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

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(54) **AIR CIRCULATOR**

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(73) Assignee: **Vornado Air, LLC**, Andover, KS (US)

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

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(22) Filed: **Nov. 30, 2012**

(51) **LOC (9) Cl.** **23-04**

(52) **U.S. Cl.**

USPC **D23/411**; D23/382

(58) **Field of Classification Search**

USPC D23/317, 330, 332–342, 351–360, D23/363, 364, 370–379, 381–383, 385–388, D23/393, 394, 399, 411–414; 454/237–253, 454/186, 228–236, 192; 52/302.1; 417/423.1, 417/423.14; 415/182.1, 200, 90; 416/244 R, 416/246, 247 R; D6/309; D21/430, 436, D21/442, 447, 450, 453, 458; 5/421, 423
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D31,900 S *	11/1899	Brown	.....	D23/411
D166,010 S *	2/1952	Woodward	.....	D23/414
D166,011 S *	2/1952	Woodward	.....	D23/414
D166,012 S *	2/1952	Woodward	.....	D23/414
3,858,644 A *	1/1975	Beck et al.	.....	165/51
D398,983 S	9/1998	Keller et al.		
D537,515 S *	2/2007	Ediger et al.	.....	D23/382
D537,516 S *	2/2007	Ediger et al.	.....	D23/382
D566,830 S *	4/2008	Lewis	.....	D23/411
D594,548 S *	6/2009	Salisbury et al.	.....	D23/411

D595,835 S *	7/2009	Fu	.....	D23/411
D599,463 S *	9/2009	Israel et al.	.....	D23/382
D630,723 S *	1/2011	Ediger et al.	.....	D23/411
D673,256 S *	12/2012	Shapiro	.....	D23/411

FOREIGN PATENT DOCUMENTS

WO WO2012134983 10/2012

OTHER PUBLICATIONS

U.S. Appl. No. 29/438,474, filed Nov. 30, 2012, Ediger et al.
U.S. Appl. No. 29/438,475, filed Nov. 30, 2012, Ediger et al.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a air circulator, as shown and described.

DESCRIPTION

FIG. 1 is a front right perspective view of the air circulator of FIG. 1;

FIG. 2 is a right elevation view of the air circulator;

FIG. 3 is a left elevation view of the air circulator;

FIG. 4 is a top elevation view of the air circulator of FIG. 1;

FIG. 5 is a bottom elevation view of the air circulator of FIG. 1;

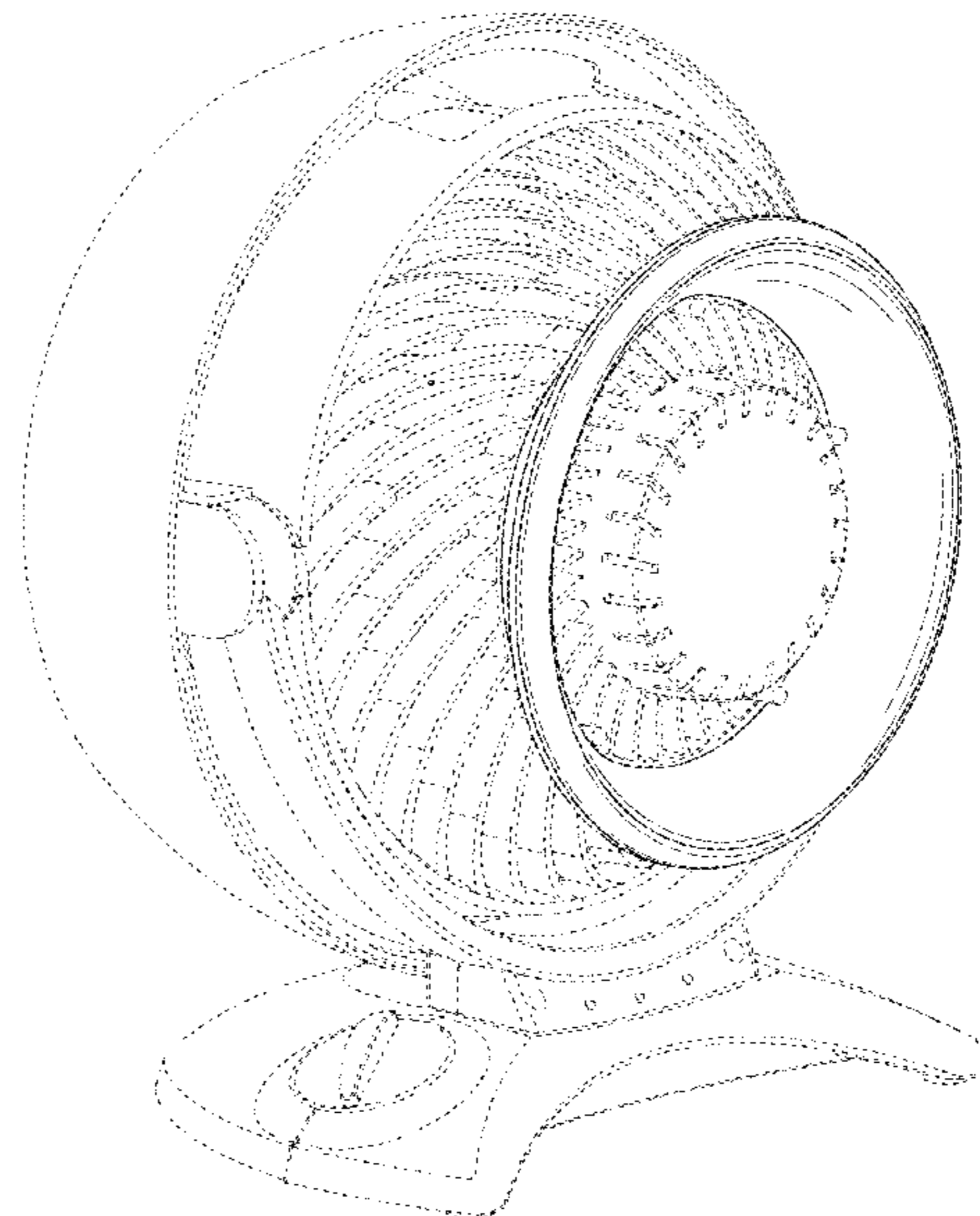
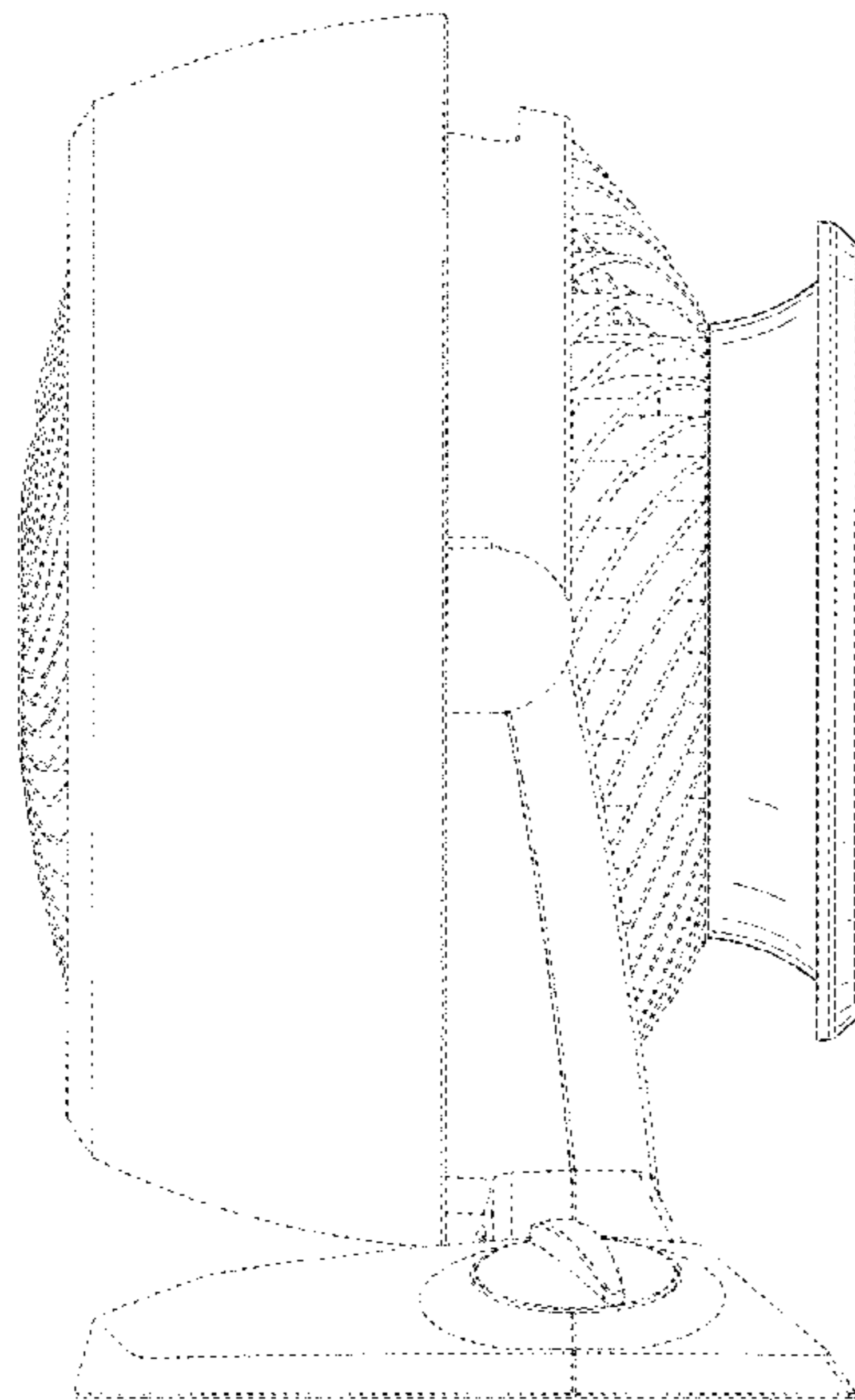
FIG. 6 is a rear right perspective view of the air circulator of FIG. 1;

FIG. 7 is a front elevation view of the air circulator of FIG. 1; and,

FIG. 8 is a rear elevation view of the air circulator of FIG. 1.

The broken line showing of structure is included for the purpose of illustrating portions of the “article” and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



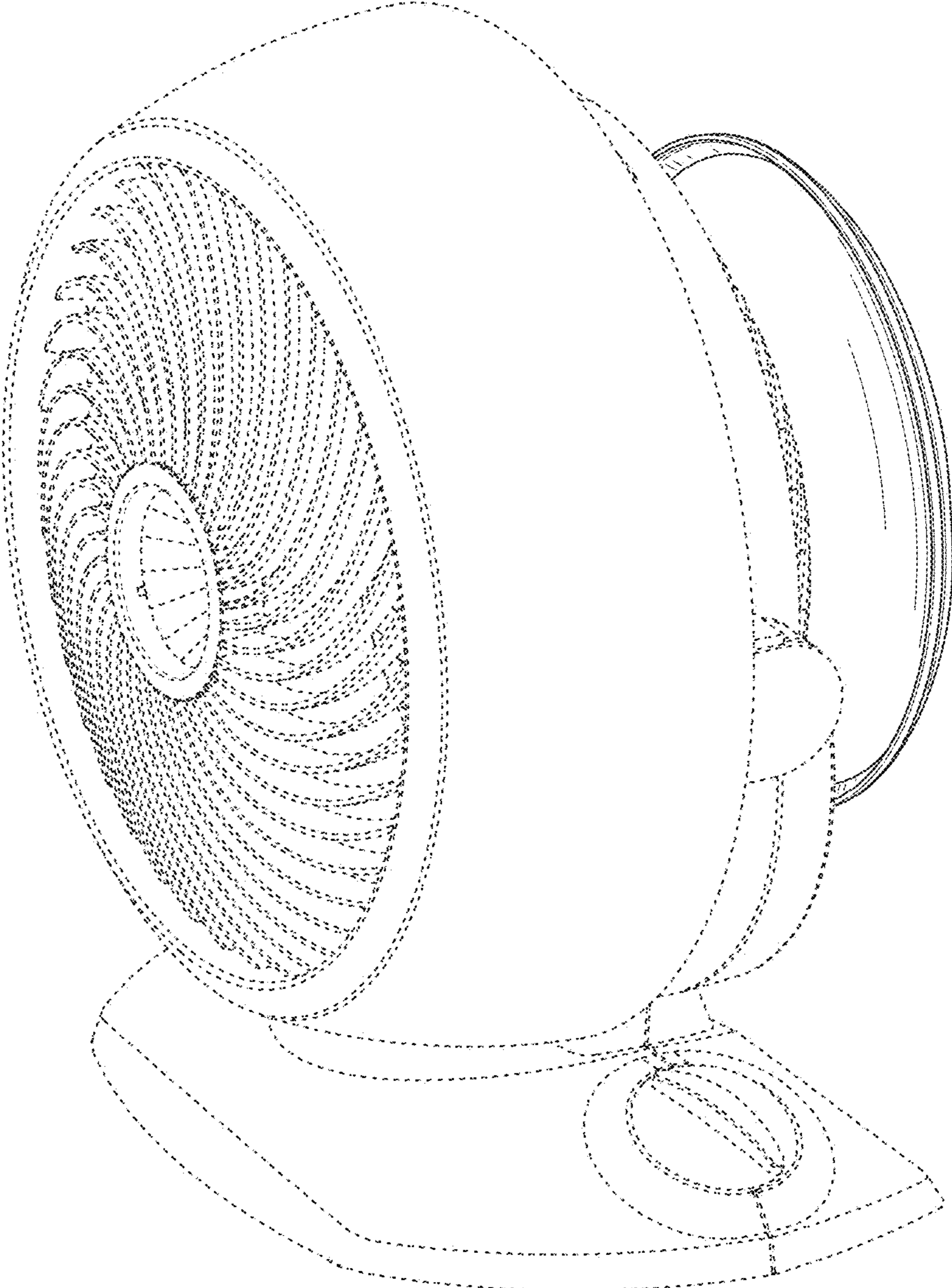


FIG. 1

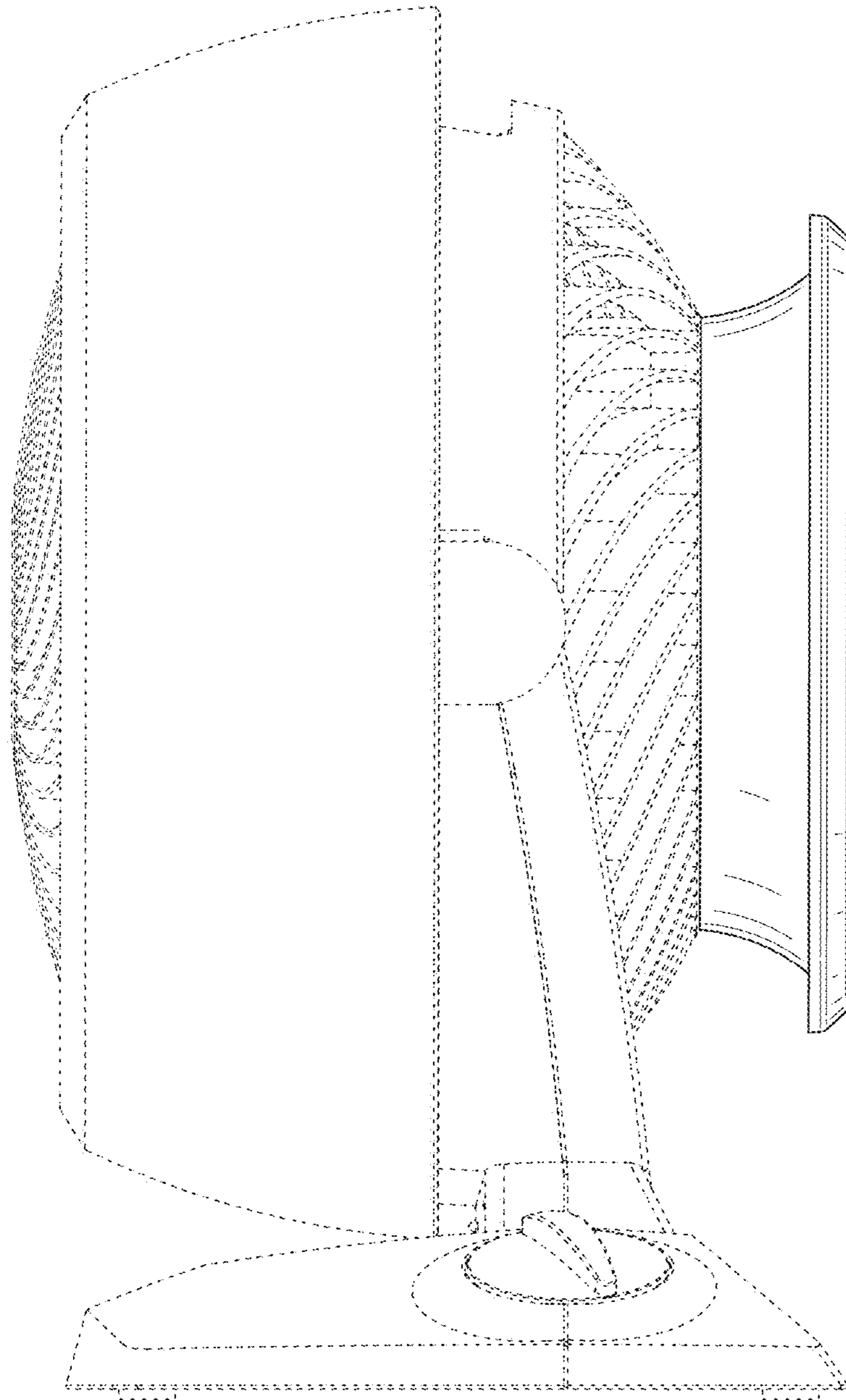


FIG. 2

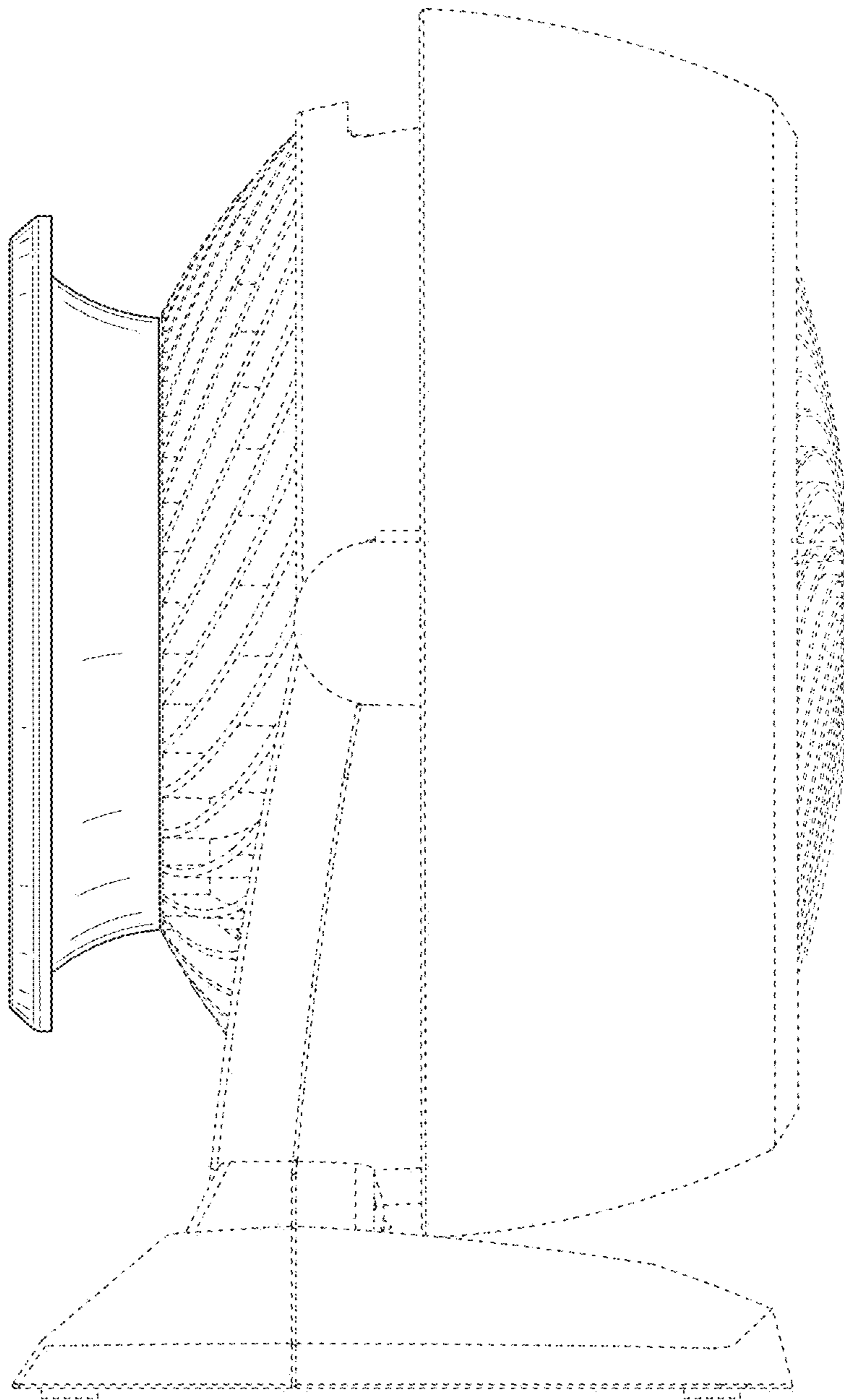


FIG. 3

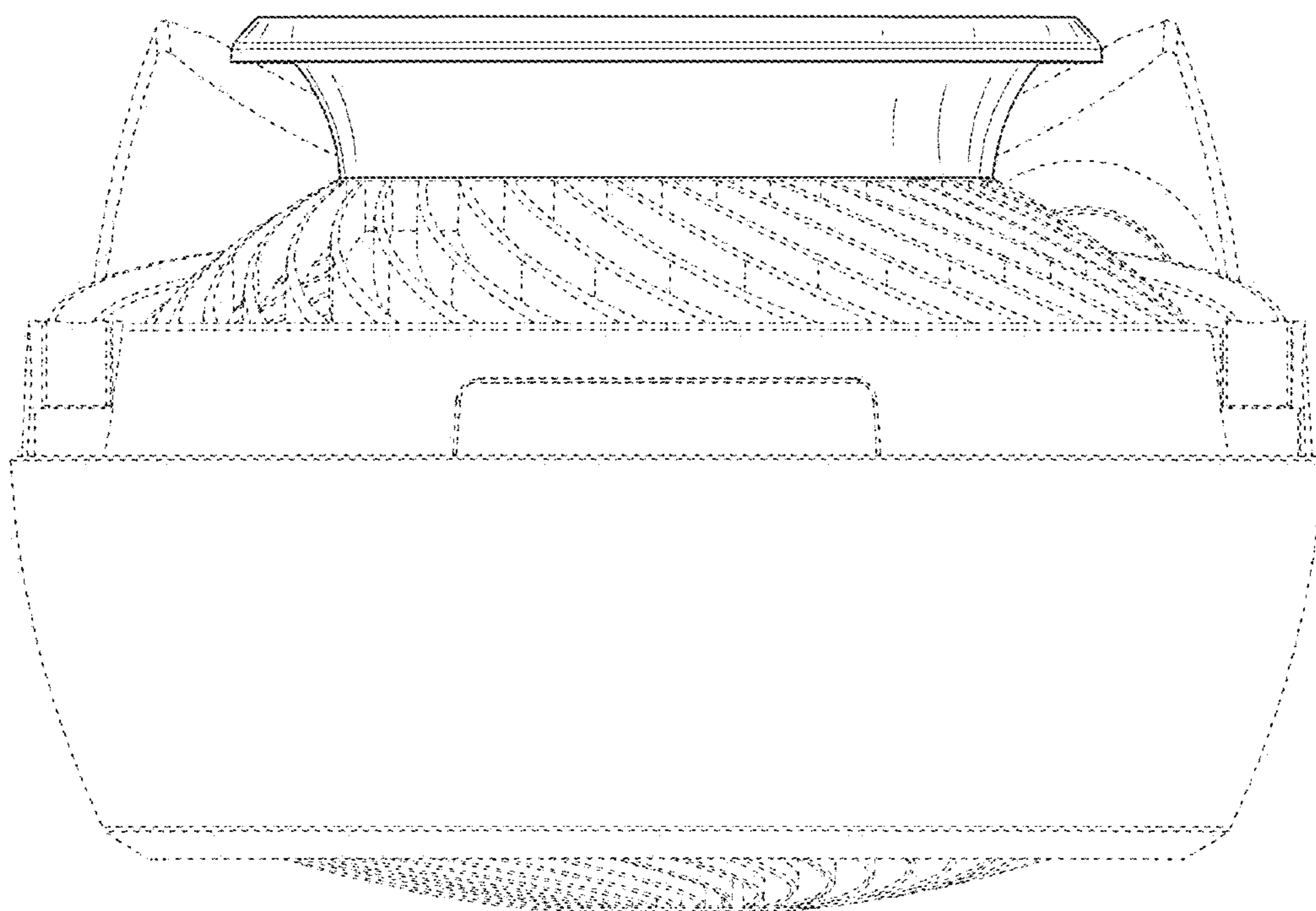


FIG. 4

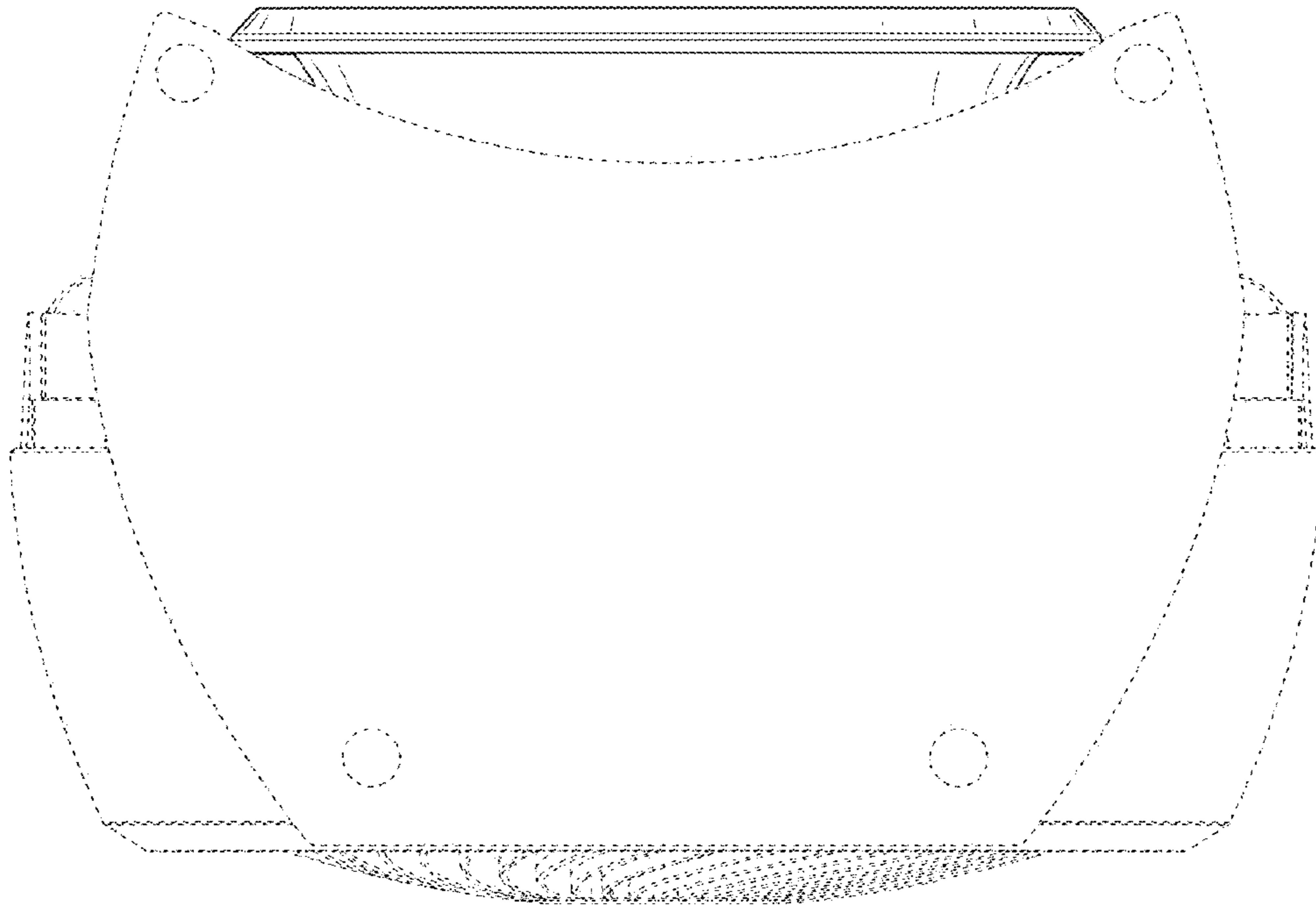


FIG. 5

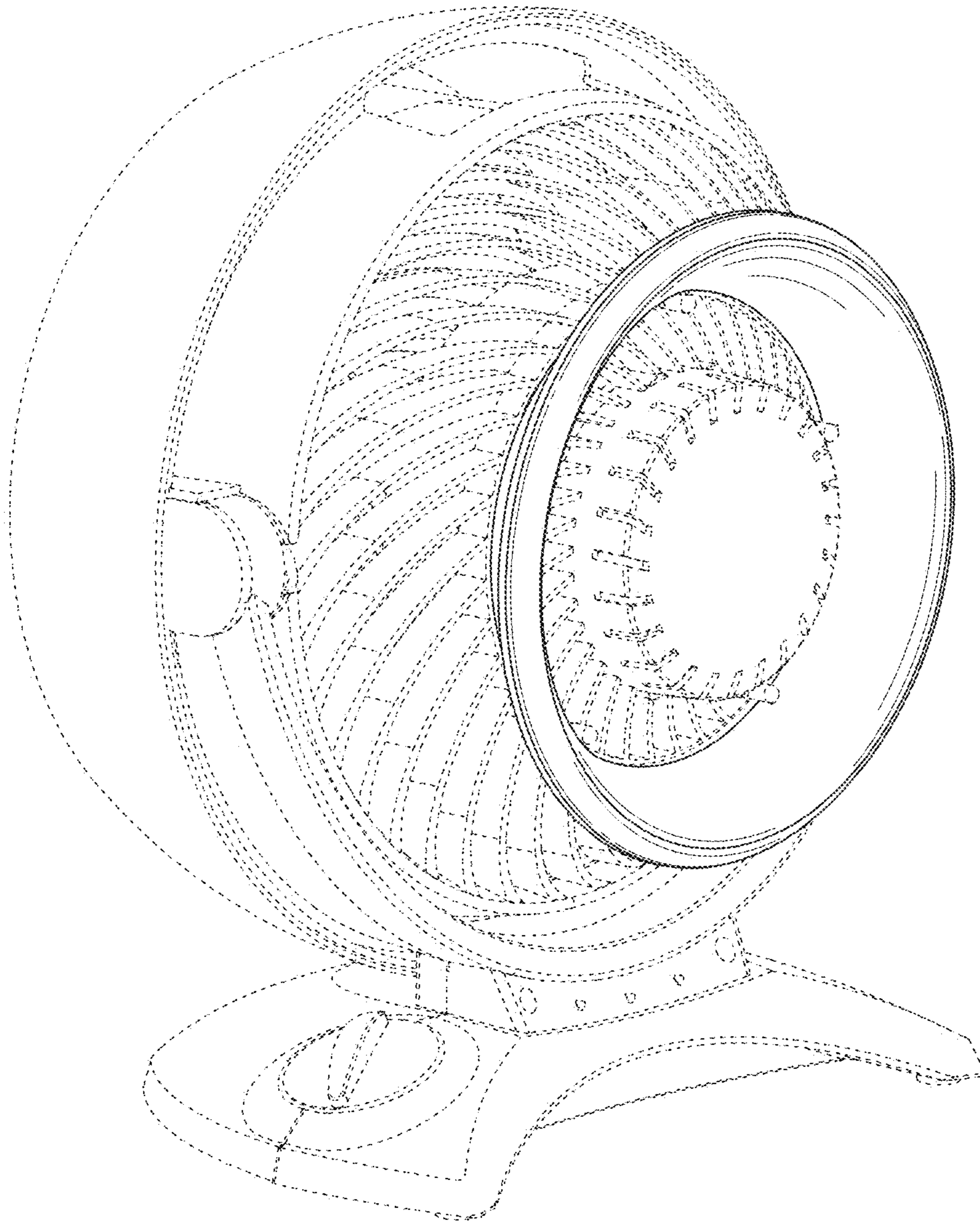


FIG. 6

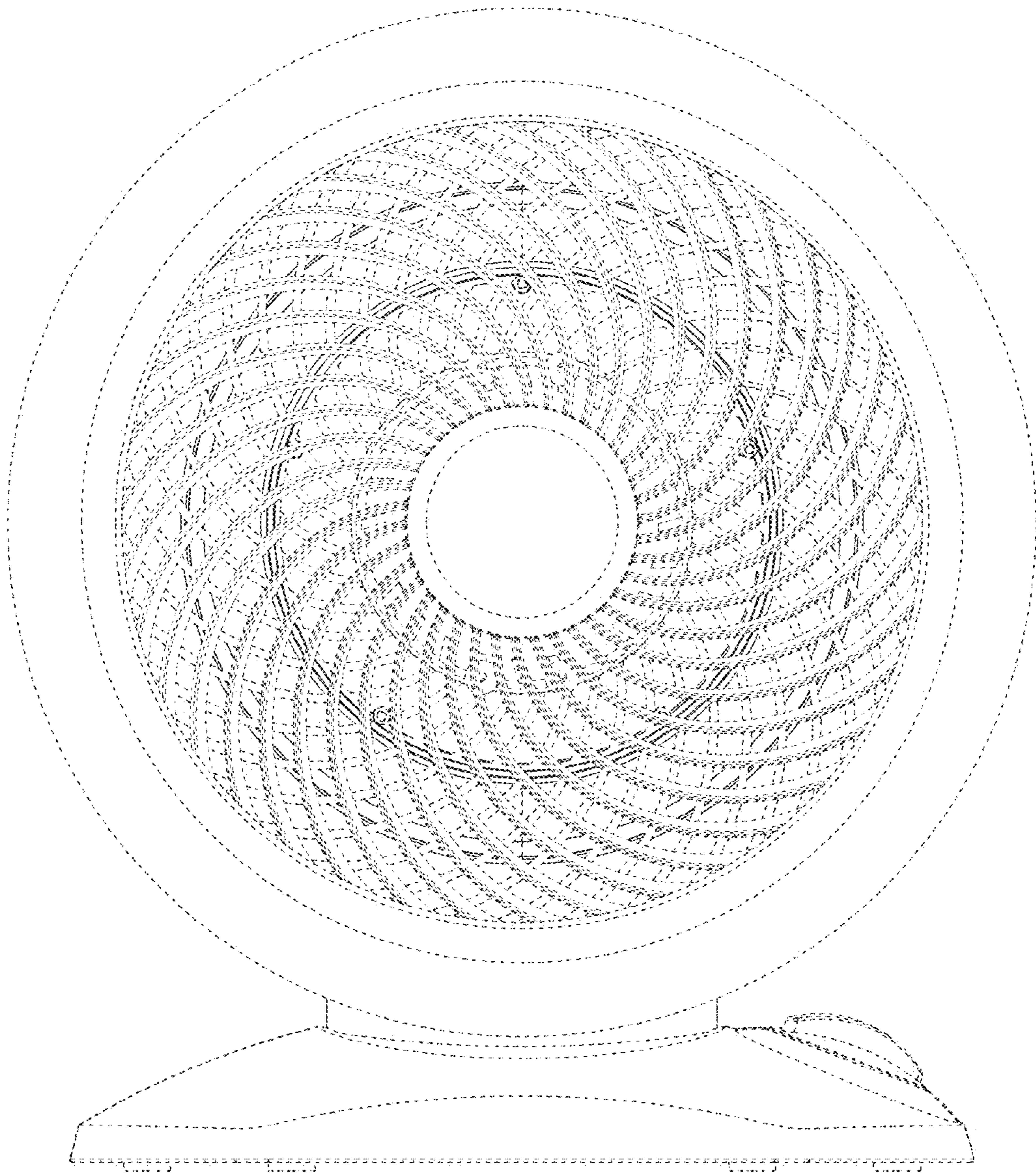


FIG. 7

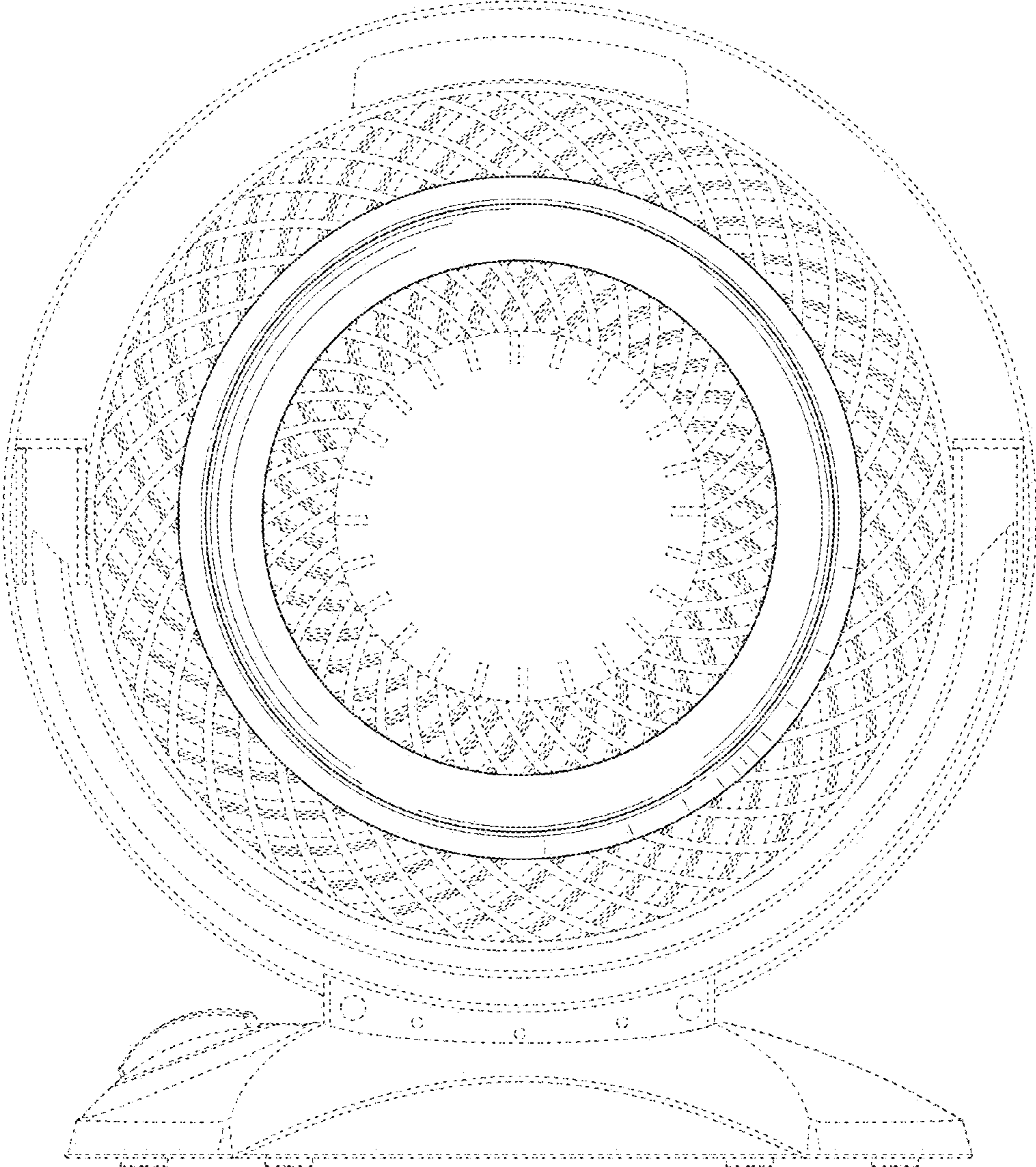


FIG. 8