



US00D449676B2

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

(10) **Patent No.:** **US D449,676 S**

(45) **Date of Patent:** **** Oct. 23, 2001**

(54) **HUMIDIFIER**

5,490,957 2/1996 Lasko et al. .

(75) Inventors: **Patrick T. Mulvaney; Michael E. Smith**, both of Glen Allen, VA (US);
Anthony V. Cruz, Westlake Village, CA (US)

(List continued on next page.)

(73) Assignee: **Hamilton Beach/Proctor-Silex, Inc.**,
Glen Allen, VA (US)

OTHER PUBLICATIONS

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

“Honeywell Consumer Products: Parts and Accessories Finder,” webpage at http://hcpretail.honeywell.com/HCP_Store/catalog/productdisplay.asp?subroupnum=33, date unknown.

Hunter Fan Company “The Healthy Humidifier Plus”; Jan. 1, 1997; 2 pgs.

(21) Appl. No.: **29/127,830**

Primary Examiner—Lisa Lichtenstein

(22) Filed: **Aug. 11, 2000**

(74) *Attorney, Agent, or Firm*—Akin, Gump, Strauss, Hauer & Feld, L.L.P.

(51) **LOC (7) Cl.** **23-04**

(57) **CLAIM**

(52) **U.S. Cl.** **D23/356**

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

(58) **Field of Search** D23/356–363;
261/104, 107

DESCRIPTION

(56) **References Cited**

U.S. PATENT DOCUMENTS

Re. 35,153	2/1996	Chiu .	
D. 337,634	7/1993	Copland et al. .	
D. 370,059	5/1996	Chiu et al. .	
D. 374,479	10/1996	Bucher et al. .	
D. 375,349	11/1996	Gonzales .	
D. 388,162	12/1997	Chiu et al. .	
D. 394,099	5/1998	Tsuji .	
D. 395,491	6/1998	Jané et al. .	
D. 402,744	12/1998	Zuege .	
D. 408,511	4/1999	Allen et al. .	
D. 413,661	9/1999	Litvin et al. .	
D. 416,316	11/1999	Cox et al. .	
D. 428,979	8/2000	Cox et al. .	
D. 438,296 *	2/2001	Krauss D23/356	
3,253,820	5/1966	Seil .	
4,839,014	6/1989	Park et al. .	
5,034,162	7/1991	Chiu .	
5,061,405	10/1991	Stanek et al. .	
5,108,663	4/1992	Chiu .	
5,110,511	5/1992	Hand .	
5,143,655	9/1992	Chiu et al. .	
5,250,232	10/1993	Pepper et al. .	
5,483,616	1/1996	Chiu et al. .	

FIG. 1 is a perspective view as seen from the top, front, and right side of a first embodiment of the humidifier of the present invention;

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a right side elevational view thereof;

FIG. 7 is a left side elevational view thereof;

FIG. 8 is a perspective view as seen from the top, front, and right side of a second embodiment of the humidifier of the present invention;

FIG. 9 is a top plan view of FIG. 8;

FIG. 10 is a bottom plan view of FIG. 8;

FIG. 11 is a front elevational view of FIG. 8;

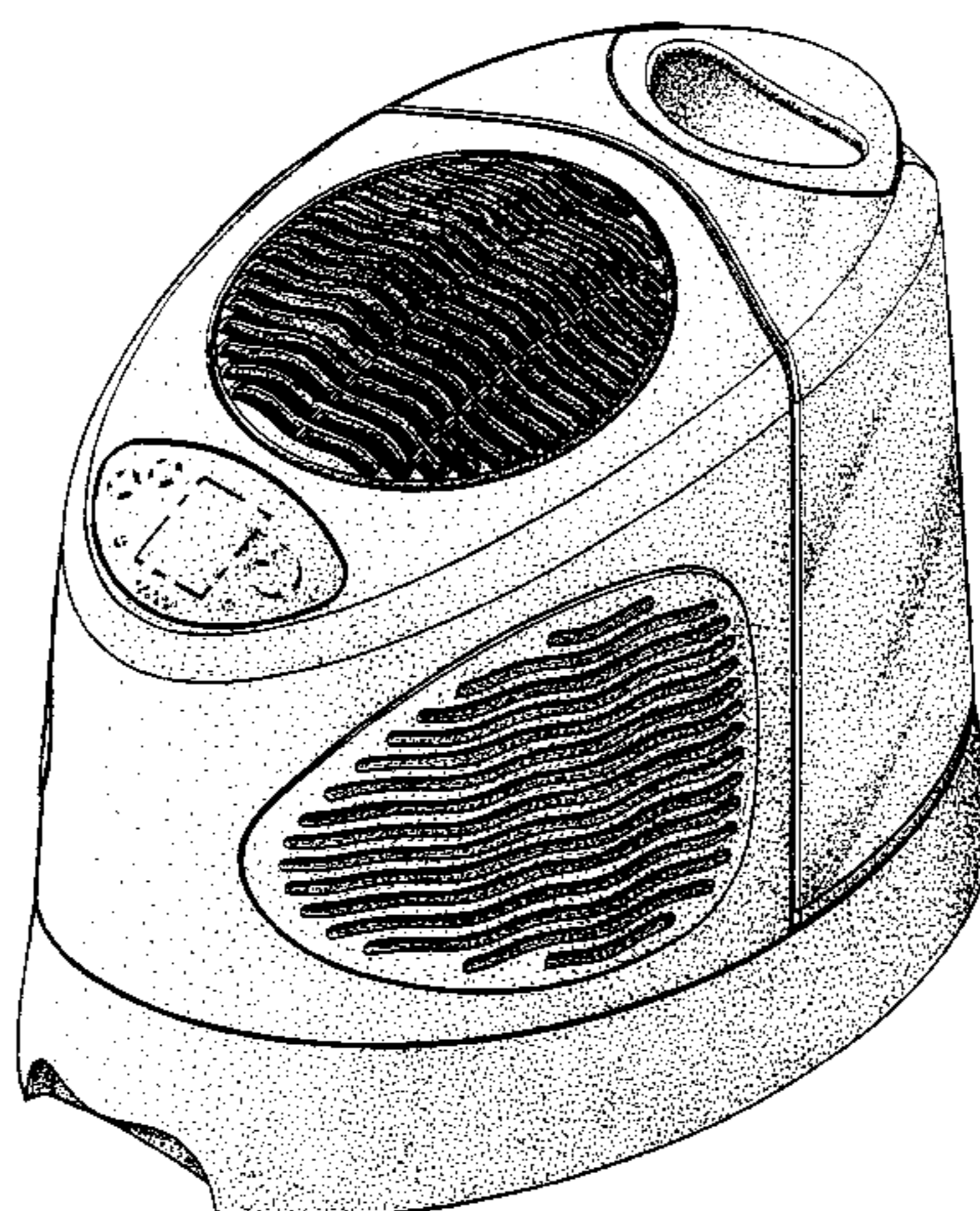
FIG. 12 is a rear elevational view of FIG. 8;

FIG. 13 is a right side elevational view of FIG. 8; and,

FIG. 14 is a left side elevational view of FIG. 8.

The broken line showing of environmental structure in FIGS. 1, 2, 3, 6–9, 11, 13 and 14 is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 14 Drawing Sheets



US D449,676 S

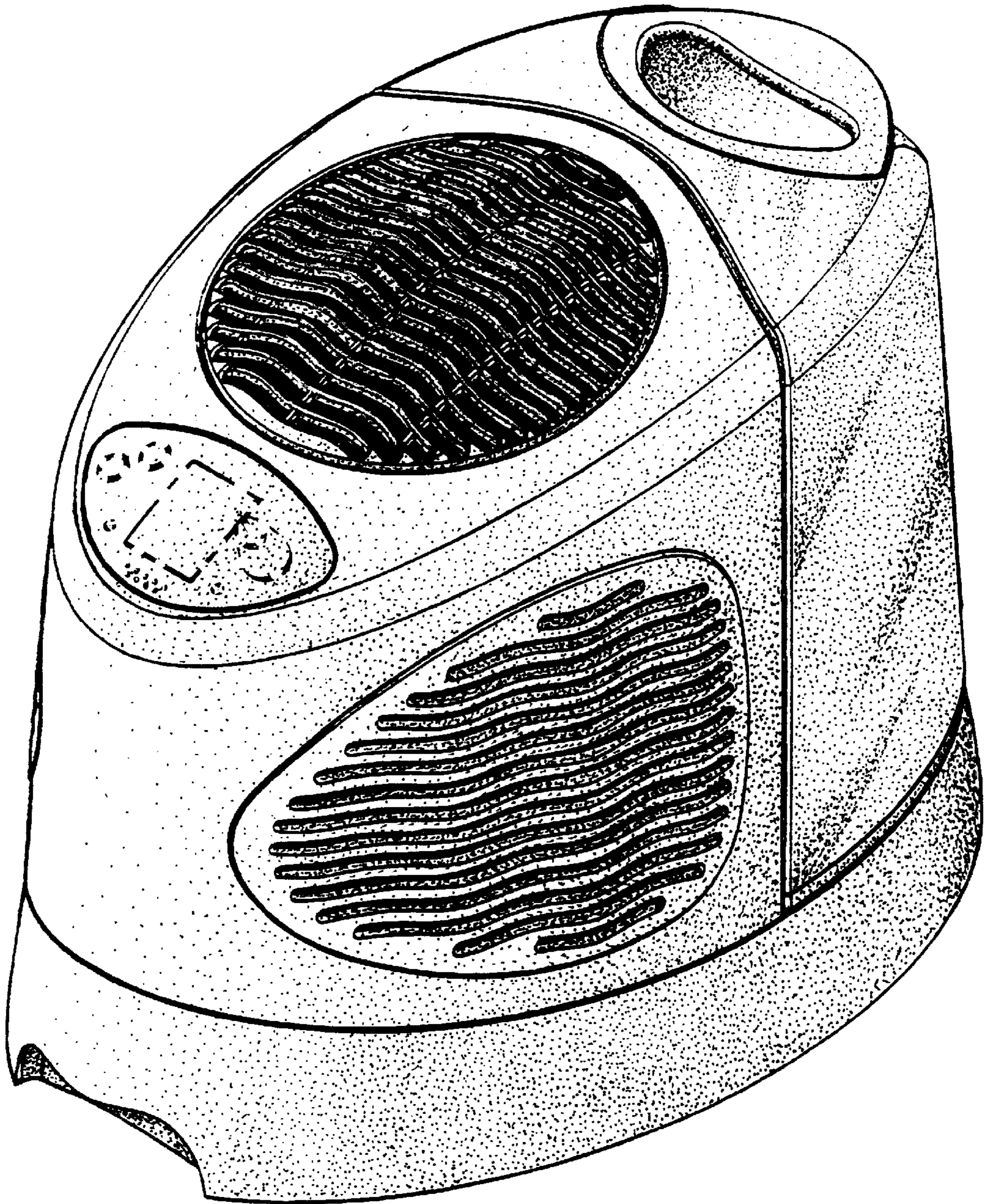
Page 2

U.S. PATENT DOCUMENTS

5,529,726	6/1996	Glenn .	5,783,117	7/1998	Byassee et al. .
5,547,615	8/1996	Jané et al. .	5,800,741	9/1998	Glenn et al. .
5,611,967	3/1997	Jané et al. .	5,945,038	8/1999	Anderson .
5,688,446	11/1997	Glenn .	6,053,482	4/2000	Glenn et al. .

* cited by examiner

FIG -1



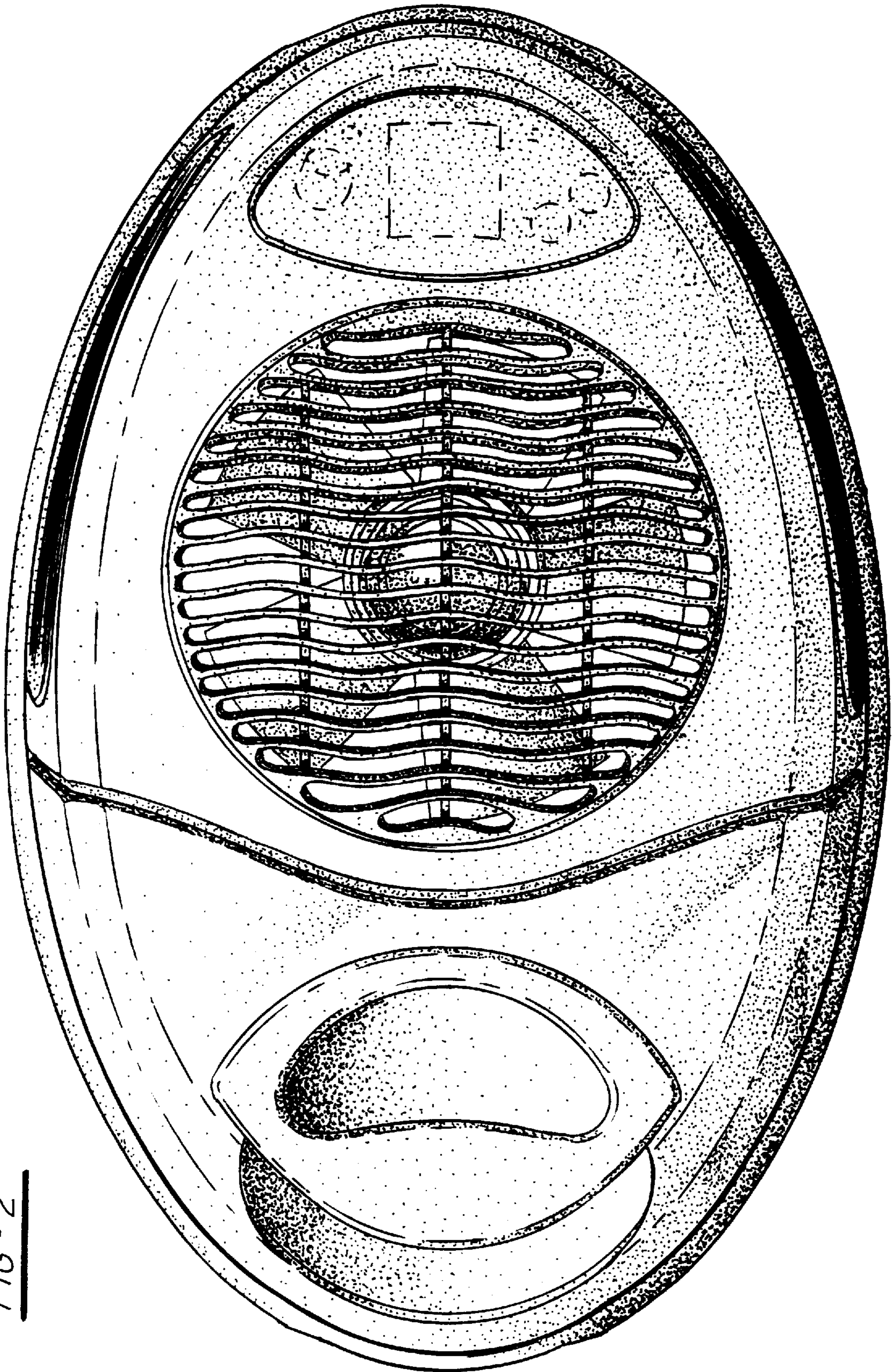


FIG - 2

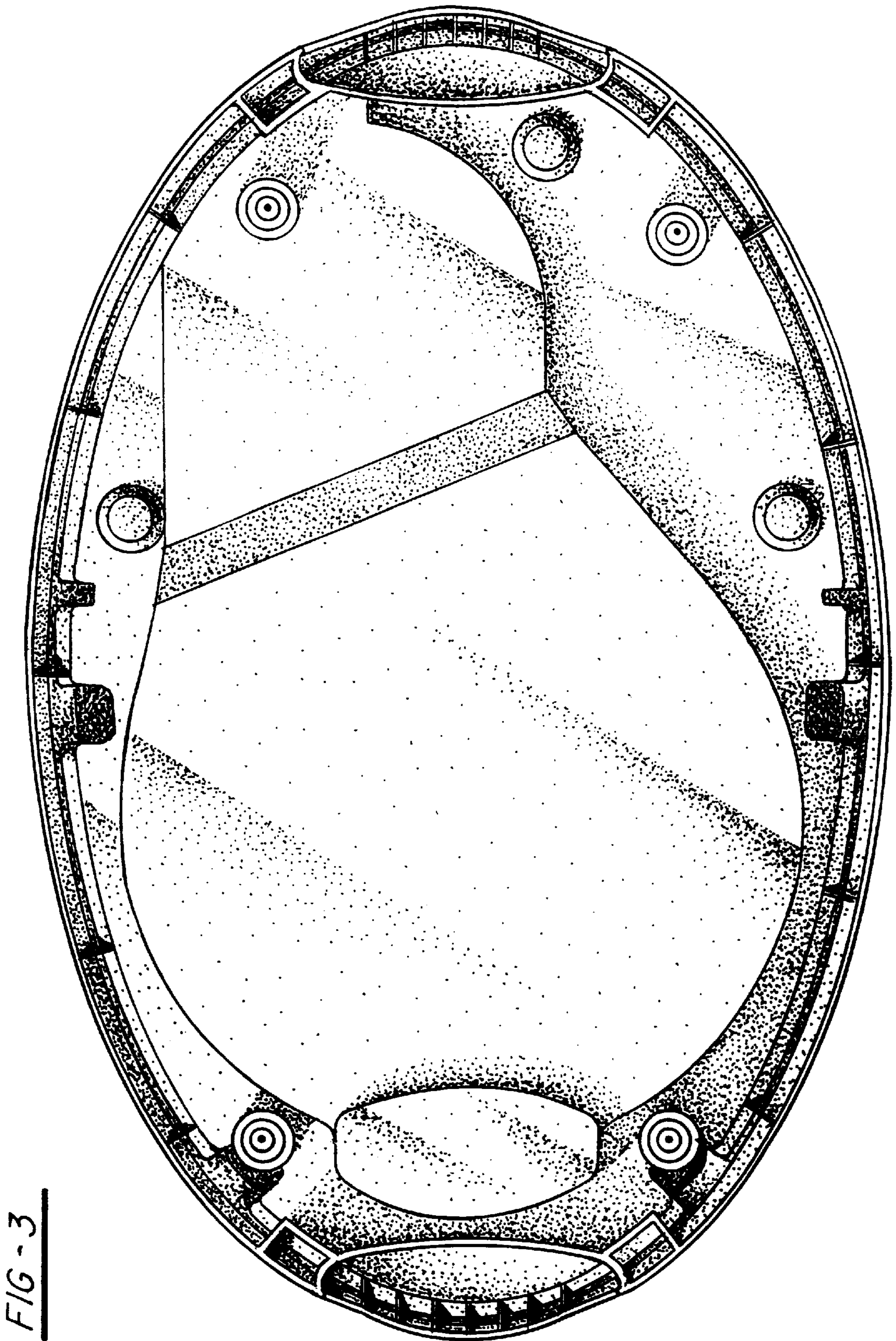


FIG - 3

FIG - 4

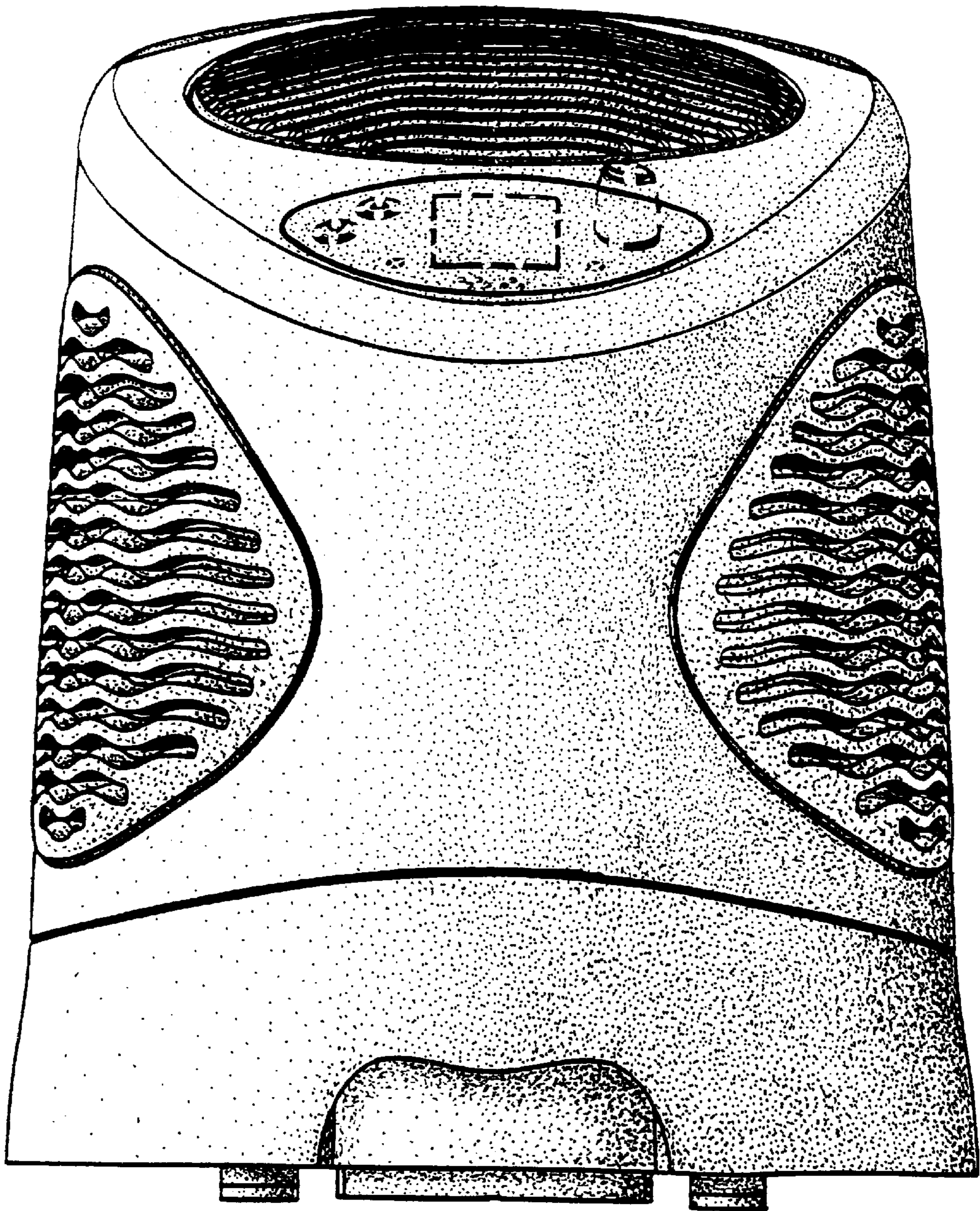
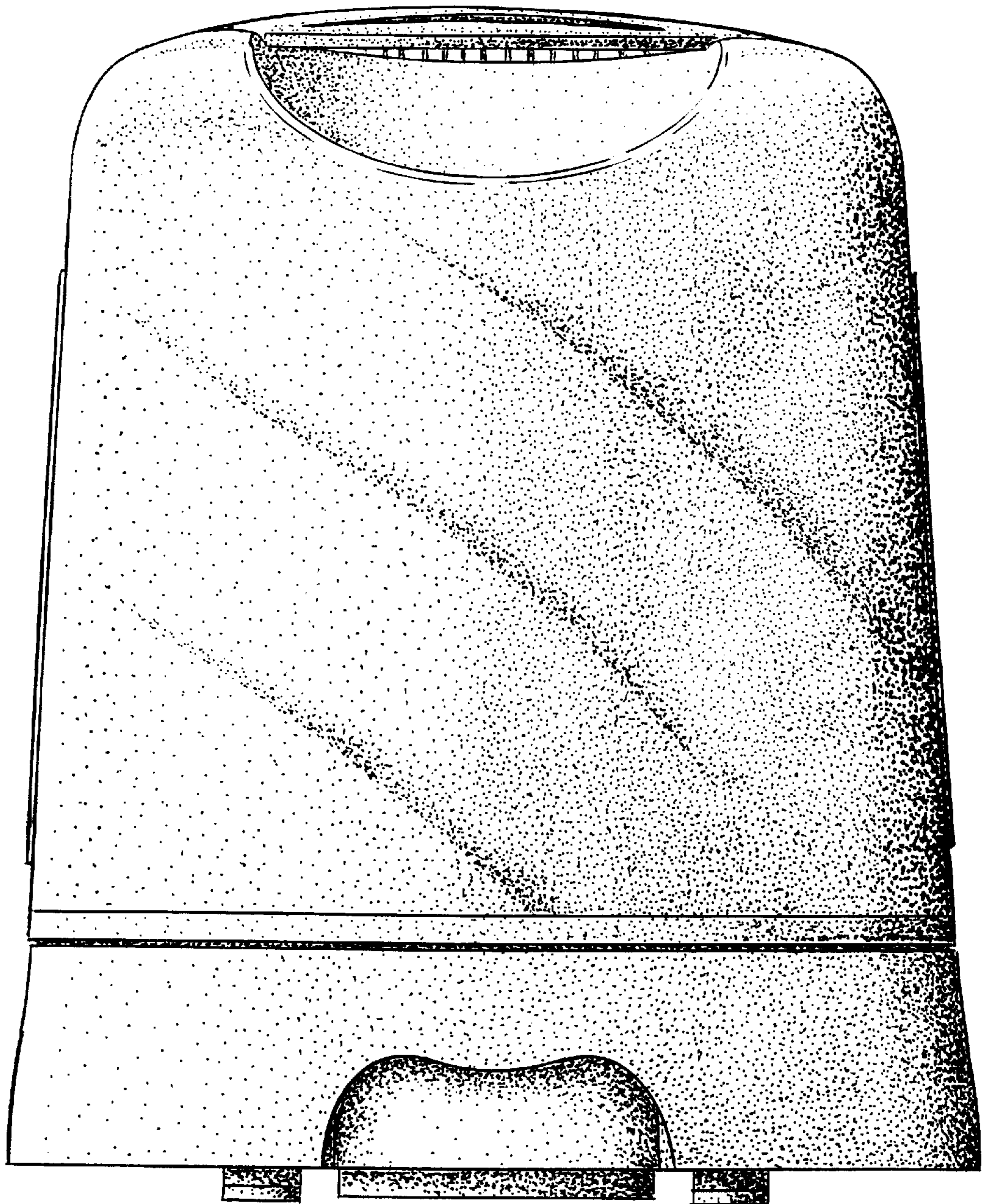


FIG - 5



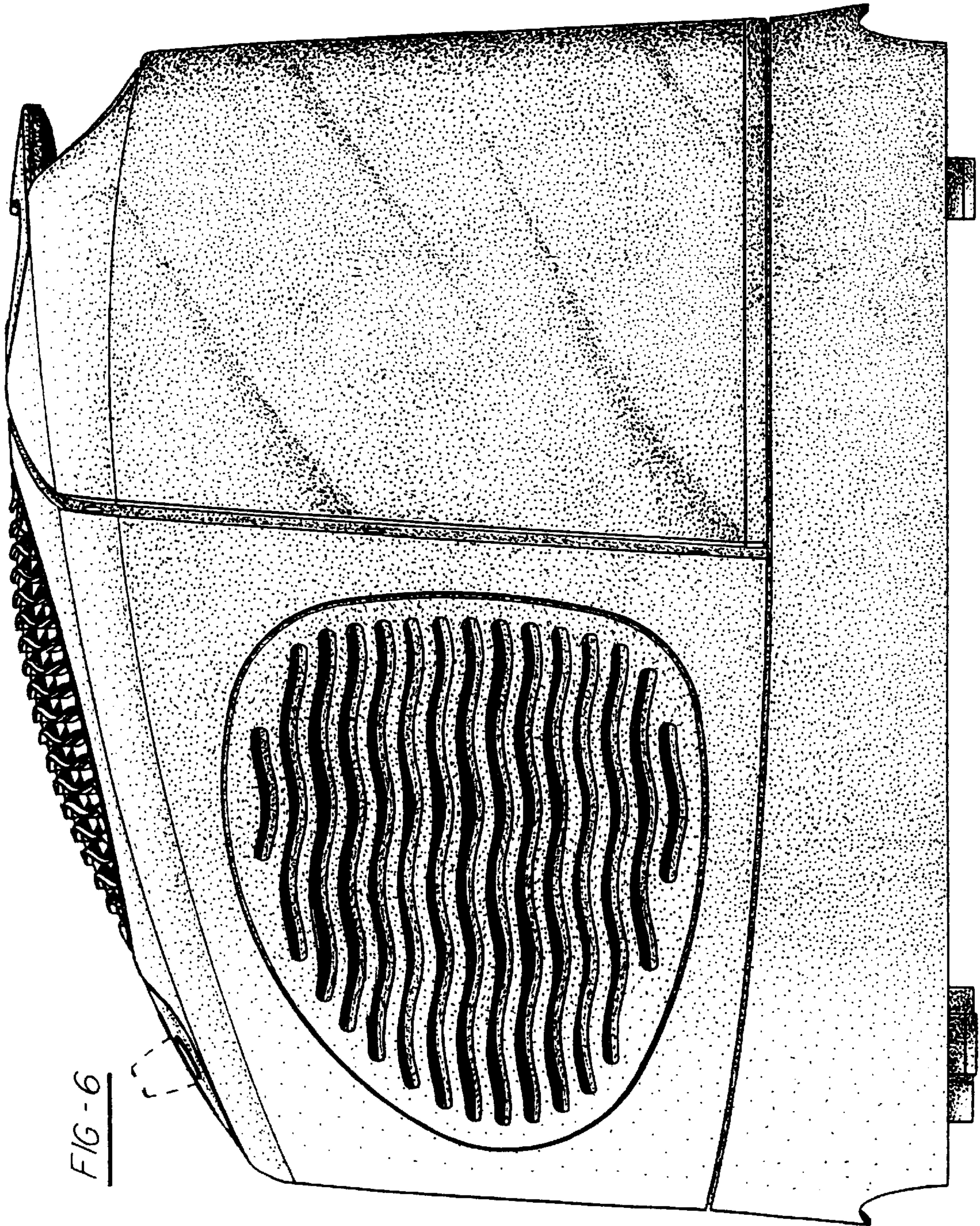


FIG-6

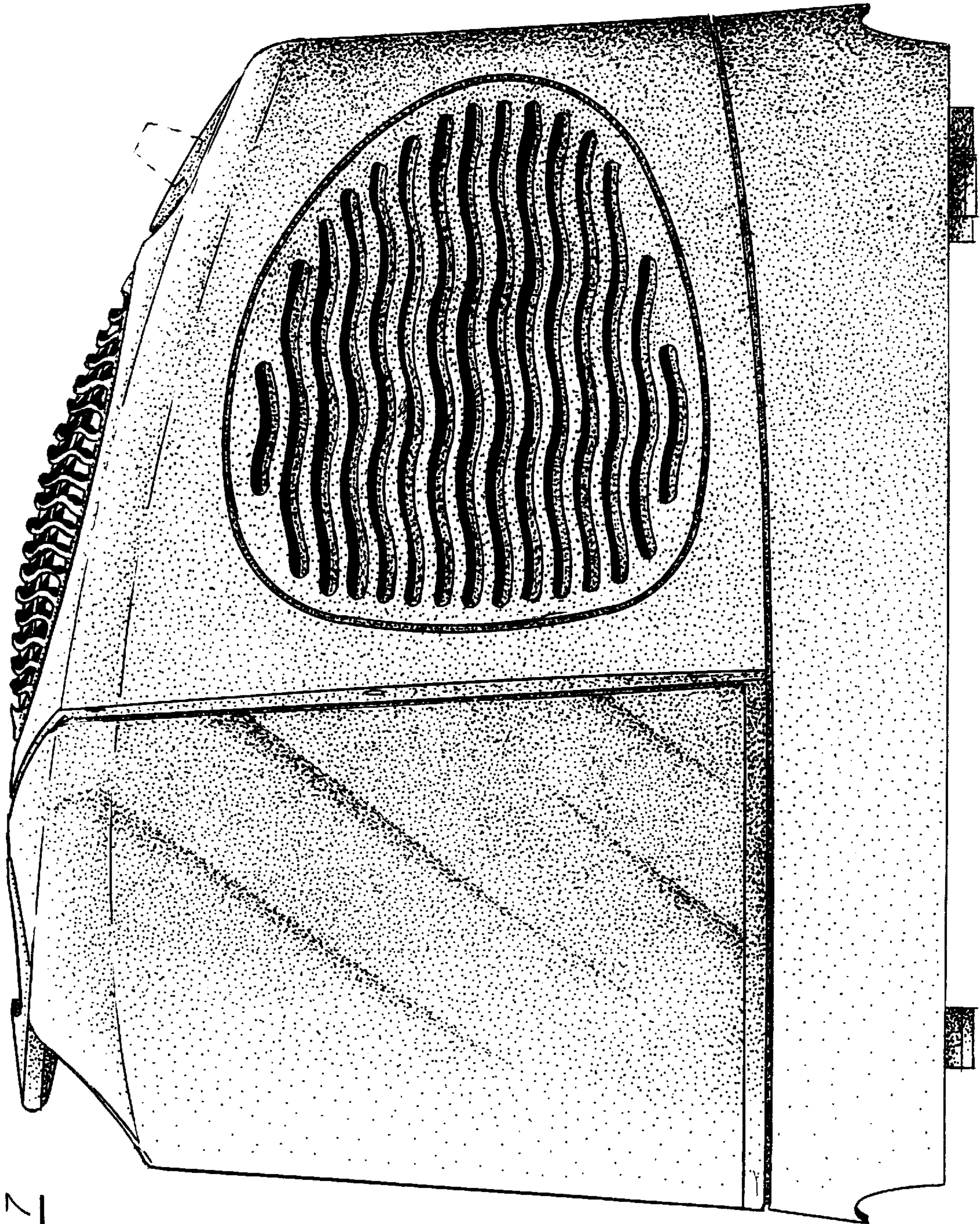
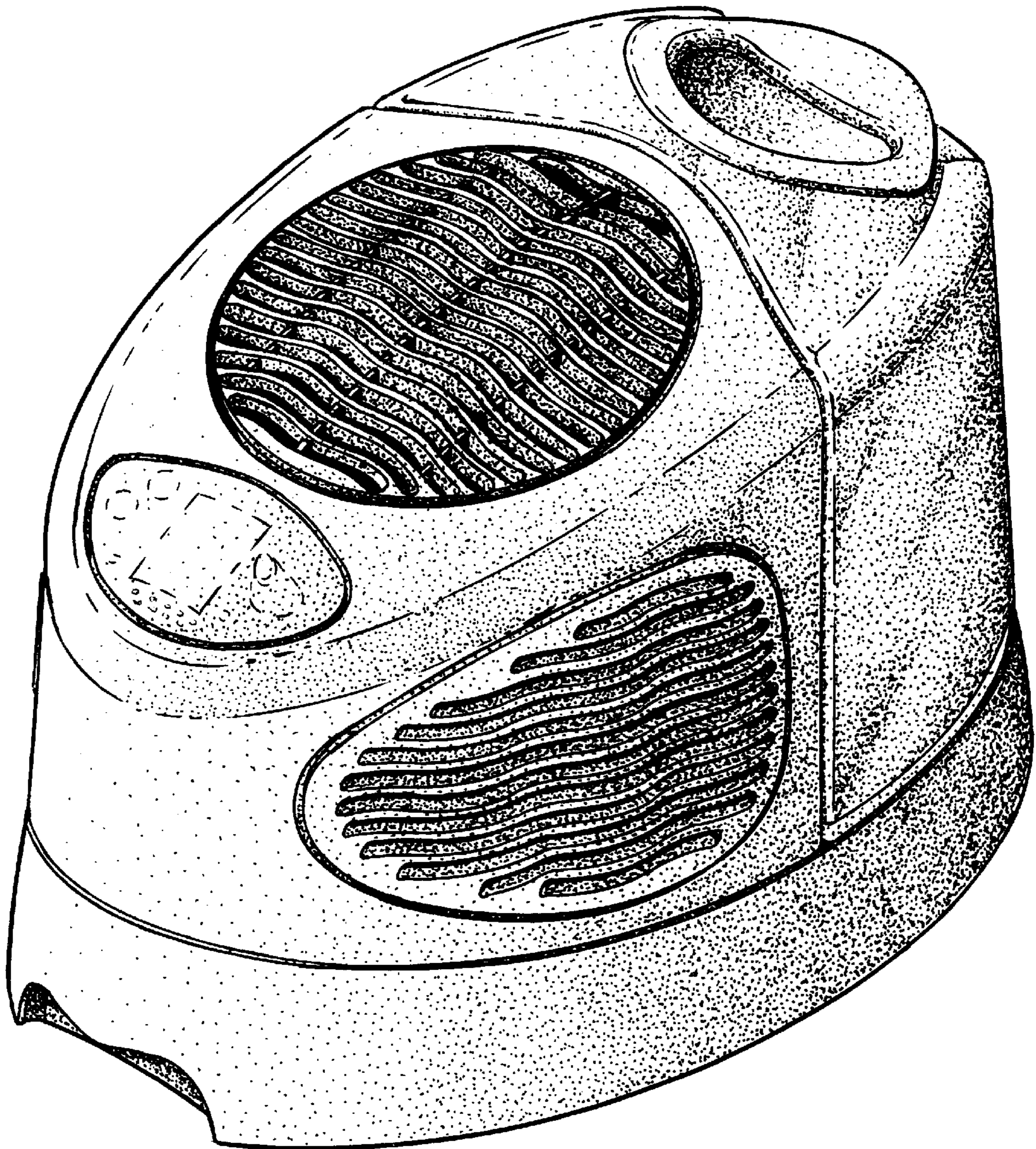


FIG. 7

FIG-8



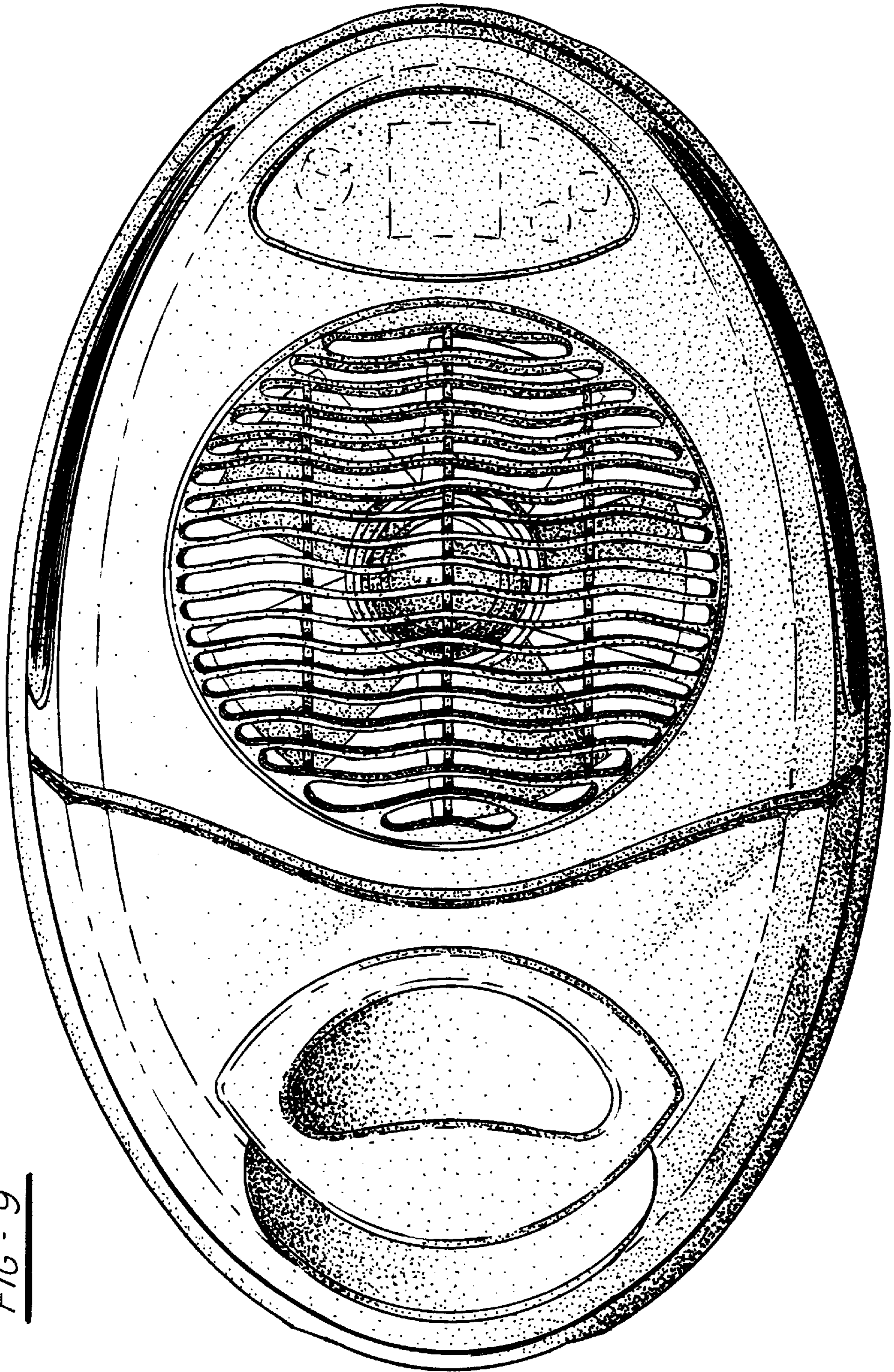


FIG - 9

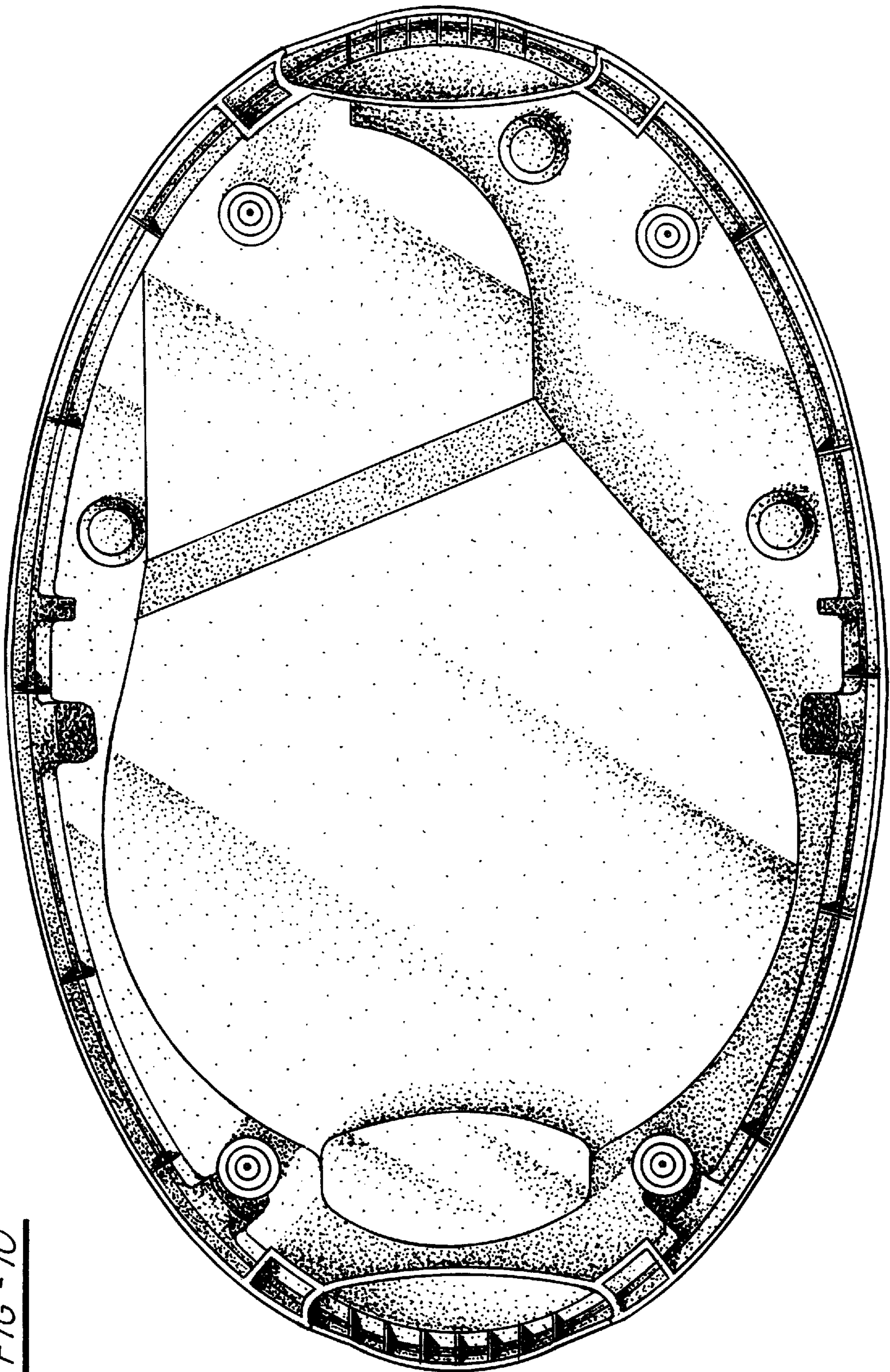


FIG - 10

FIG - 11

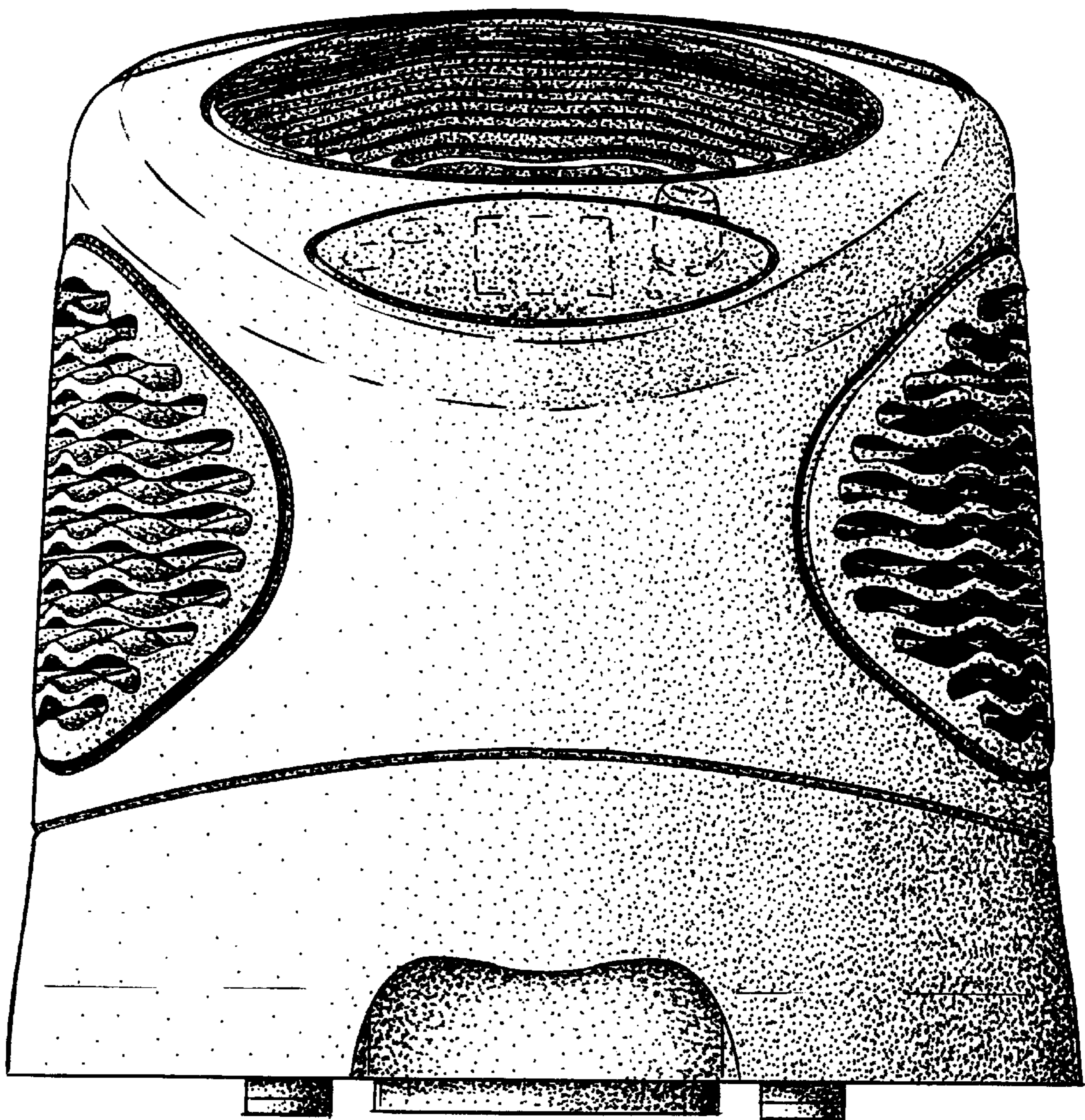
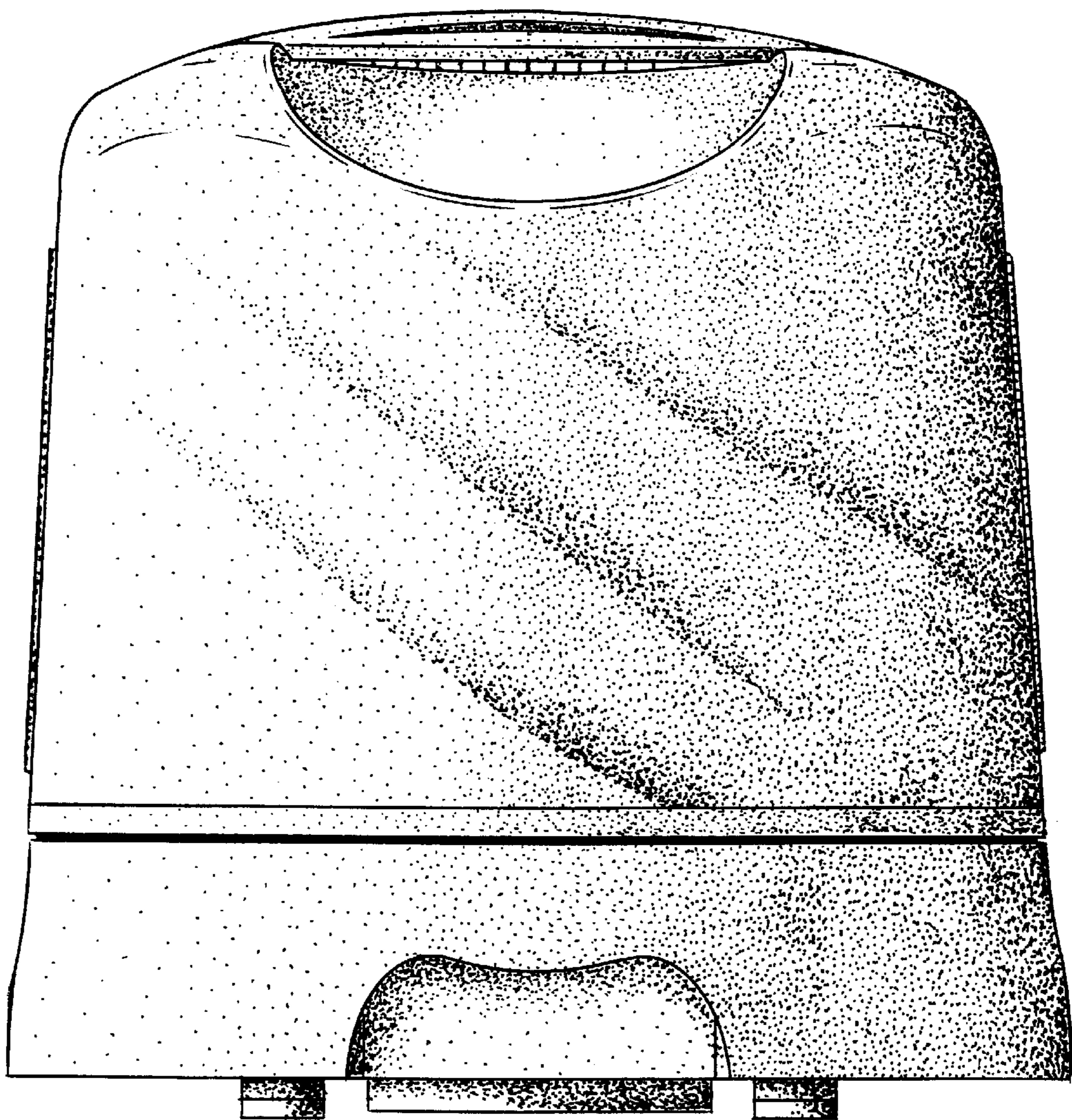


FIG - 12



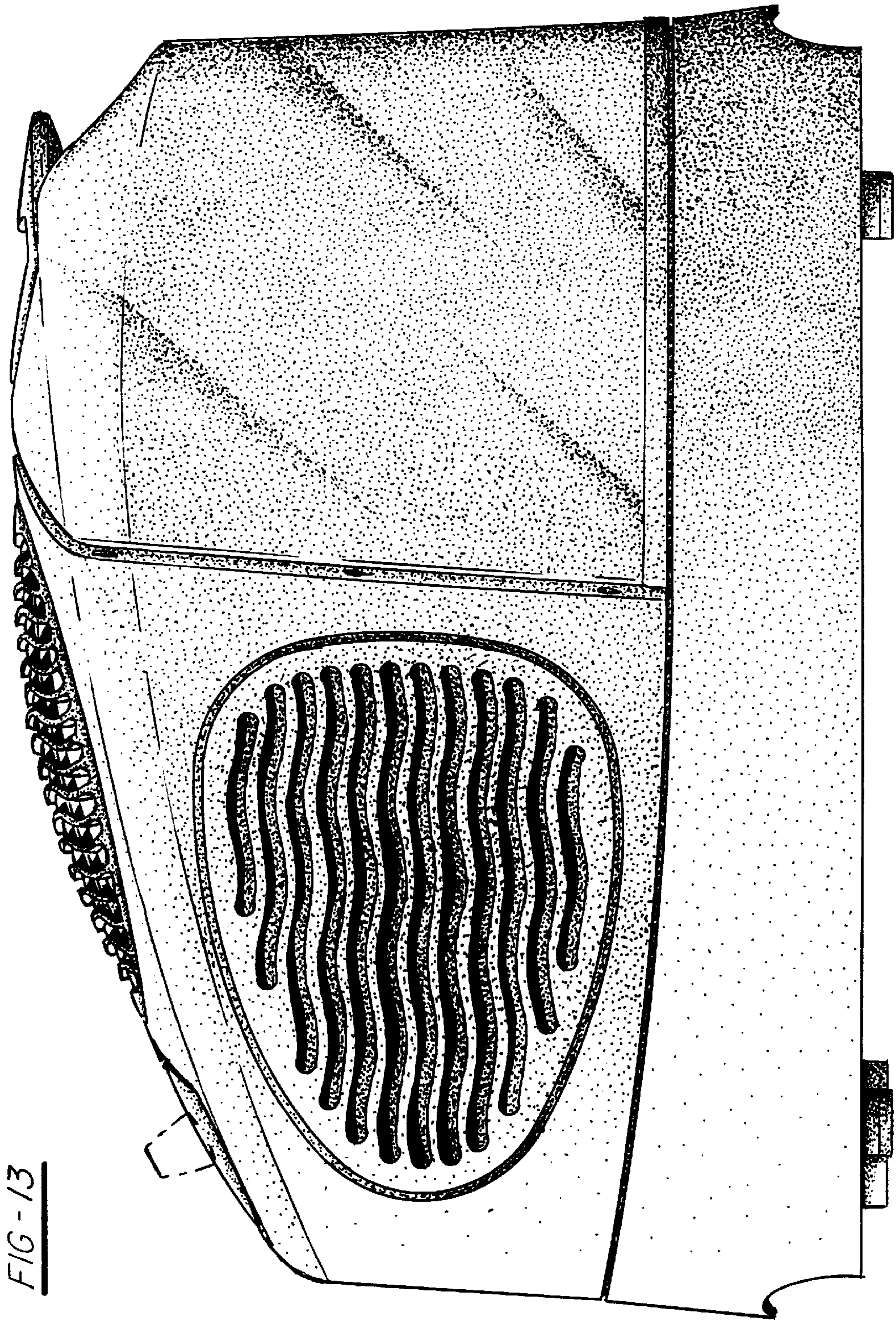


FIG - 13

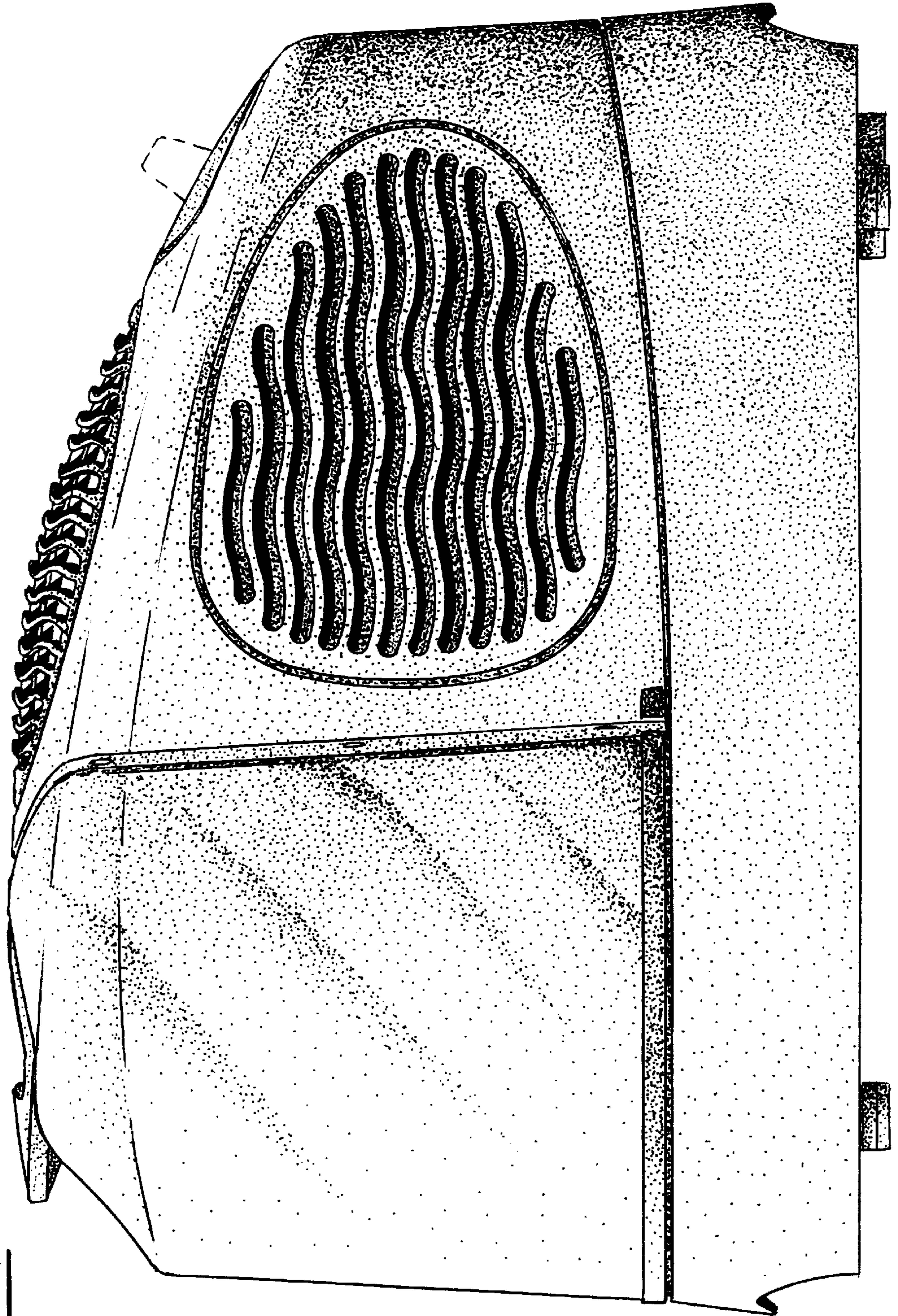


FIG - 14