S *	6/2019	Barlettano	 F24F 1/02
				D23/333
D896,936	S *	9/2020	Ou	 D23/333
11,047,585	B2	6/2021	Petersen et al.	
D963,135	S *	9/2022	Barlettano	 D23/333
D966,475	S *	10/2022	Barlettano	 D23/333
D967,363	S *	10/2022	Barlettano	 D23/333
D978,308	S *	2/2023	Barlettano	 D23/333
2008/0006953	A1	1/2008	Won	
2013/0008195	A1	1/2013	Taljaard	
2015/0247644	A1	9/2015	Stearns	
2016/0327289	A1	11/2016	Mothfar	
2019/0323776	A1	10/2019	Tapley et al.	
2020/0217527	A1 *	7/2020	Barlettano	 F24F 5/0035
2020/0300531	A1 *	9/2020	Barlettano	 F24F 13/16

CN	305218131	S	6/2019
CN	209279327	U	8/2019
CN	305292866	S	8/2019
CN	305382546	S	10/2019
CN	305448417	S	11/2019
CN	210425370	U	4/2020
CN	306072989	S	9/2020
CN	306107691	S	10/2020
CN	306316183	S	2/2021
CN	306414462	S	3/2021
CN	306916981	S	11/2021
CN	307246435	S	4/2022
CN	307246436	S	4/2022
CN	216667877	U	6/2022
CN	216844922	U	6/2022
CN	216976984	U	7/2022
CN	217274586	U	8/2022
GB	2591149	A	7/2021
JP	H03105127	A	5/1991
JP	D1671987	S	10/2020
JP	D1712333	S	4/2022
KR	20030097047	A	12/2003
KR	200433448	Y1	12/2006
KR	200433450	Y1	12/2006
KR	100733870	B1	7/2007
WO	03074945	A	9/2003
WO	03074945	A1	9/2003
WO	2021076741	A1	4/2021

* cited by examiner

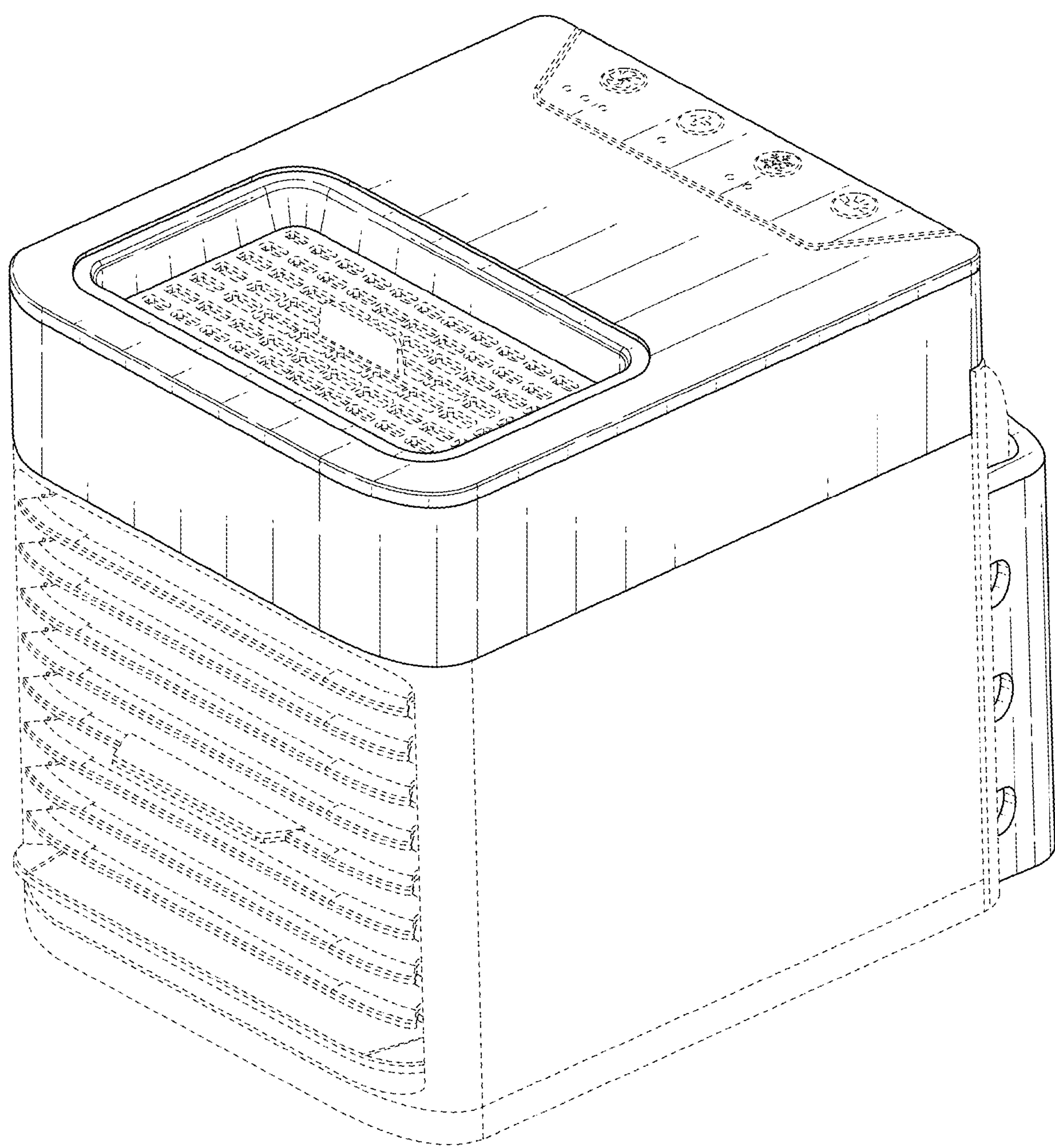


FIG. 1

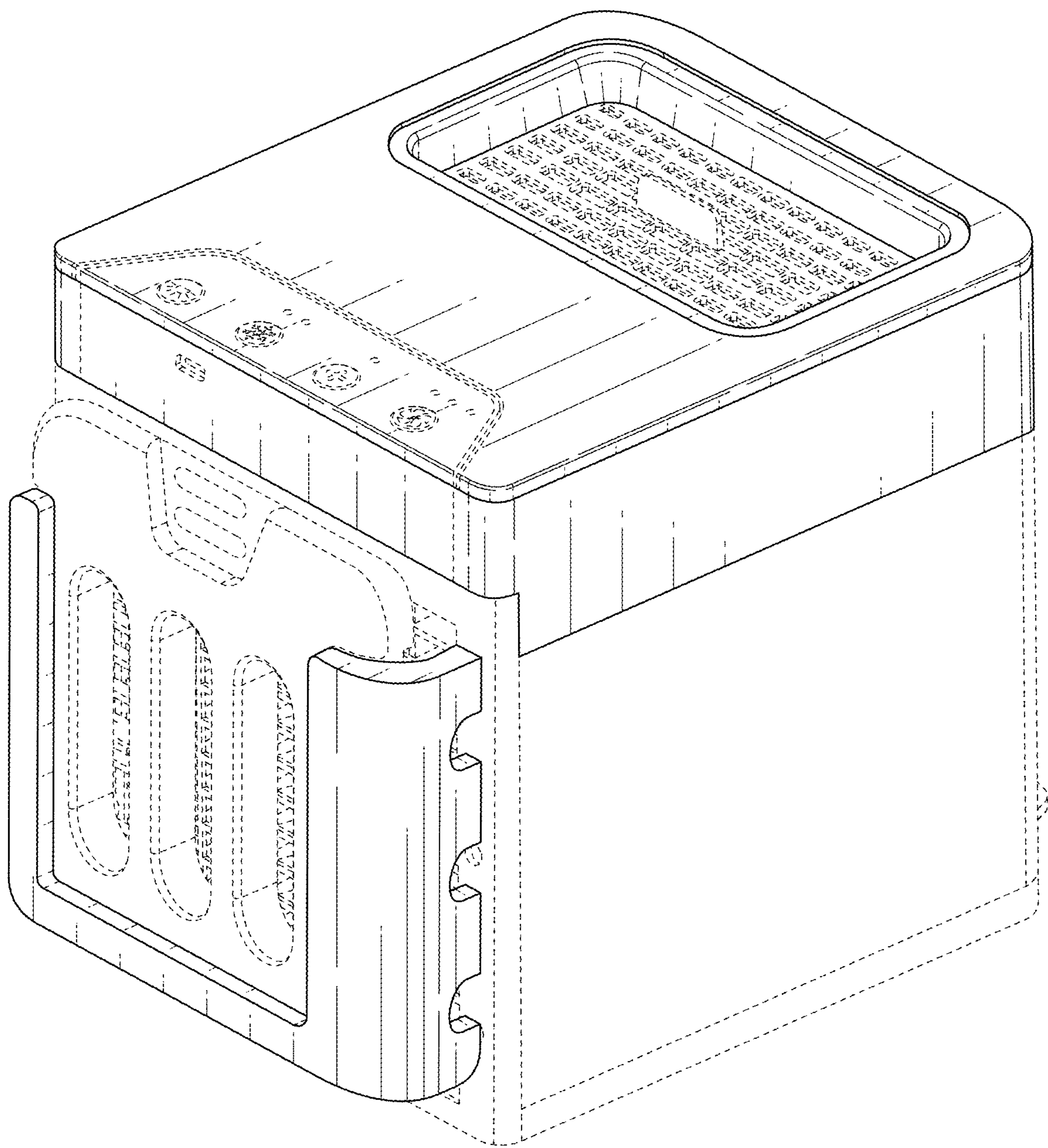


FIG. 2

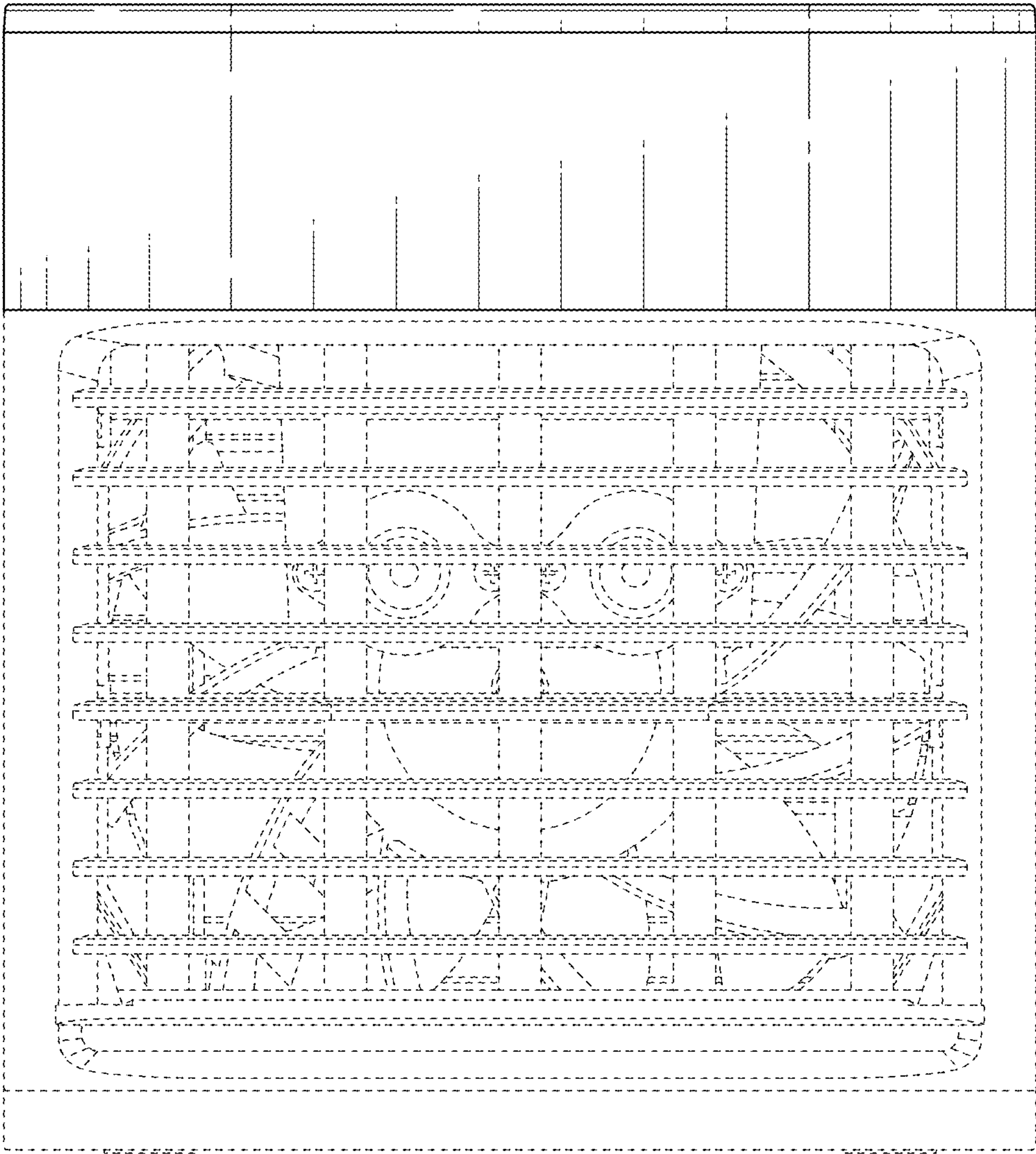


FIG. 3

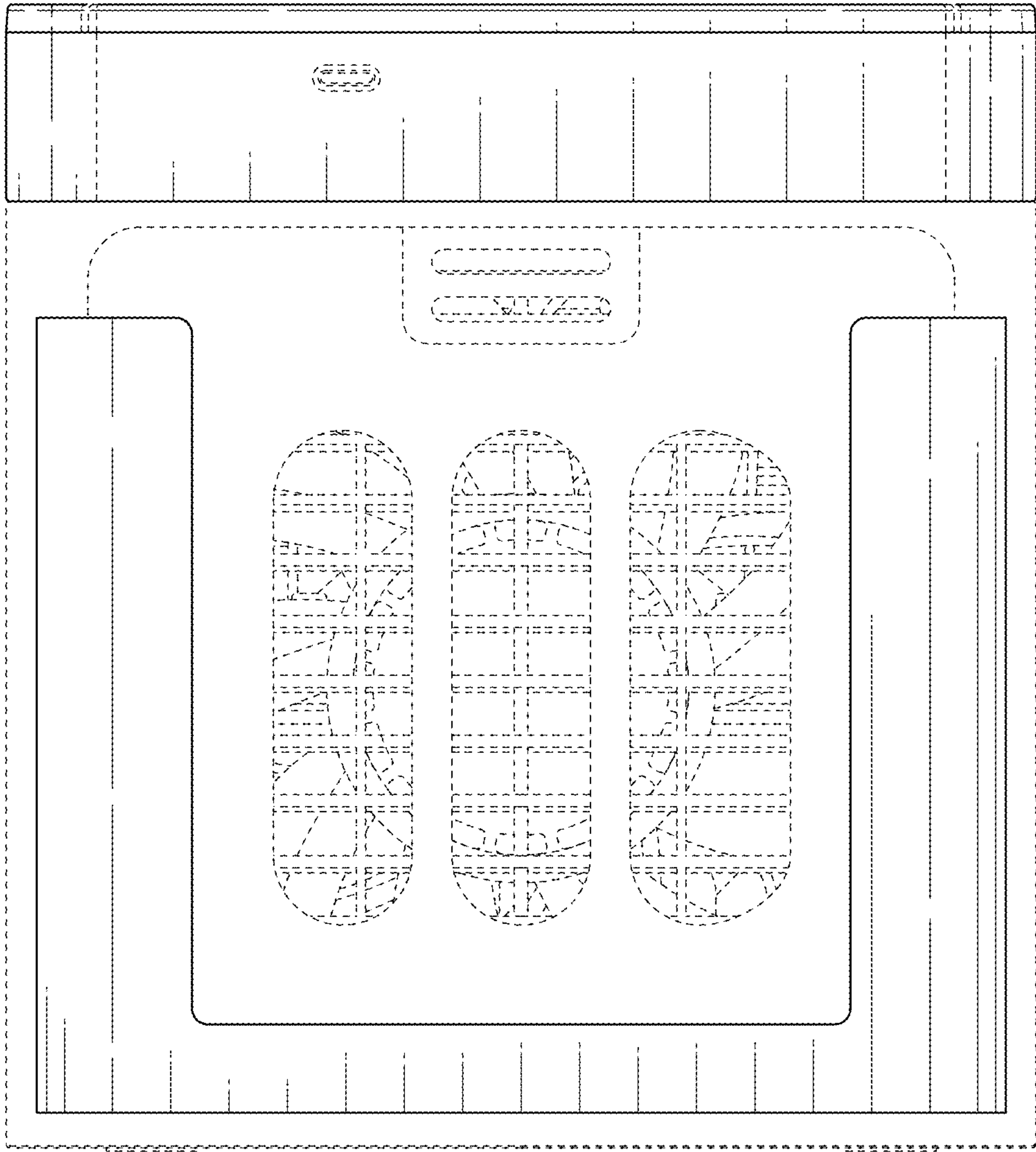


FIG. 4

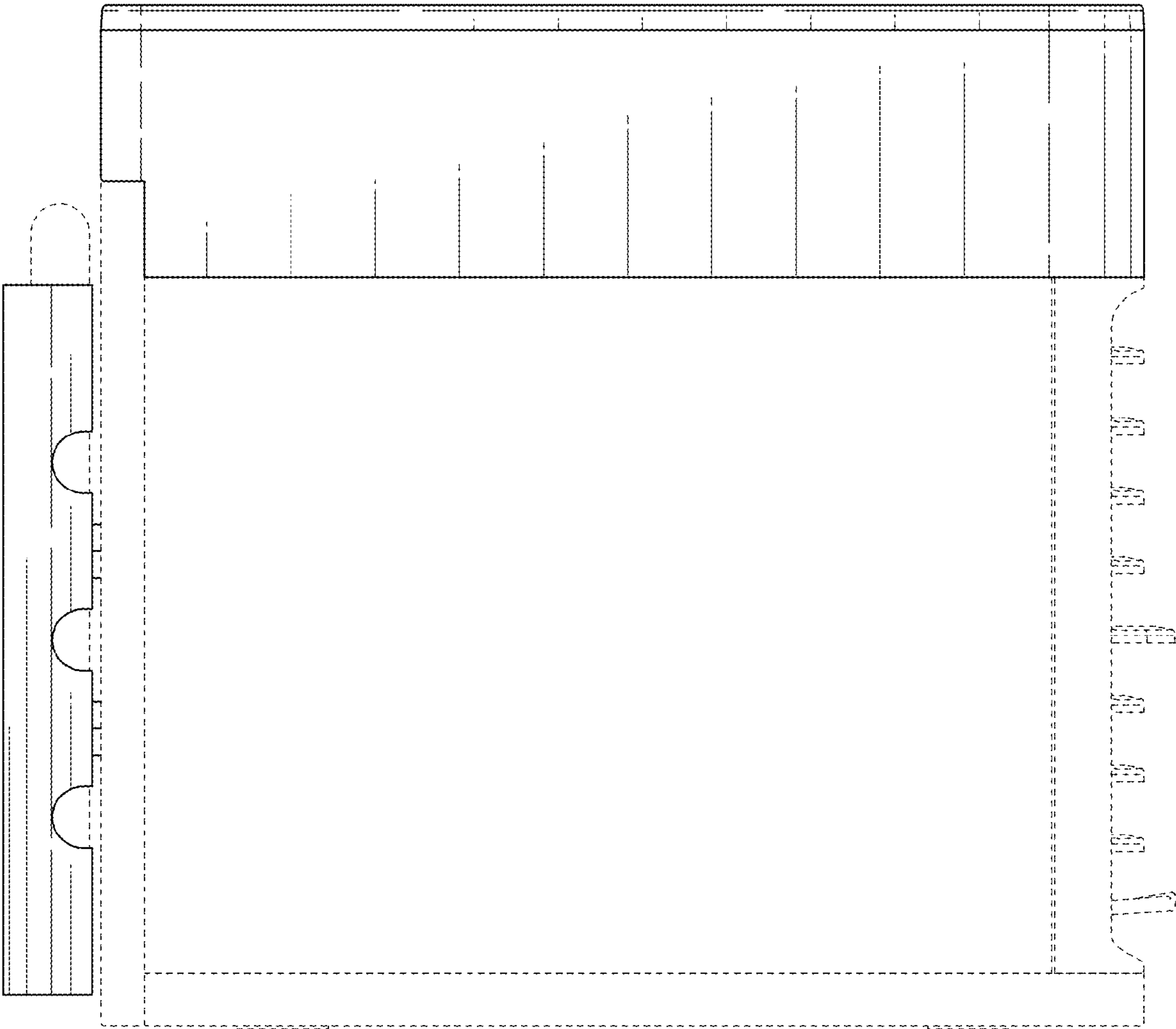


FIG. 5

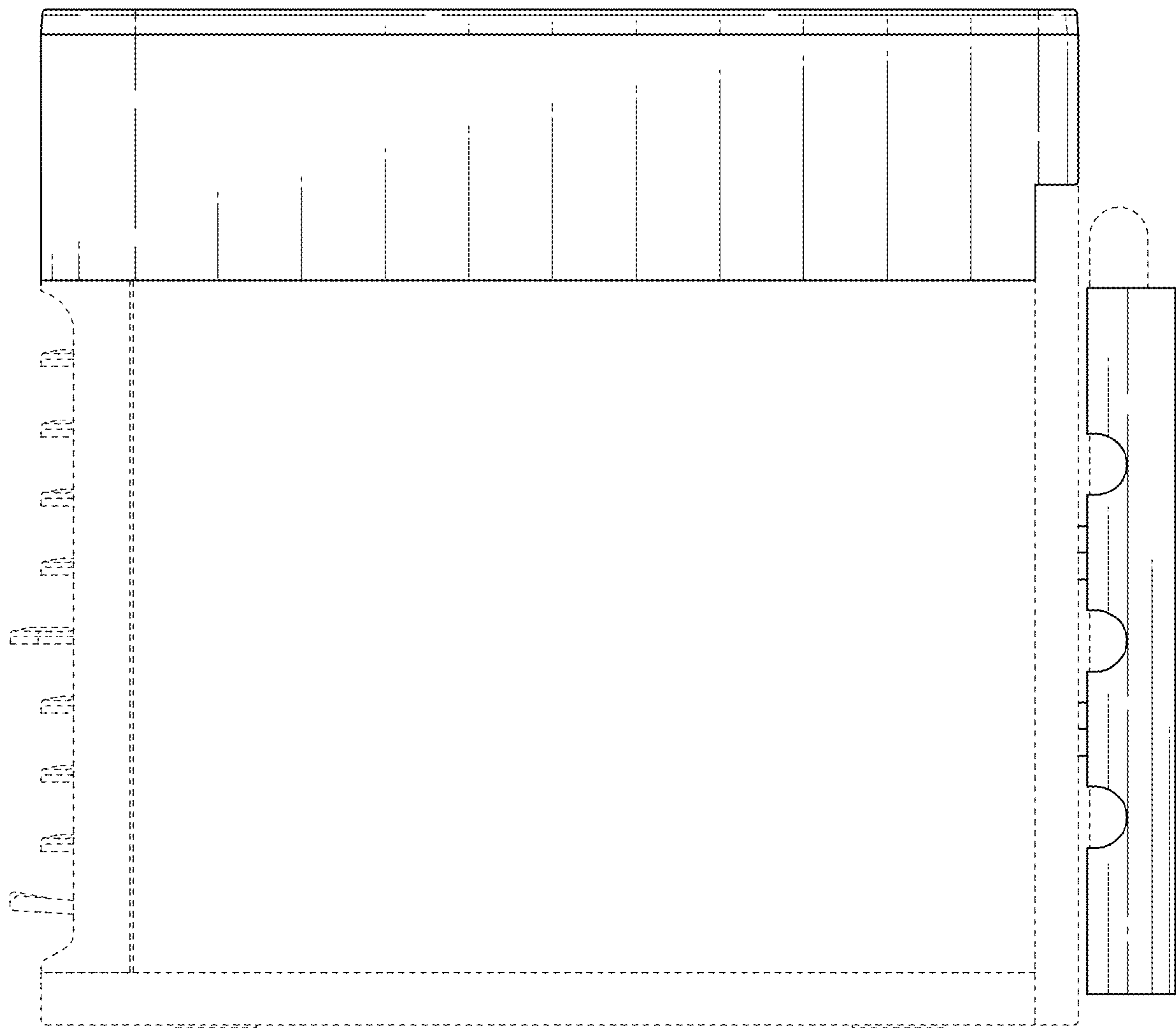


FIG. 6

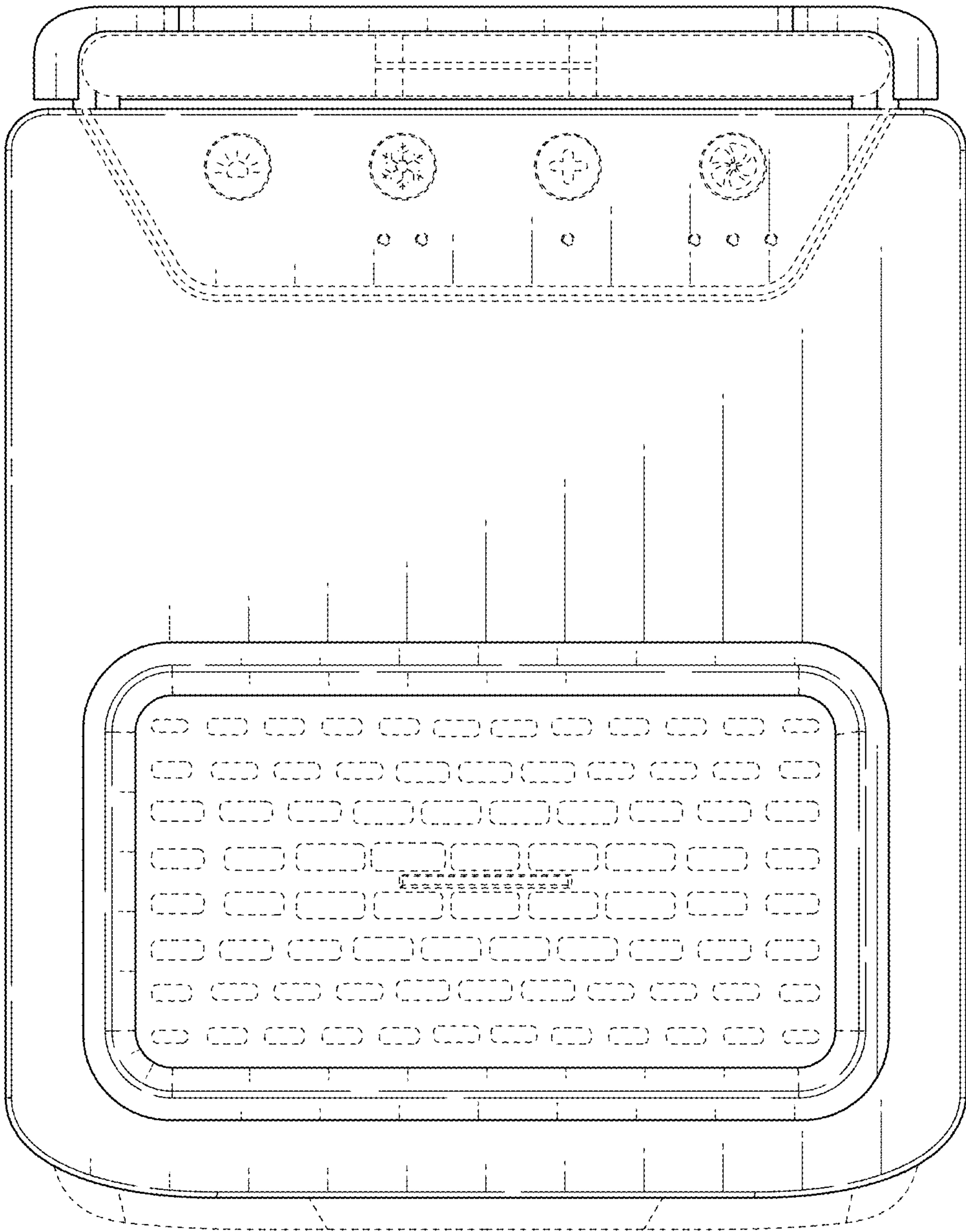


FIG. 7

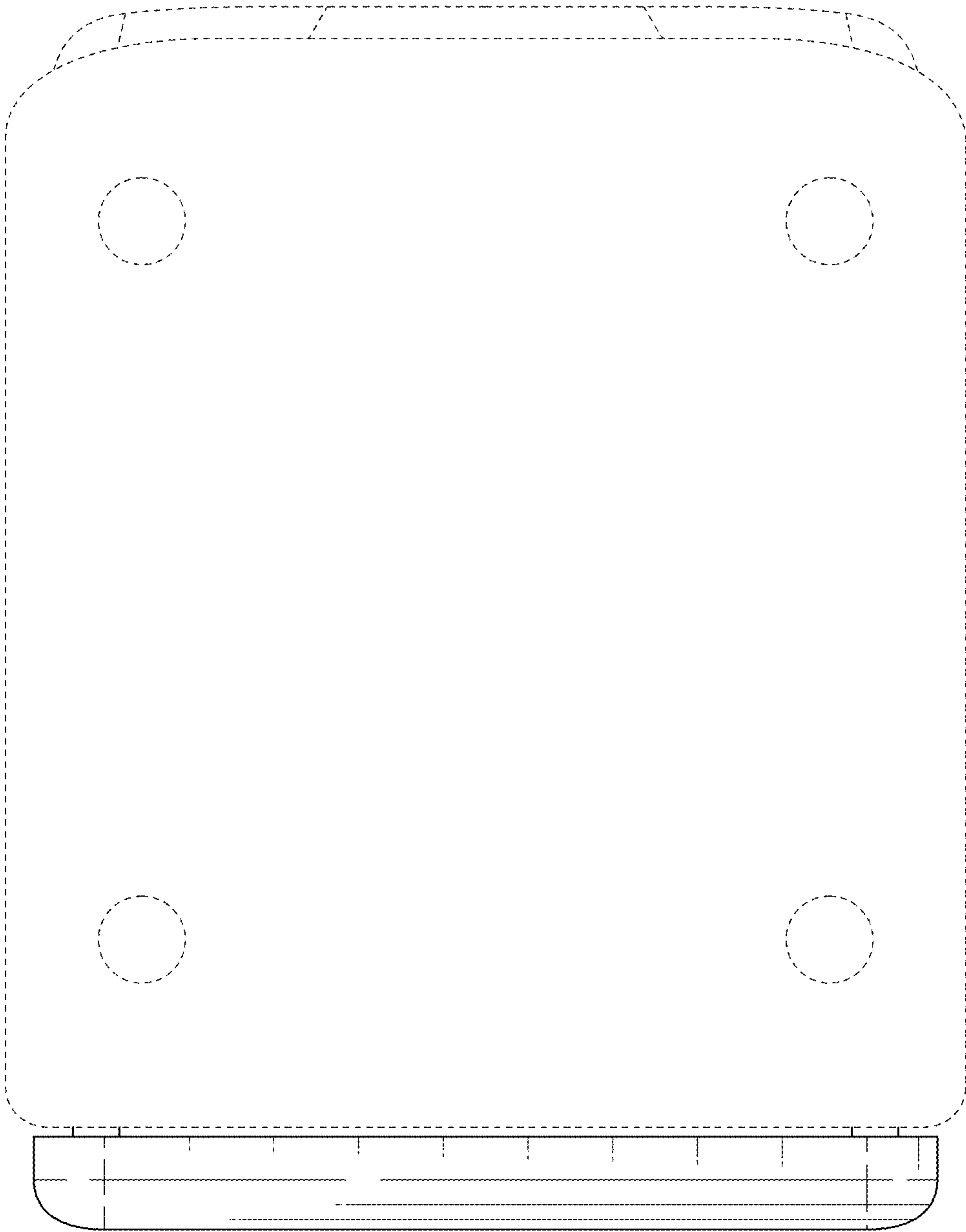


FIG. 8