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

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(54) **HEATING DEVICE**

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(73) Assignee: **Robert Bosch GmbH**, Stuttgart (DE)

(**) Term: **14 Years**

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(51) **LOC (10) Cl.** **23-03**

(52) **U.S. Cl.**
USPC **D23/318**

(58) **Field of Classification Search**

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D23/355, 356, 358, 359, 364, 386, 387, 388,
D23/389, 390, 391, 315, 316, 317, 318, 319,
D23/320, 321, 322, 323, 324, 328, 330, 331,
D23/332, 336, 337, 338, 339, 340, 341, 343,
D23/344, 345, 346, 347, 348, 349, 350, 351,
D23/352, 357, 361; D14/214, 225, 235,
D14/237, 240, 241, 255, 356, 362;
D13/184; 392/449, 465, 485, 494
CPC F24C 7/10; F24H 9/2071; F24H 9/2064;
F24H 1/06; F24H 3/0417; F24H 3/0411;
F24H 9/2028; F24H 9/02; F24H 9/128;
F24H 9/2021; F24H 9/2007; F24H 9/0005;
F24H 1/08; F24H 7/00; F24H 4/00; F24H
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17/04; H05B 3/78

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D249,684 S * 9/1978 Rams D14/214
D358,153 S * 5/1995 Jackson D13/162

D397,115 S * 8/1998 Gremchuck D14/214
6,389,226 B1 * 5/2002 Neale F24H 1/102
392/485
D496,924 S * 10/2004 Salyer D14/214
7,046,922 B1 * 5/2006 Sturm F24H 9/2028
392/465
D619,236 S * 7/2010 Schlag D23/351
D621,019 S * 8/2010 Kim D23/356
D621,490 S * 8/2010 Schmidt D23/319
D628,979 S * 12/2010 Yagi D14/214
D644,627 S * 9/2011 Garrett D14/214

(Continued)

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(57) **CLAIM**

The ornamental design for a heating device, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a heating device showing our new design;

FIG. 2 is a front elevational view showing the design for the heating device of FIG. 1;

FIG. 3 is a rear elevational view showing the design for the heating device of FIG. 1;

FIG. 4 is a left side elevational view showing the design for the heating device of FIG. 1;

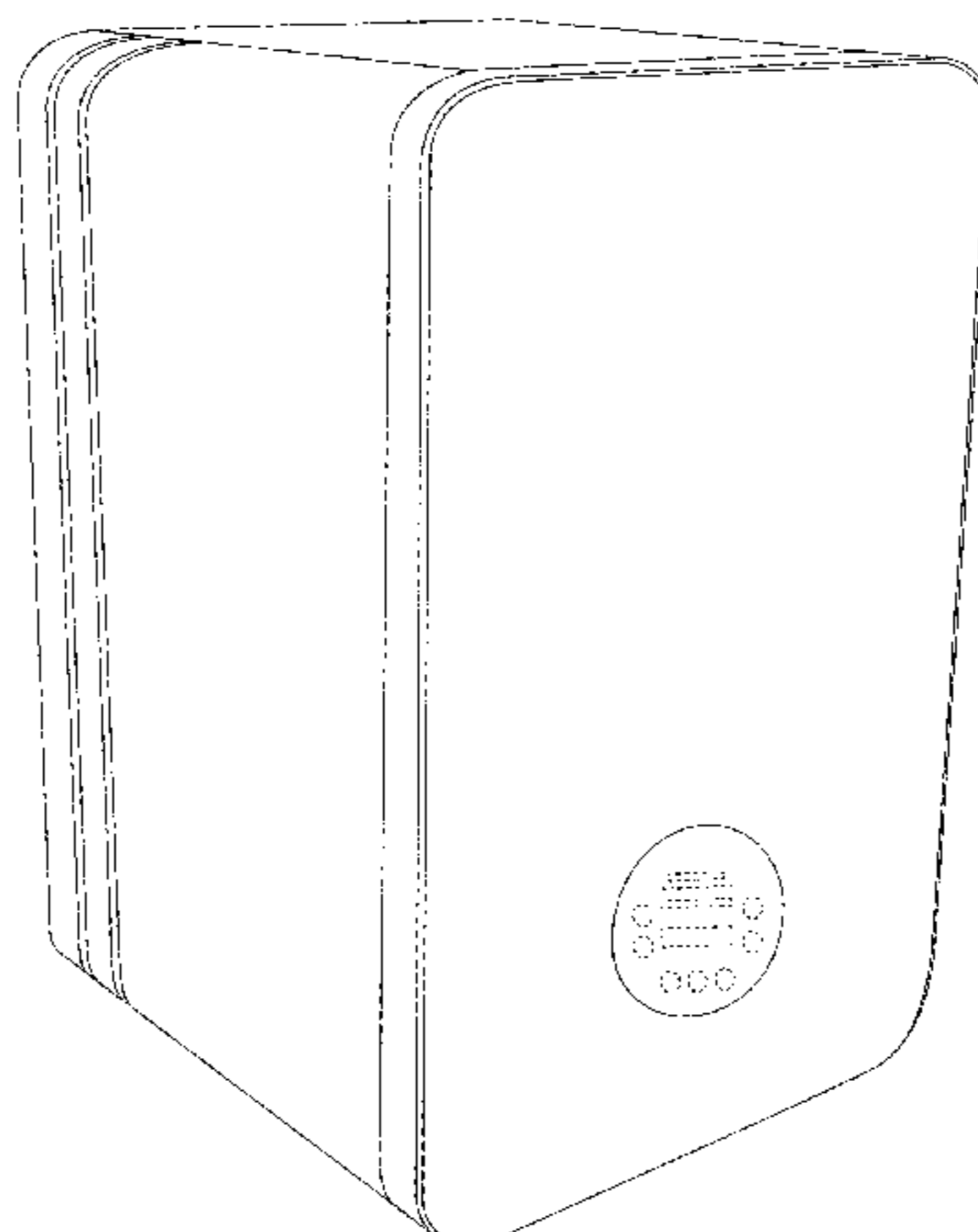
FIG. 5 is a right side elevational view showing the design for the heating device of FIG. 1;

FIG. 6 is a top plan view showing the design for the heating device of FIG. 1; and,

FIG. 7 is a bottom plan view showing the design for the heating device of FIG. 1.

The broken lines shown in the drawings illustrate portions of the heating device that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,297,525	B1 *	10/2012	Bolivar	.....	H05B 3/78 236/20 R
8,418,832	B1 *	4/2013	Albertson	.....	F24H 3/081 198/370.09
D682,250	S *	5/2013	Mattioli	.....	D14/172
D687,768	S *	8/2013	Minamikawa	.....	D13/107
D714,259	S *	9/2014	Galler	.....	D14/221
D721,350	S *	1/2015	Kim	.....	D14/188
D724,564	S *	3/2015	Davies	.....	D14/215
D729,762	S *	5/2015	Hu	.....	D14/194
D732,005	S *	6/2015	Davies	.....	D14/215
D741,293	S *	10/2015	Baird	.....	D14/214
D745,128	S *	12/2015	Farone	.....	D23/355
9,316,408	B2 *	4/2016	Justus	.....	F24H 1/06
2006/0088302	A1 *	4/2006	Sturm	.....	F24H 9/2028 392/480
2009/0229540	A1 *	9/2009	Chang	.....	F24H 1/0009 122/17.1
2010/0290765	A1 *	11/2010	Lee	.....	F24H 3/0411 392/485
2011/0253068	A1 *	10/2011	Iskrenovic	.....	F24H 1/225 122/4 R
2012/0031387	A1 *	2/2012	Sharpe	.....	F23G 5/50 126/58
2012/0060772	A1 *	3/2012	Roy	.....	F23N 1/002 122/14.2
2012/0079995	A1 *	4/2012	Jacques	.....	F24H 9/148 122/19.2
2012/0275775	A1 *	11/2012	Iskrenovic	.....	F24H 1/142 392/483
2013/0188940	A1 *	7/2013	Hacham-Yona	.....	F24H 9/2021 392/498
2014/0064716	A1 *	3/2014	Cohen	.....	F24H 9/2021 392/441
2015/0147054	A1 *	5/2015	Green	.....	F16K 49/002 392/449
2016/0060873	A1 *	3/2016	Sugatani	.....	E04D 13/178 29/401.1

* cited by examiner

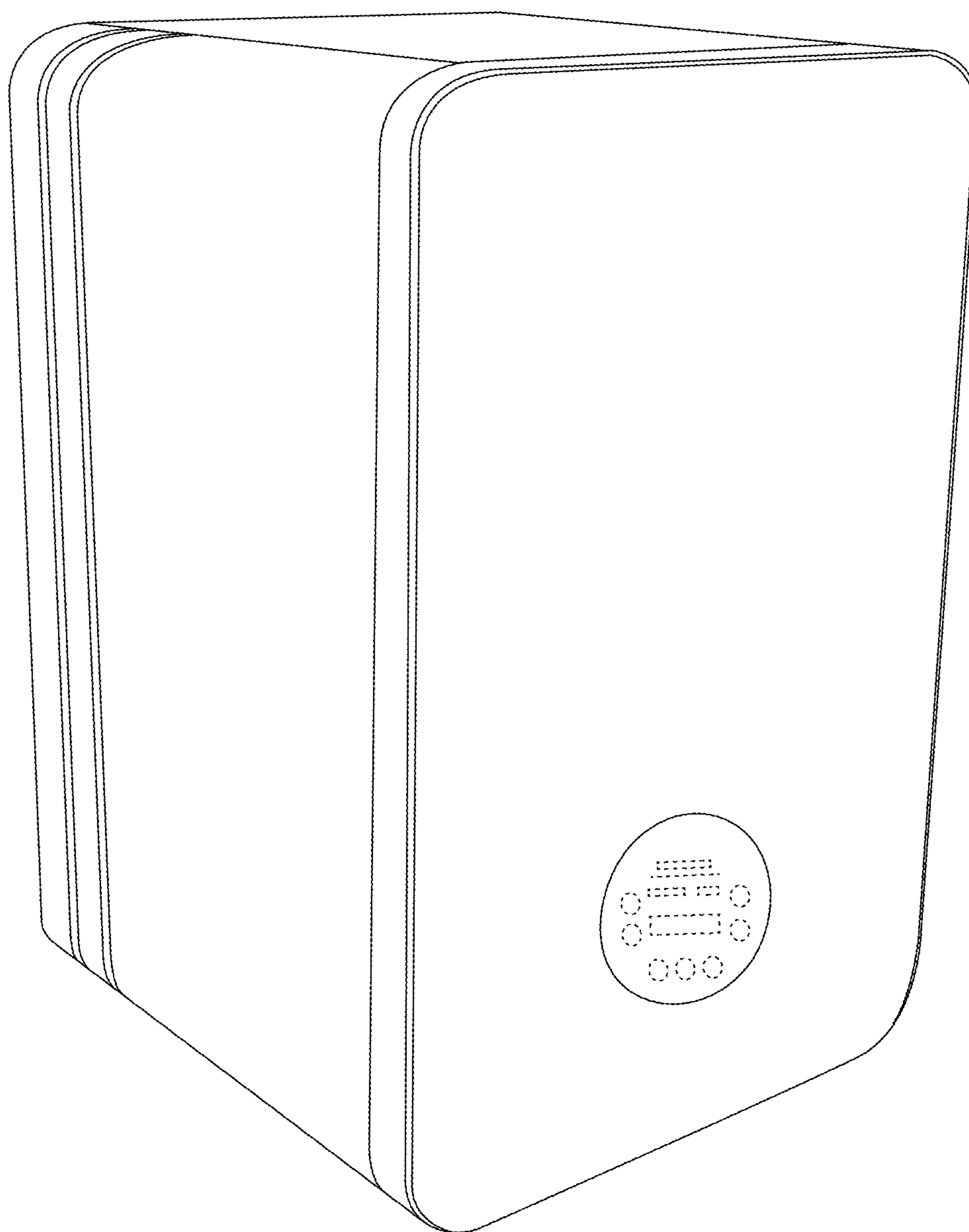


FIG. 1

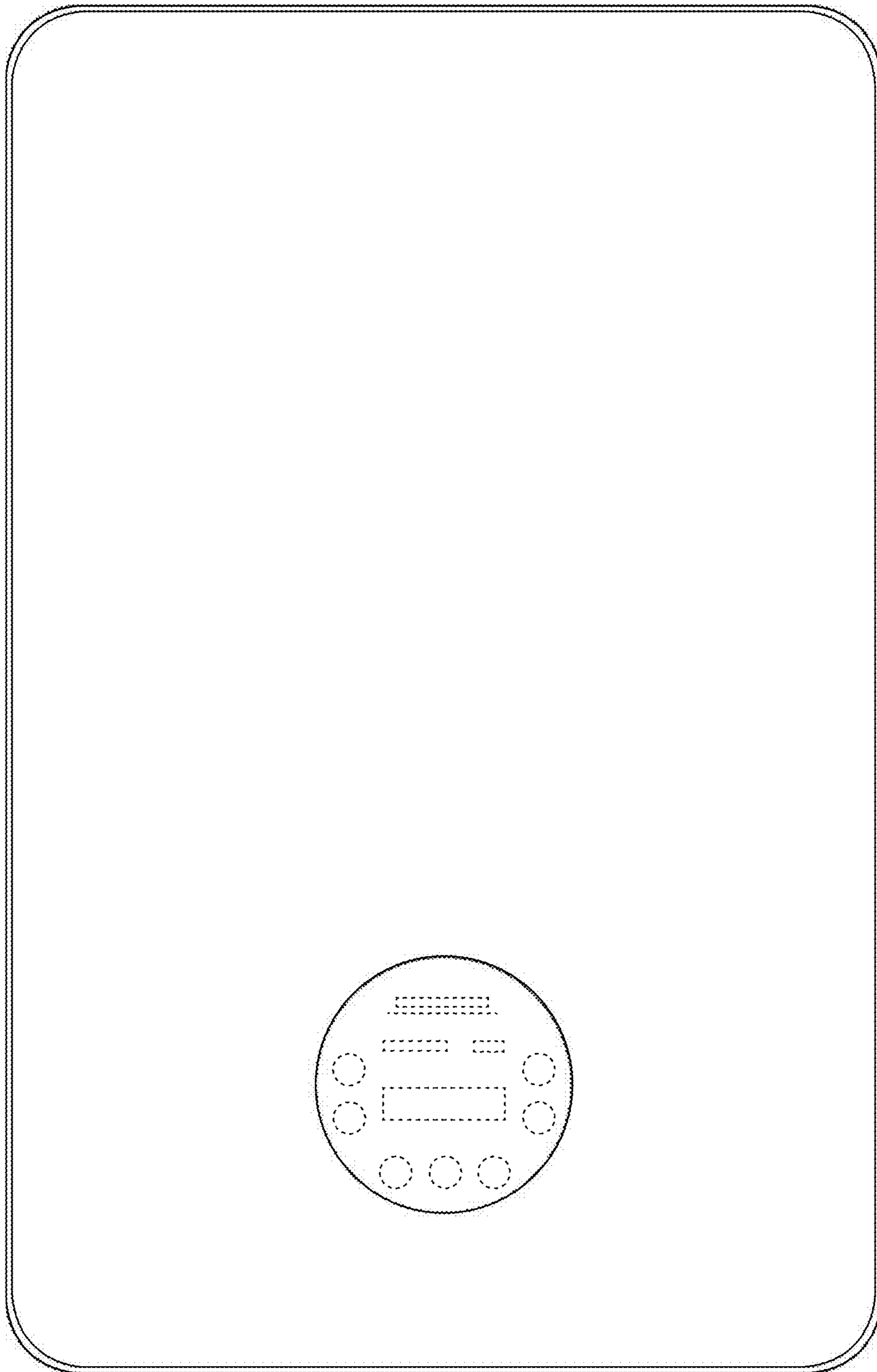


FIG. 2

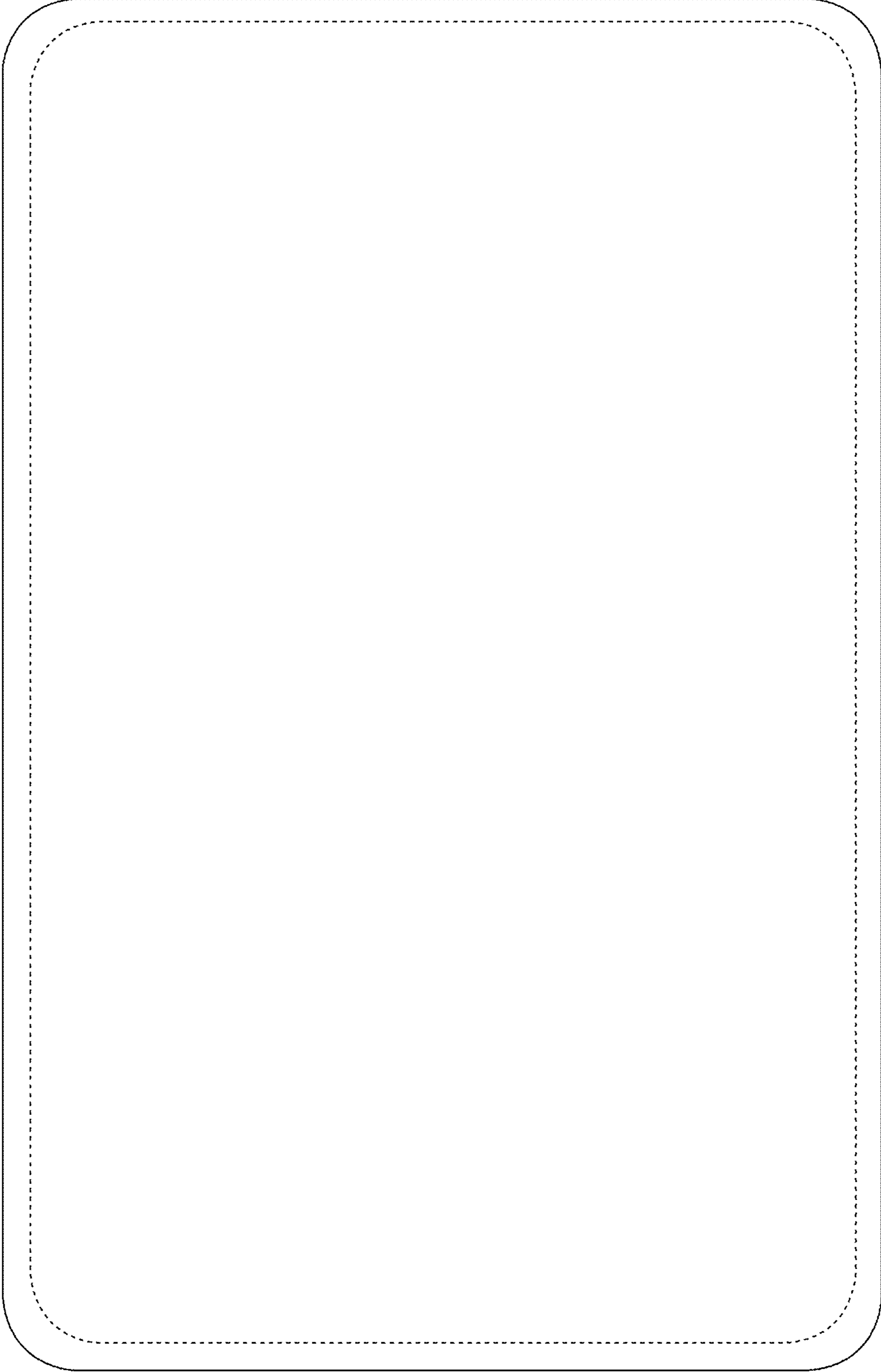


FIG. 3

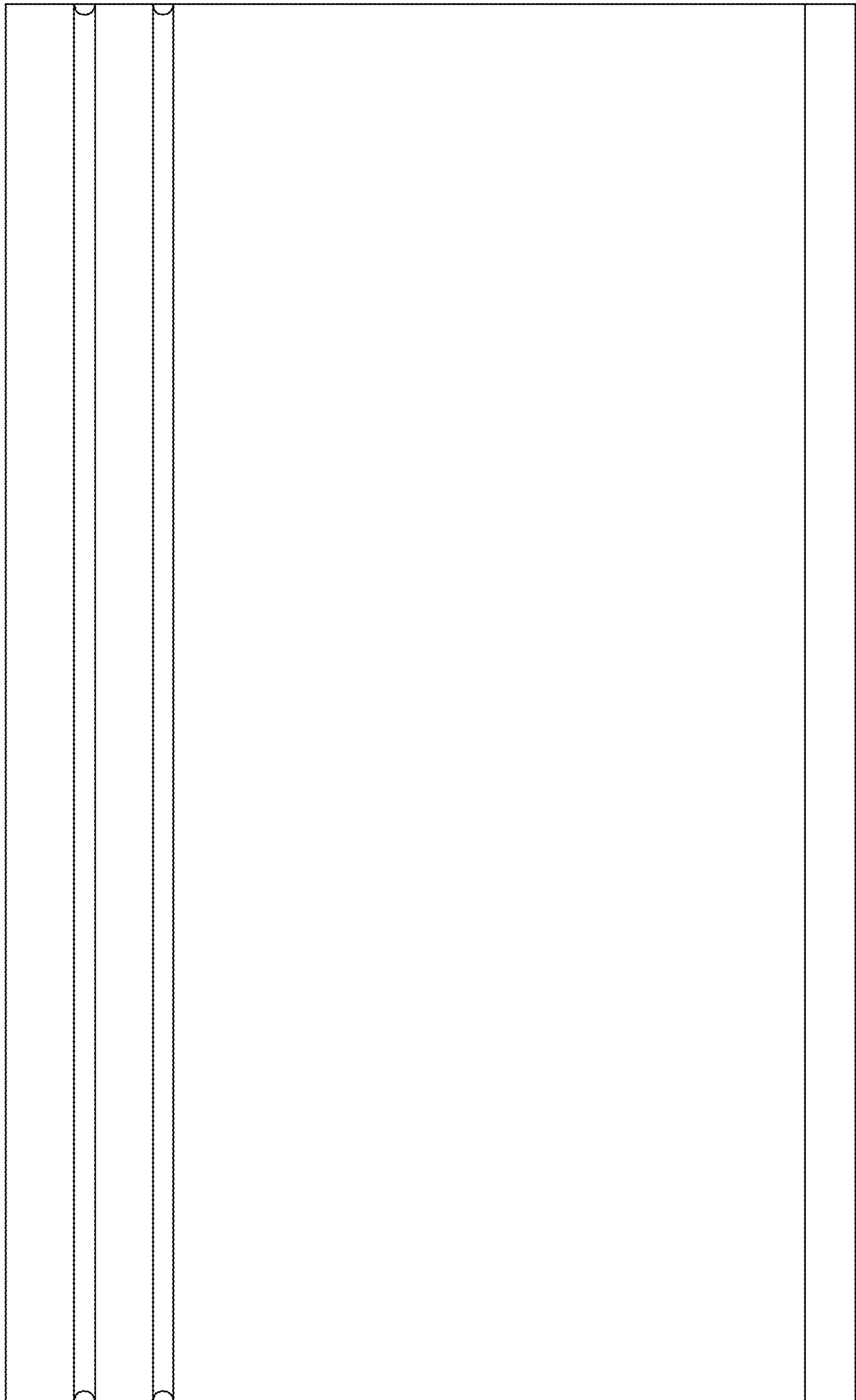


FIG. 4

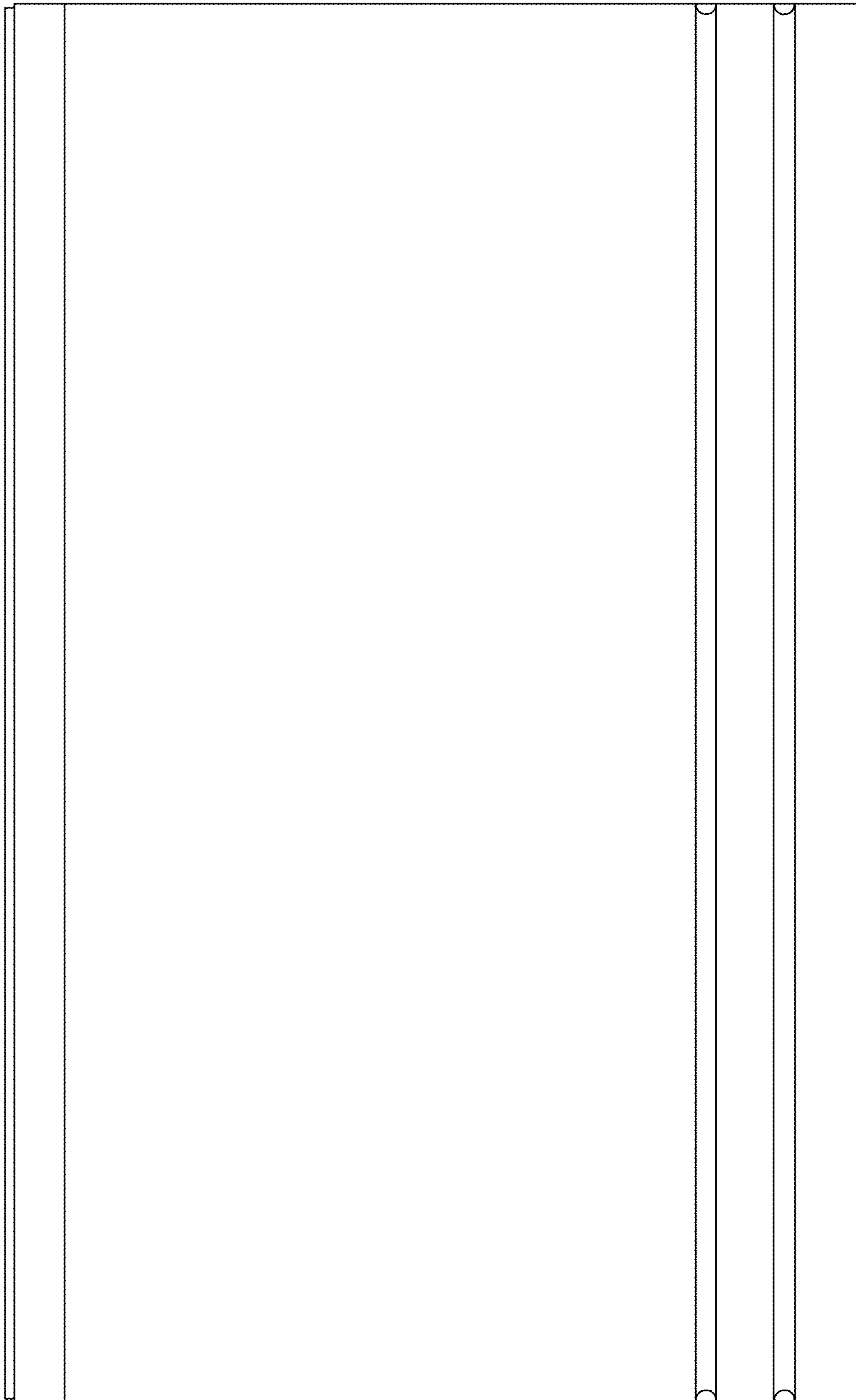


FIG. 5

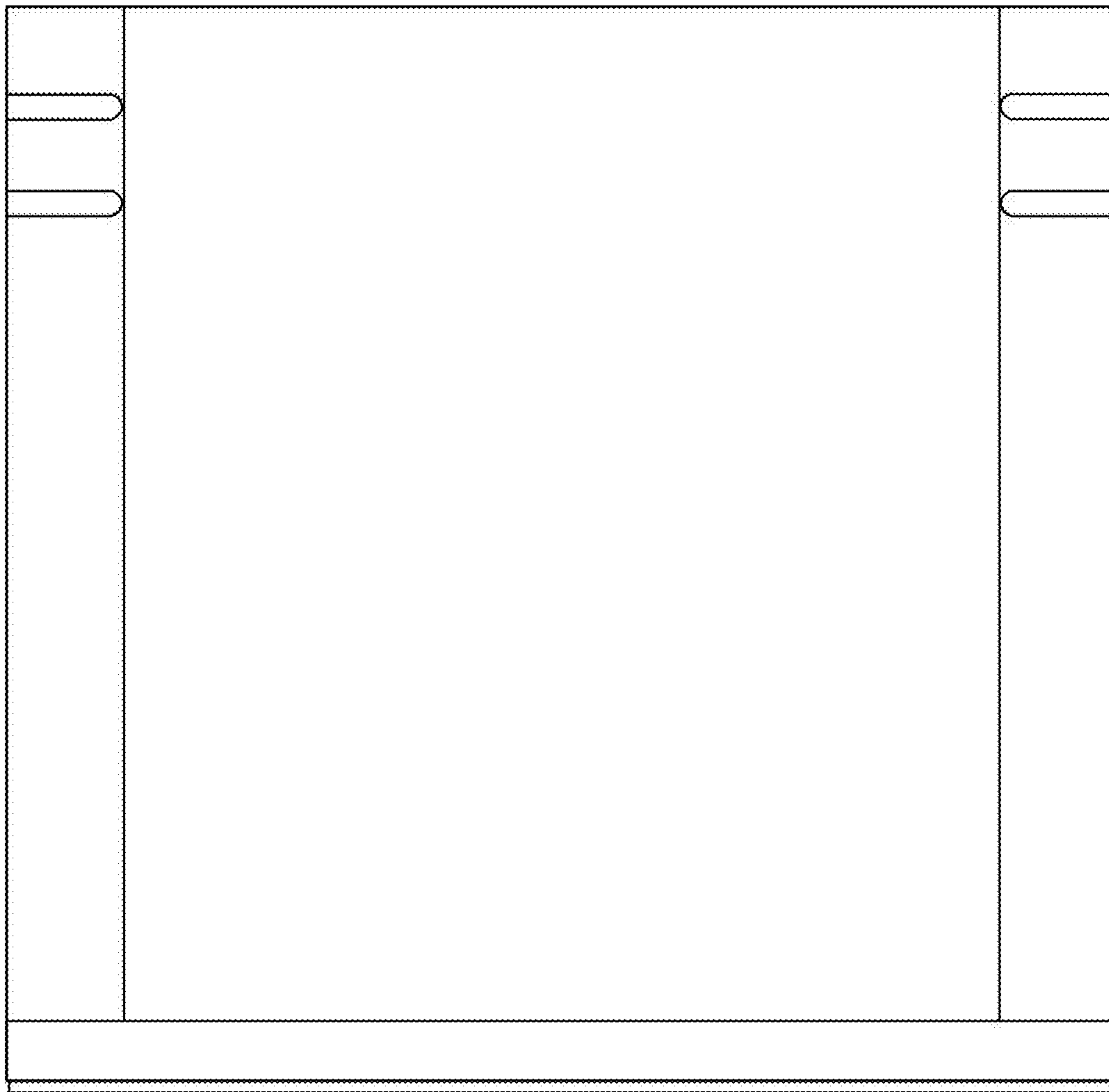


FIG. 6

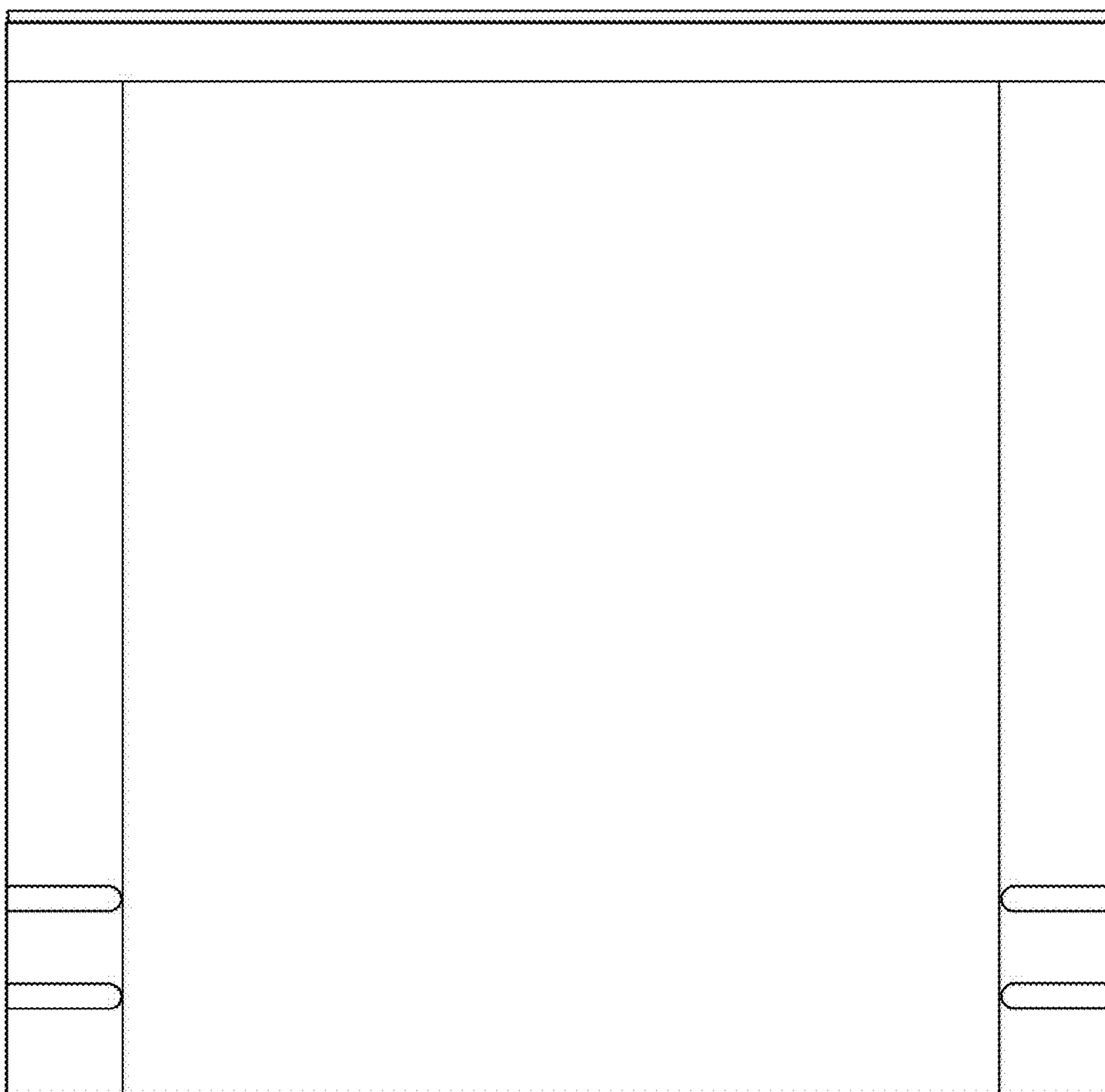


FIG. 7