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

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(54) **HEATER**

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

(21) Appl. No.: **29/548,007**

(22) Filed: **Dec. 9, 2015**

(51) **LOC (10) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/355**

(58) **Field of Classification Search**
USPC D23/314, 317, 330, 332-333, 335-351,
D23/354-356, 370, 376, 378, 381, 382,
D23/386, 411, 412

CPC ... F24H 3/00; F24H 3/02; F24H 3/002; F24H
3/0411; F24H 3/0417; F24H 3/08; F24H
3/081; F24H 3/10; F24H 3/102; F24H
7/00; F24H 7/002; F24H 7/0208; F24H
7/0216; F24H 9/02; F24D 13/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D104,119 S * 4/1937 Schwarz D23/382
D172,720 S * 7/1954 Nordhold et al. D23/338
D179,913 S * 3/1957 McNair D23/333
3,077,531 A * 2/1963 Wompey F24H 3/0411
392/355
D248,043 S * 5/1978 Schade D23/335

D257,059 S * 9/1980 Schade D23/335
D277,130 S * 1/1985 Schade D23/335
D282,101 S * 1/1986 Yuen D23/328
D291,350 S * 8/1987 Sherman D23/335
4,737,616 A * 4/1988 Wen-Ying F24H 3/0417
219/472
D312,302 S * 11/1990 Fan D23/335
D333,866 S * 3/1993 Wang D23/335

(Continued)

OTHER PUBLICATIONS

12inchSubwoofers.info, Atrend E10Sv B Box Series 10-inch single
vented subwoofer enclosure, May 2012, Product review, [online],
Retrieved Feb. 22, 2017 from <URL:http://www.12inchsubwoofers.
info/tag/vented>.*

(Continued)

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(57) **CLAIM**

The ornamental design for a heater, as shown and described.

DESCRIPTION

FIG. 1 is a front, right, top perspective view of the heater;
FIG. 2 is a rear, left, top perspective view of the heater of
FIG. 1;

FIG. 3 is a rear, right, bottom perspective view of the heater
of FIG. 1;

FIG. 4 is a front elevation view of the heater of FIG. 1;

FIG. 5 is a rear elevation view of the heater of FIG. 1;

FIG. 6 is a top plan view of the heater of FIG. 1;

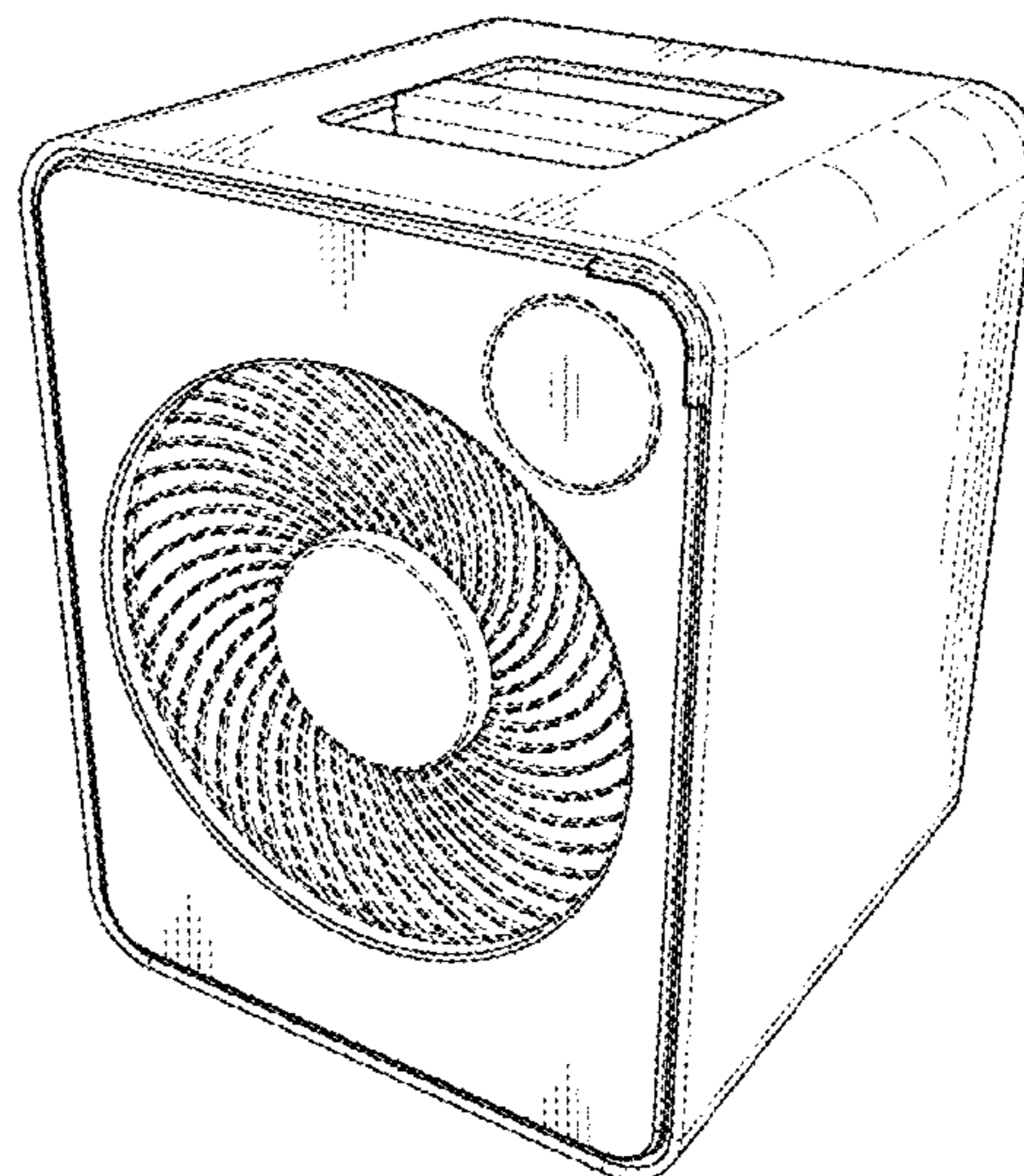
FIG. 7 is a bottom plan view of the heater of FIG. 1;

FIG. 8 is a right elevation view of the heater of FIG. 1; and,

FIG. 9 is a left elevation view of the heater of FIG. 1.

The broken lines represent portions of the structure that form
no part of the claim.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D340,971 S	*	11/1993	Pirro	.....	D14/214
D361,828 S	*	8/1995	Chen	.....	D23/332
D583,919 S	*	12/2008	Backes	.....	D23/344
D651,300 S	*	12/2011	Xu	.....	D23/342
D733,273 S	*	6/2015	Jeon	.....	D23/333
D769,431 S	*	10/2016	Lopez	.....	D23/324
D774,174 S	*	12/2016	Chapman	.....	D23/370

OTHER PUBLICATIONS

Amazon.com, PuraFlame Octavia Red 12 inch Portable Electric Heater, Eco Friendly, 1500W, Online product page, Retrieved Feb. 22, 2017 from <URL:https://www.amazon.com/PuraFlame-Octavia-Portable-electric-Friendly/dp/B00KIGUX30/ref=cm_cr_arp_d_product_top?ie=UTF8>.*

Optimus Enterprise, Portable Mini Ceramic Heater Model: H-7800, Product page [Online], Retrieved Feb. 22, 2017 from <URL:http://www.optimusent.com/_ceramic%20heaters_7800.html>.*

* cited by examiner

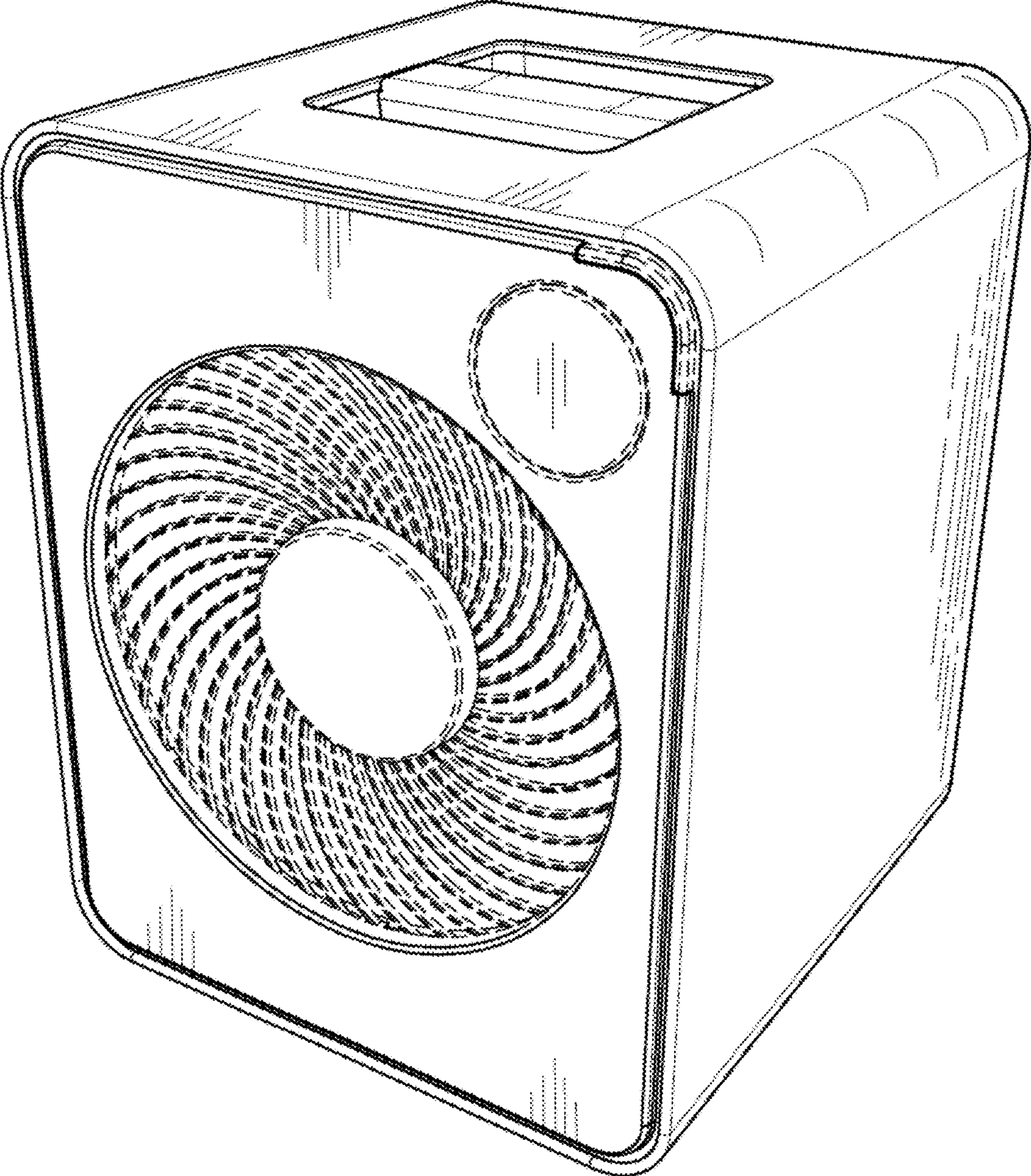


FIG. 1

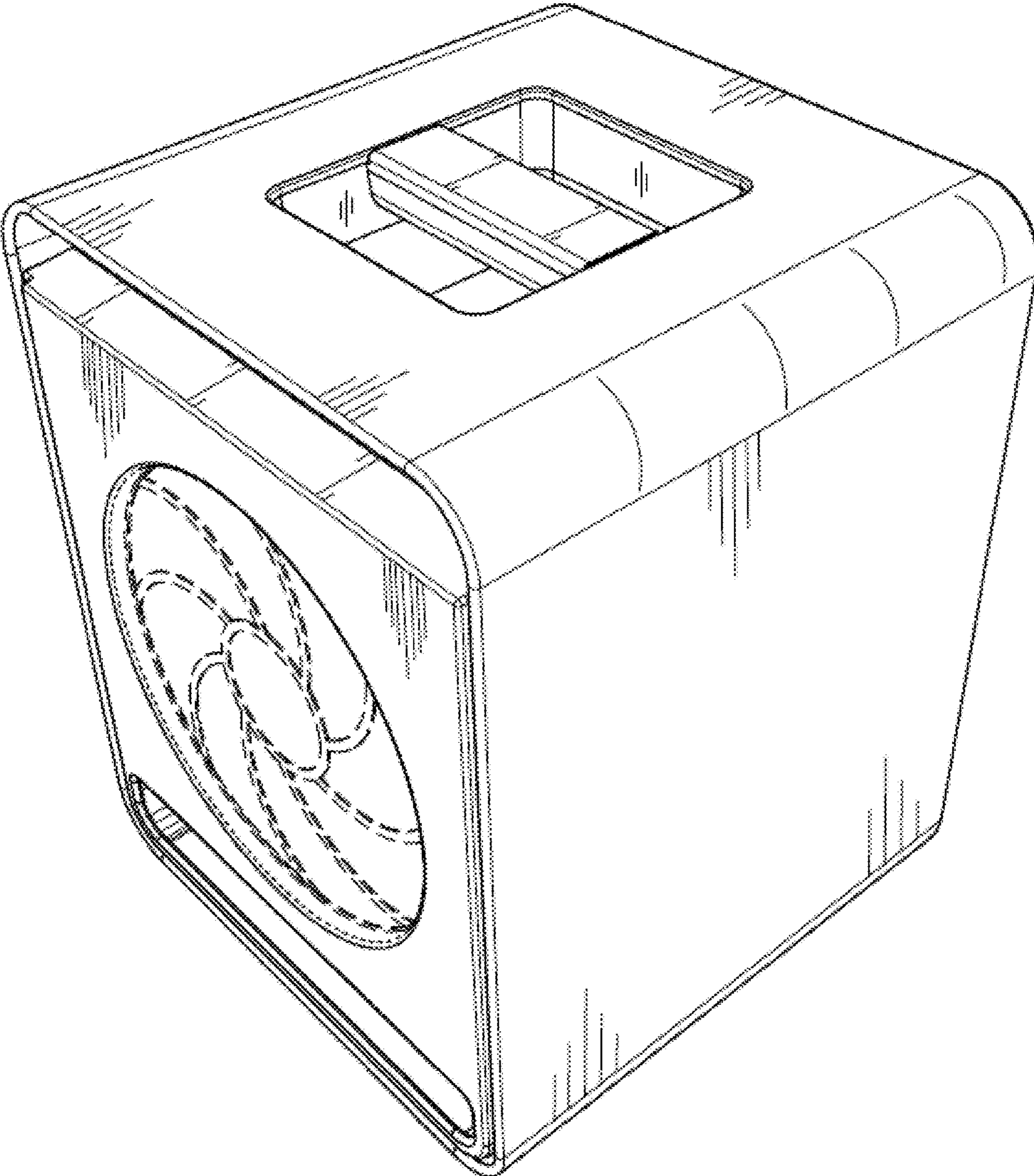


FIG. 2

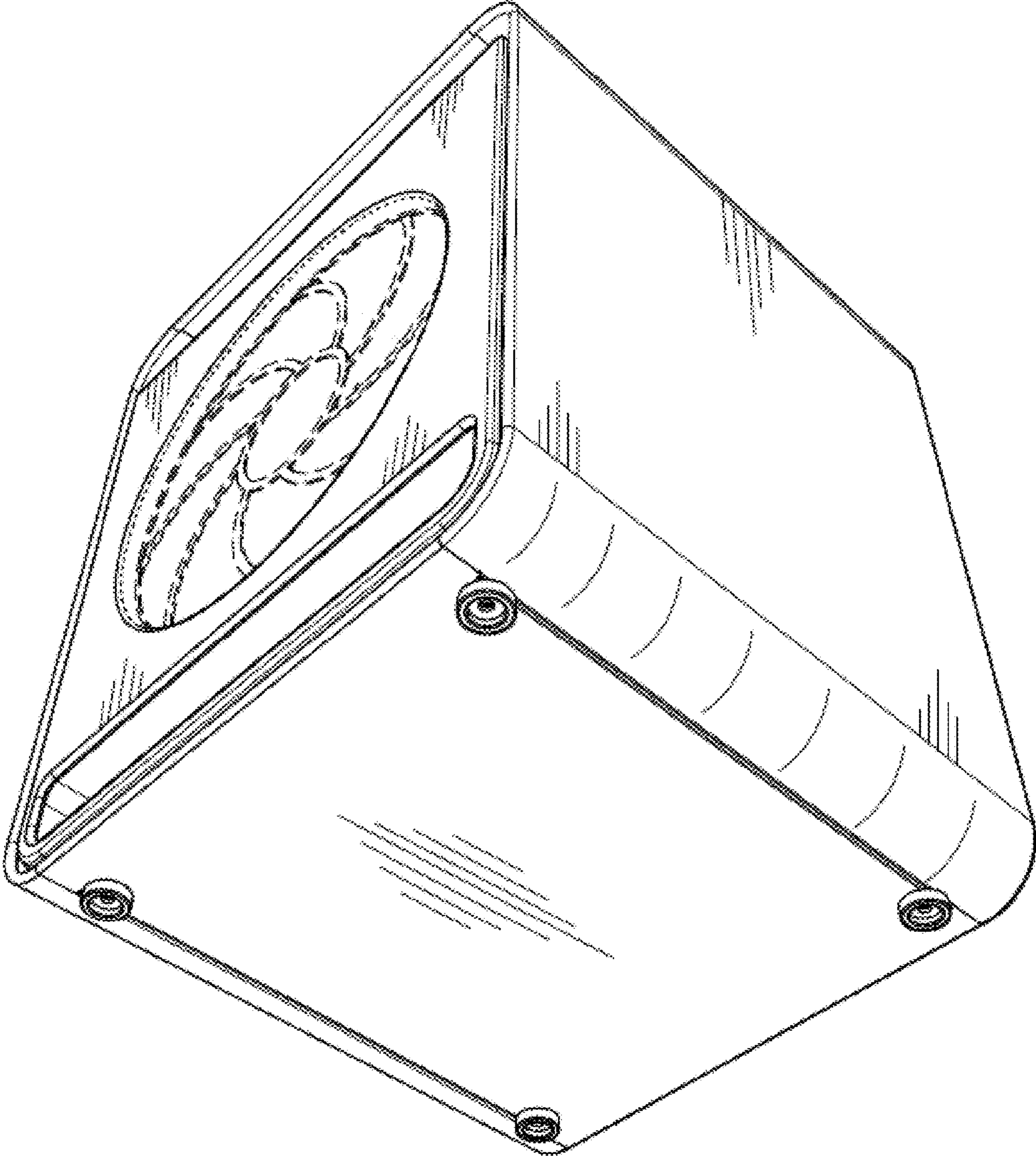


FIG. 3

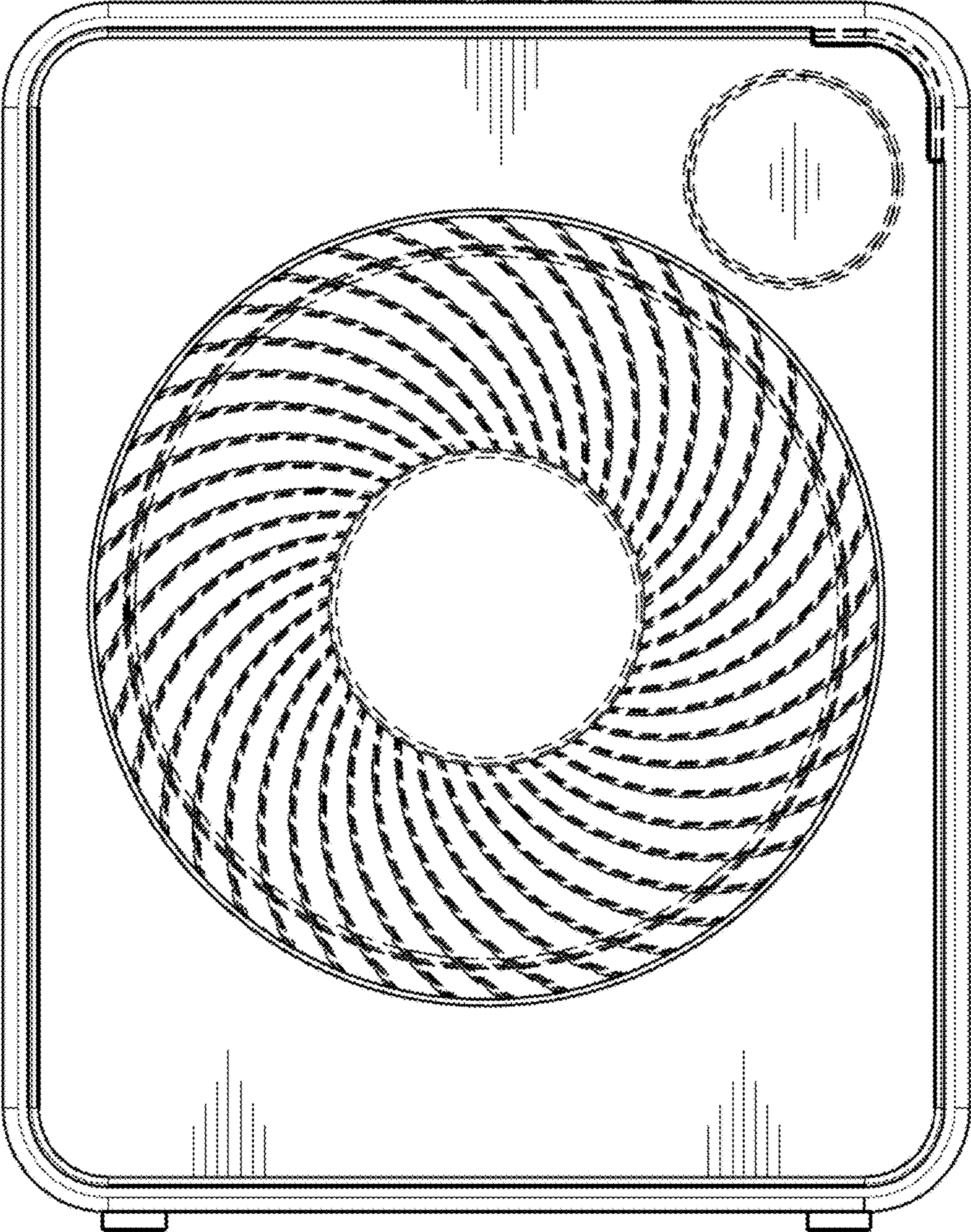


FIG. 4

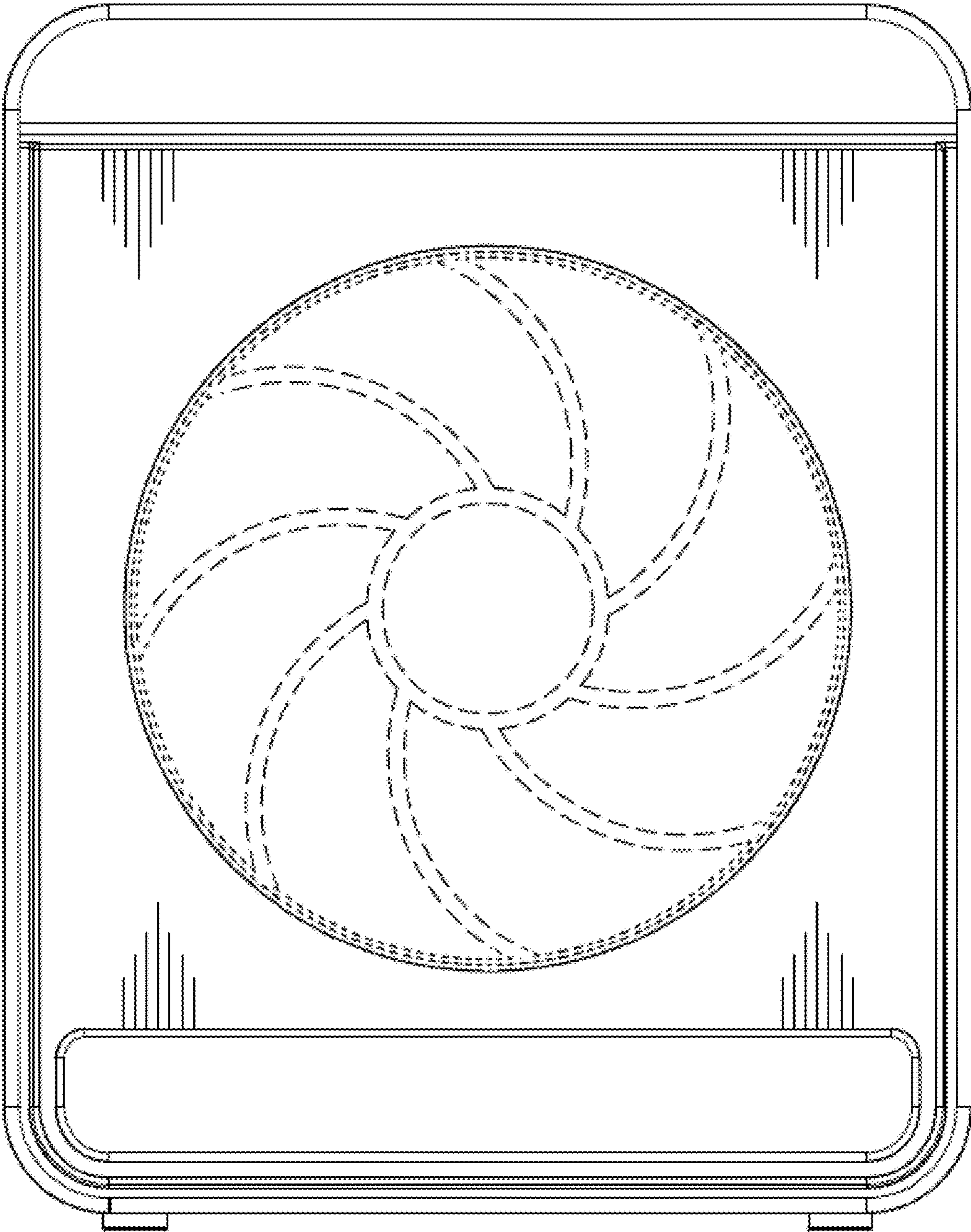


FIG. 5

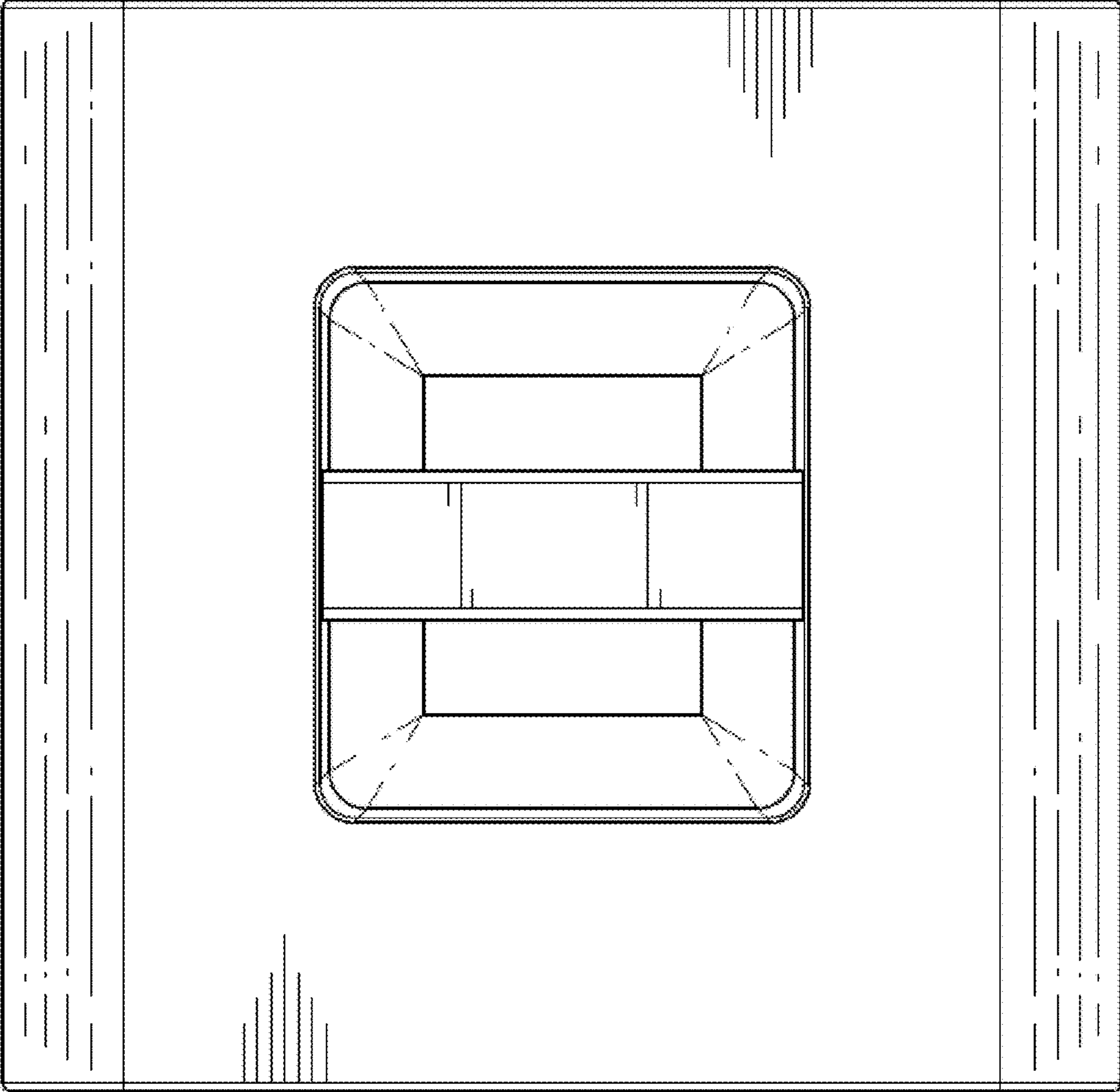


FIG. 6

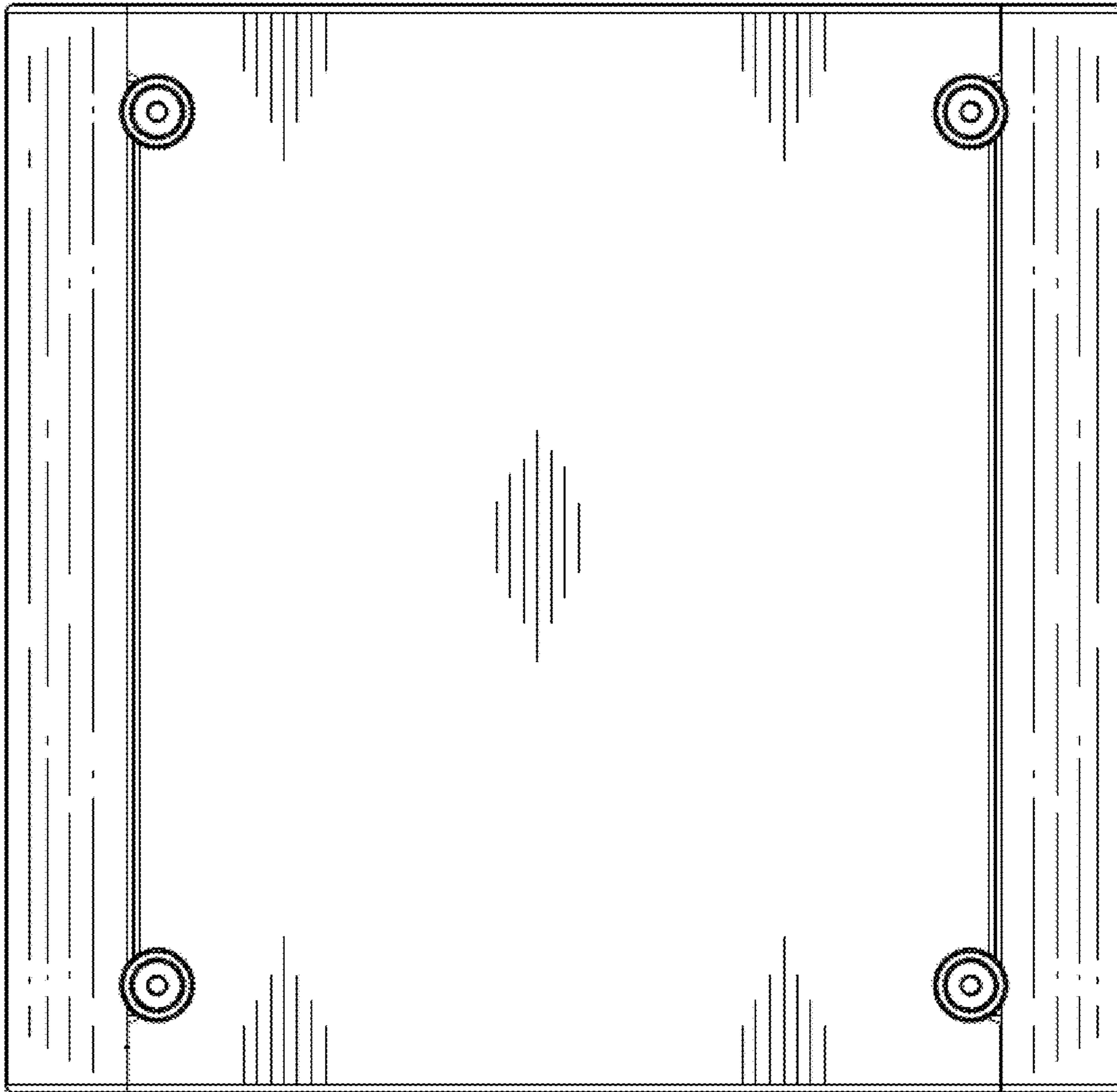


FIG. 7

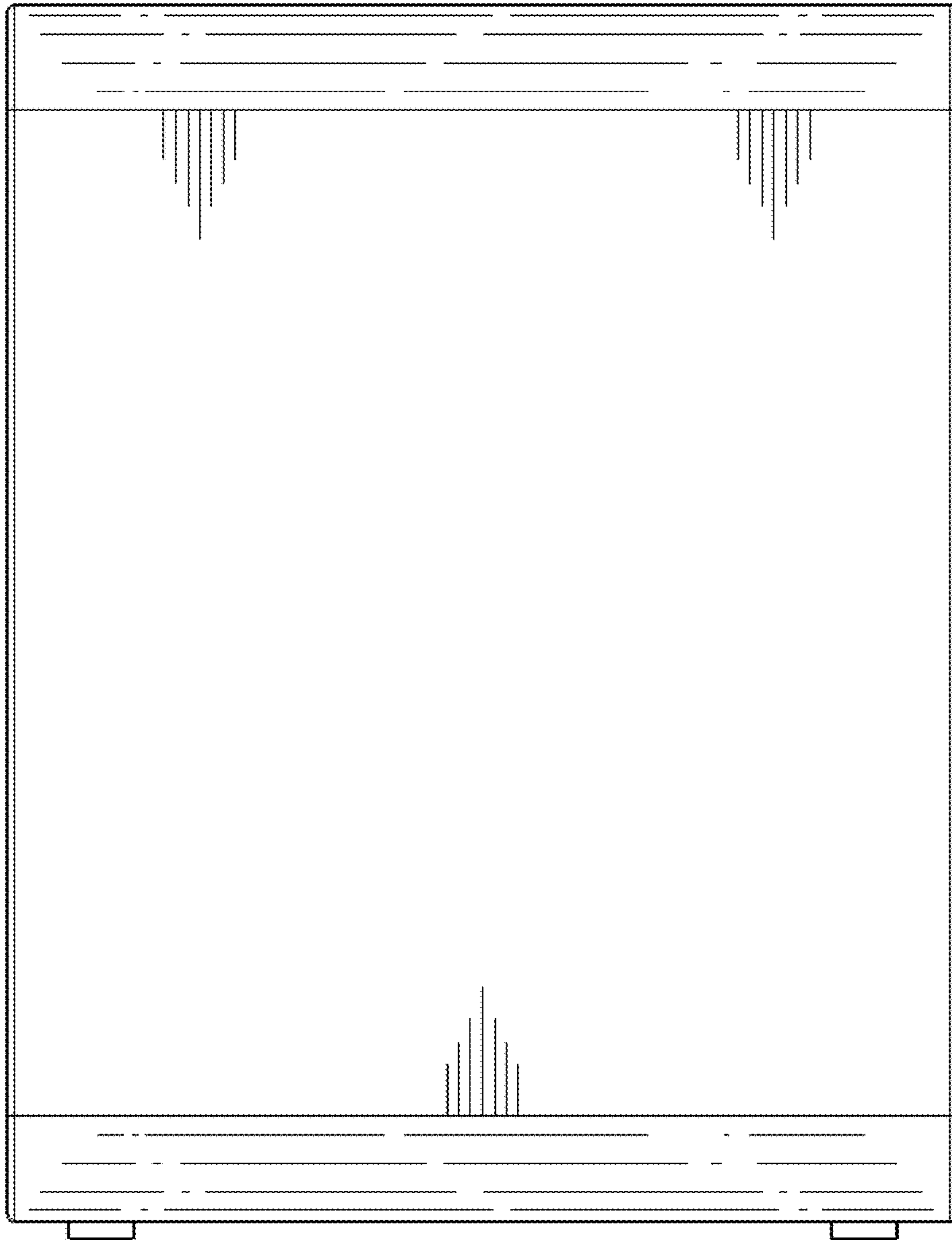


FIG. 8

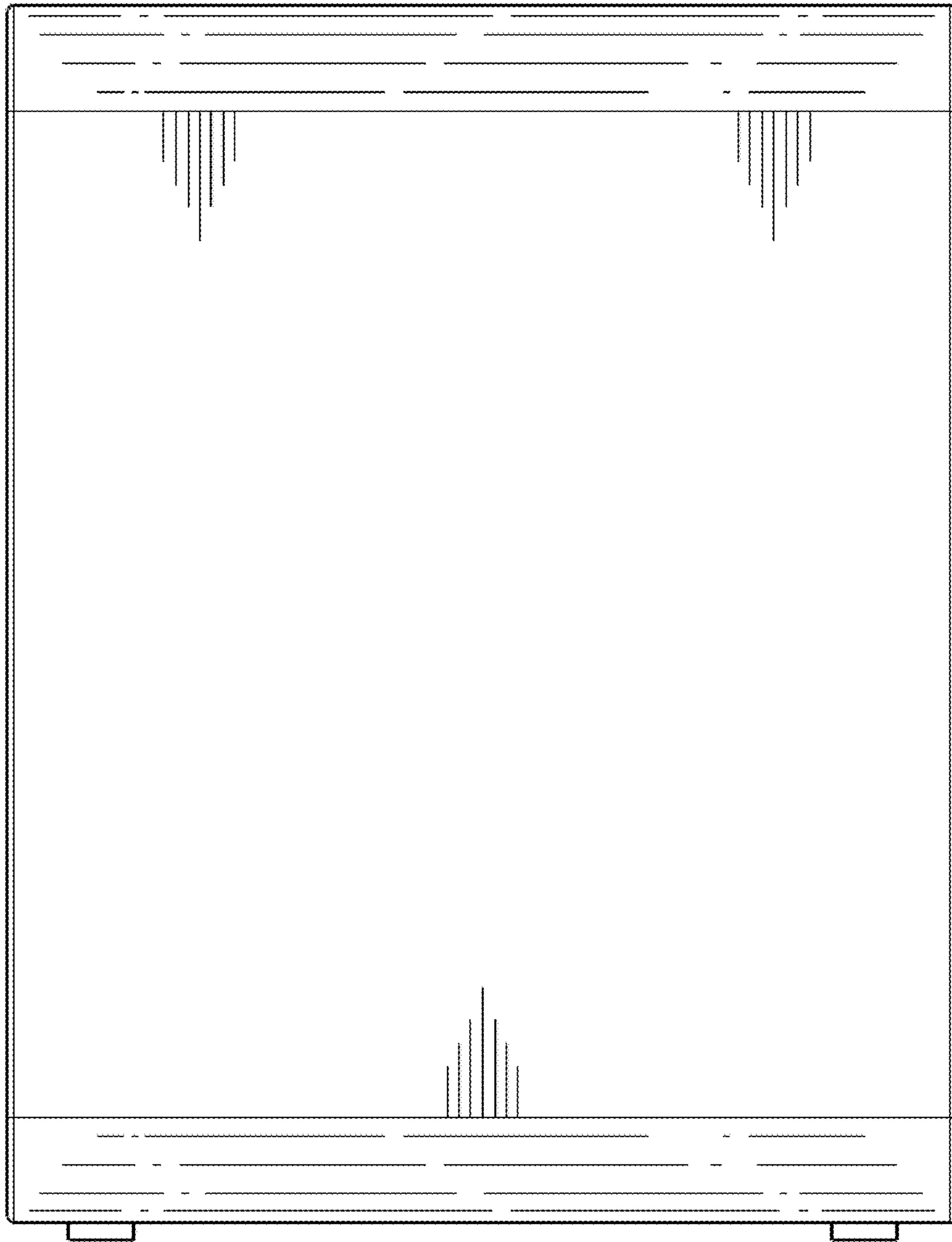


FIG. 9