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

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(54) **REFRIGERANT RECOVERY SYSTEM CASE**

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Bloomington, MN (US)

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

(21) Appl. No.: **29/127,496**

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(51) **LOC (7) Cl.** ..... **15-07**

(52) **U.S. Cl.** ..... **D15/79**

(58) **Field of Search** ..... D9/527, 531, 535;  
D15/79, 89; D23/207, 209, 332, 342; 62/77,  
79, 149

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D. 301,689	*	6/1989	Fick et al. ....	D9/524
D. 344,527		2/1994	Drago et al. ....	D15/79
D. 358,548	*	5/1995	Platte .....	D9/527
D. 376,876	*	12/1996	McInnes .....	D30/121
D. 377,179		1/1997	Sundheim et al. ....	D15/79
D. 382,885	*	8/1997	Deiner et al. ....	D15/79
D. 394,499	*	5/1998	Bettag et al. ....	D23/332
D. 433,346	*	11/2000	Evans et al. ....	D10/75
2,821,781		2/1958	Zeiler .	
4,878,356		11/1989	Punches et al. ....	62/149
5,090,211		2/1992	Peters .....	62/149

5,101,637	4/1992	Daily .....	62/50.2
5,218,831	6/1993	Keltner .....	62/77
5,226,300	7/1993	Christensen et al. ....	62/77
5,423,702	6/1995	Butler .....	440/88
5,540,254	7/1996	McGowan et al. ....	137/315

**OTHER PUBLICATIONS**

Brochure entitled "Yellow Jacket Refrigerant Recovery Systems" from Ritchie Engineering Company, Inc., copyright 1999.

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a refrigerant recovery system case, as shown.

**DESCRIPTION**

FIG. 1 is a front elevation view of the refrigerant recovery system case;

FIG. 2 is a side elevation view of the refrigerant recovery system case;

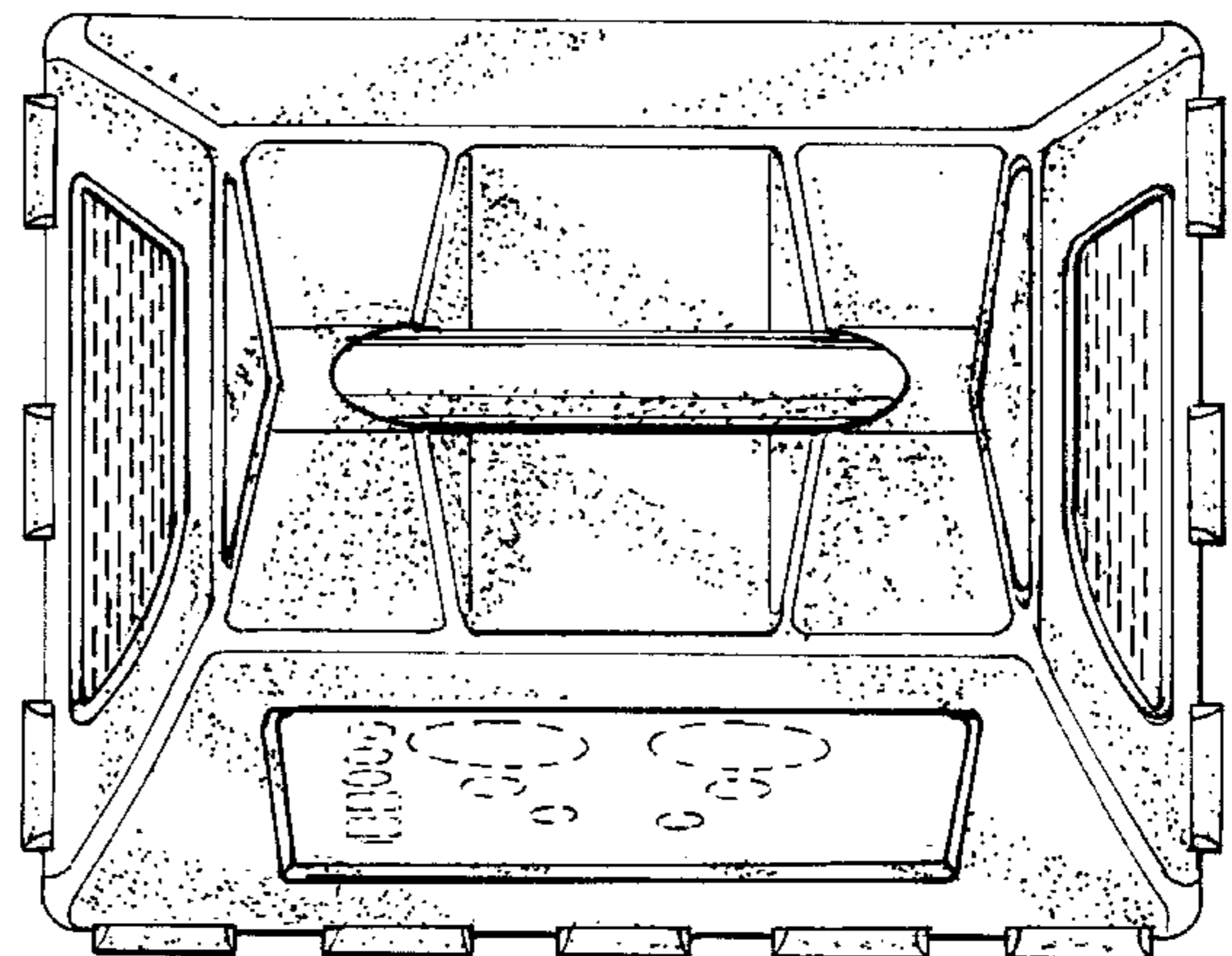
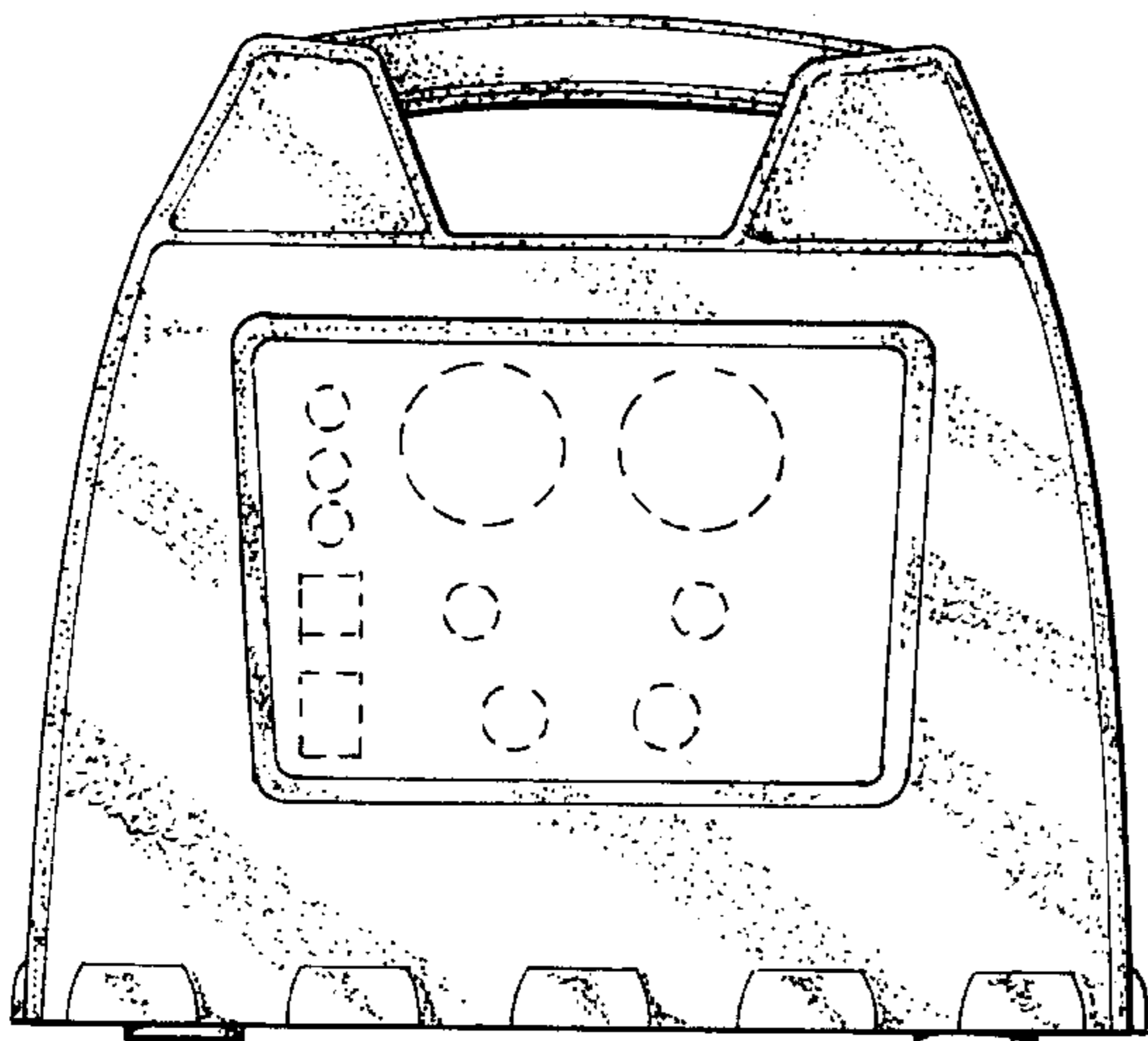
FIG. 3 is a rear elevation view of the refrigerant recovery system case;

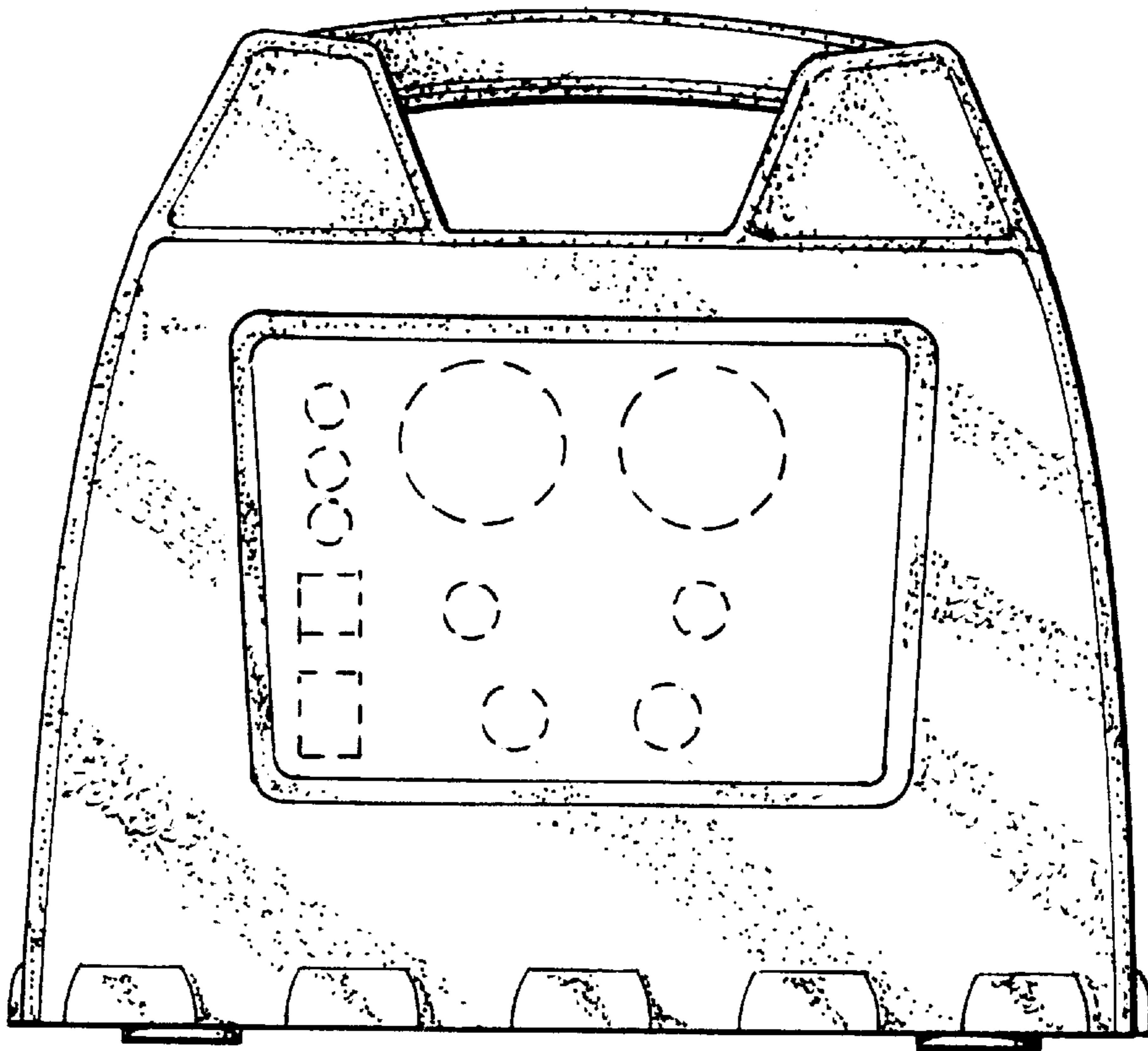
FIG. 4 is an opposite side elevation view of the refrigerant recovery system case;

FIG. 5 is a bottom view of the refrigerant recovery system case; and,

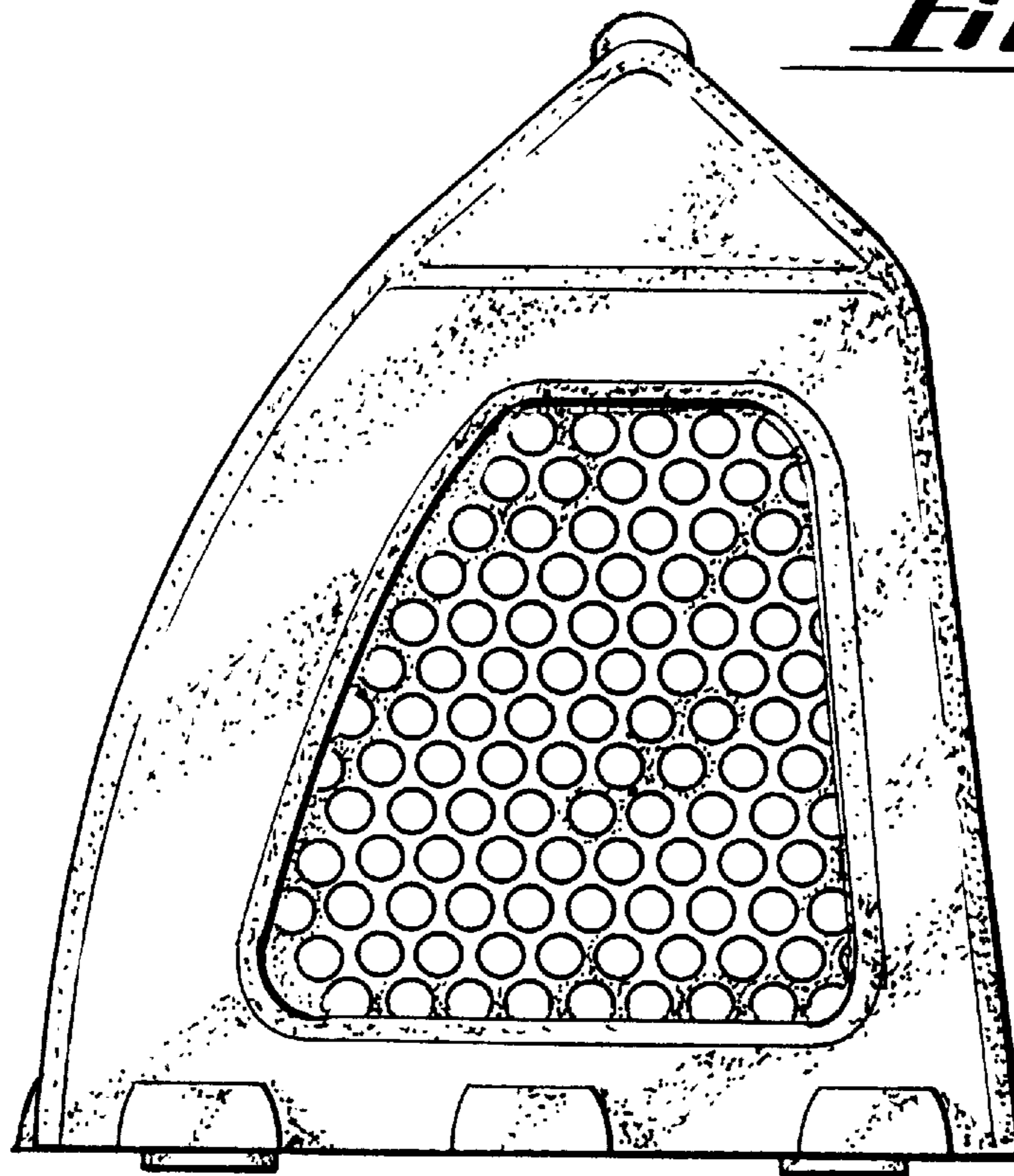
FIG. 6 is a top view of the refrigerant recovery system case.

**1 Claim, 3 Drawing Sheets**

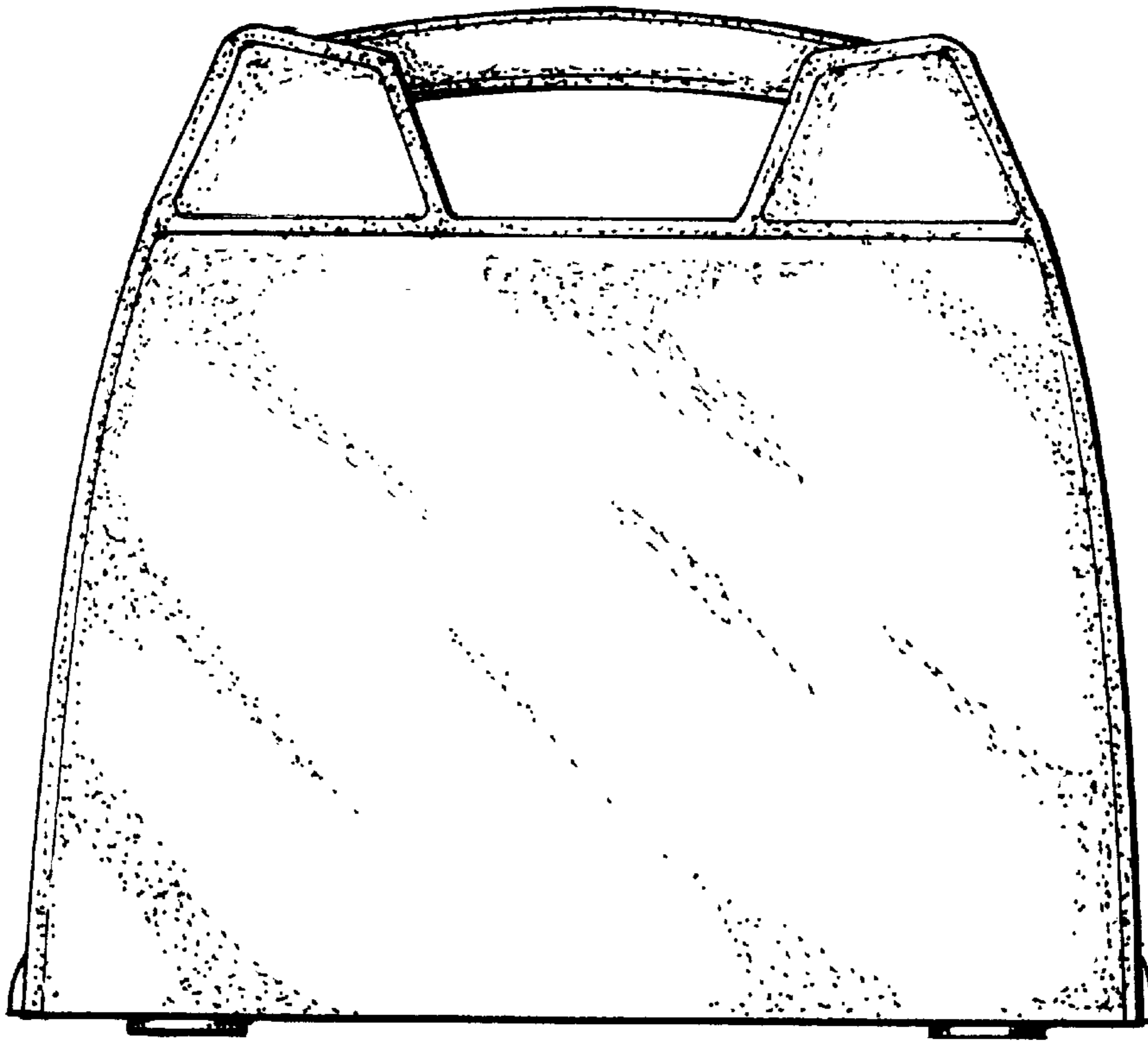




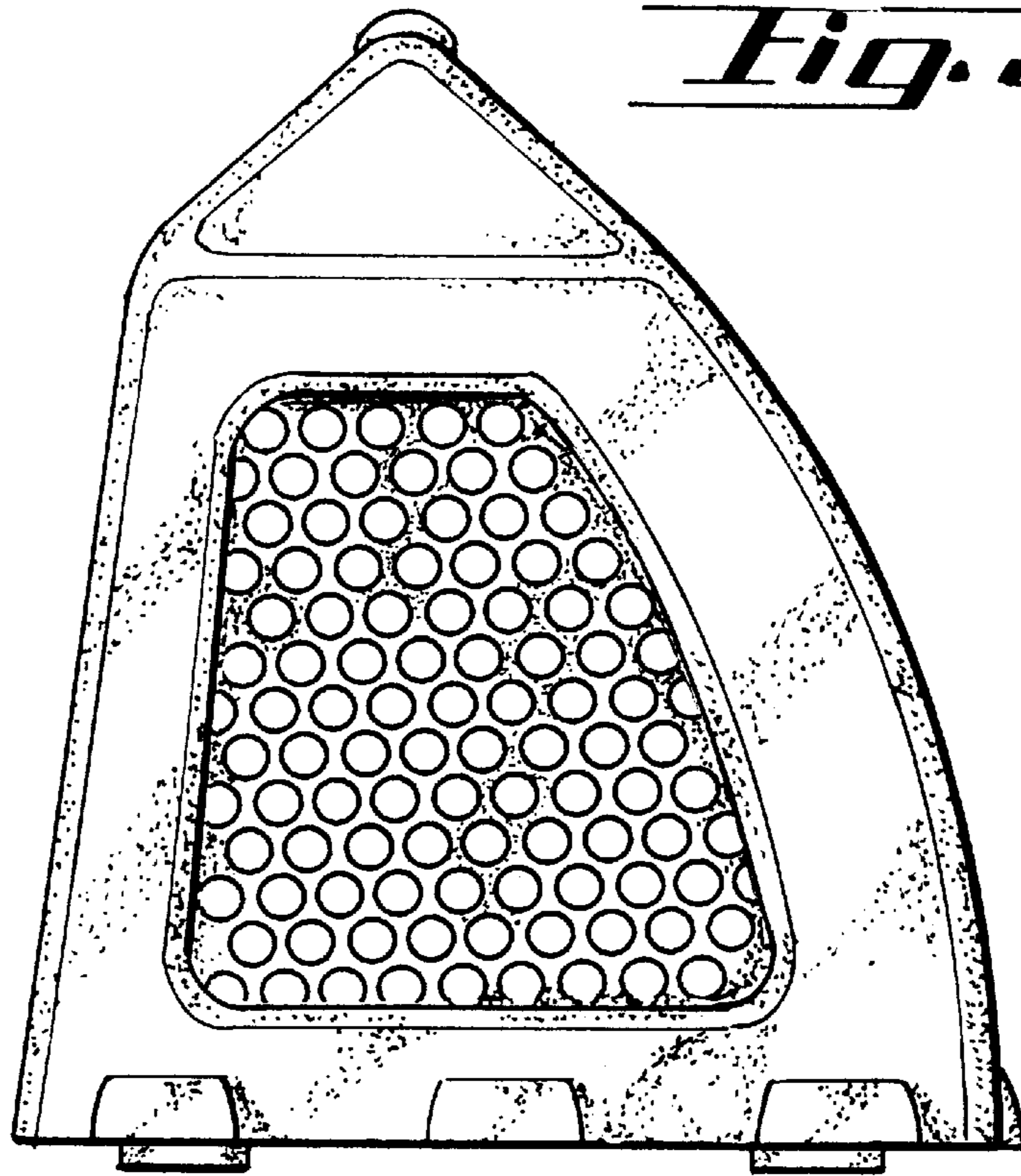
*Fig. 1.*



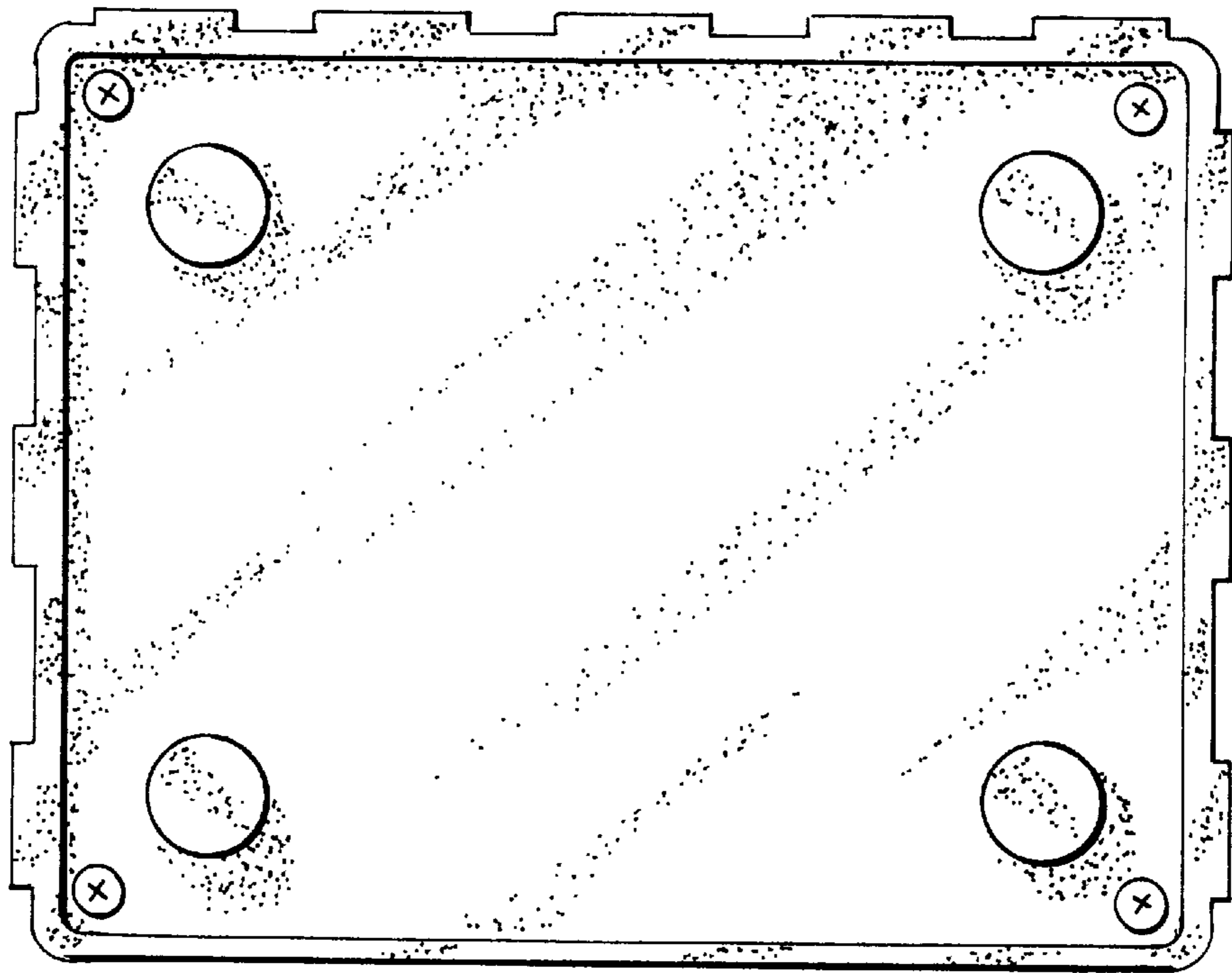
*Fig. 2.*



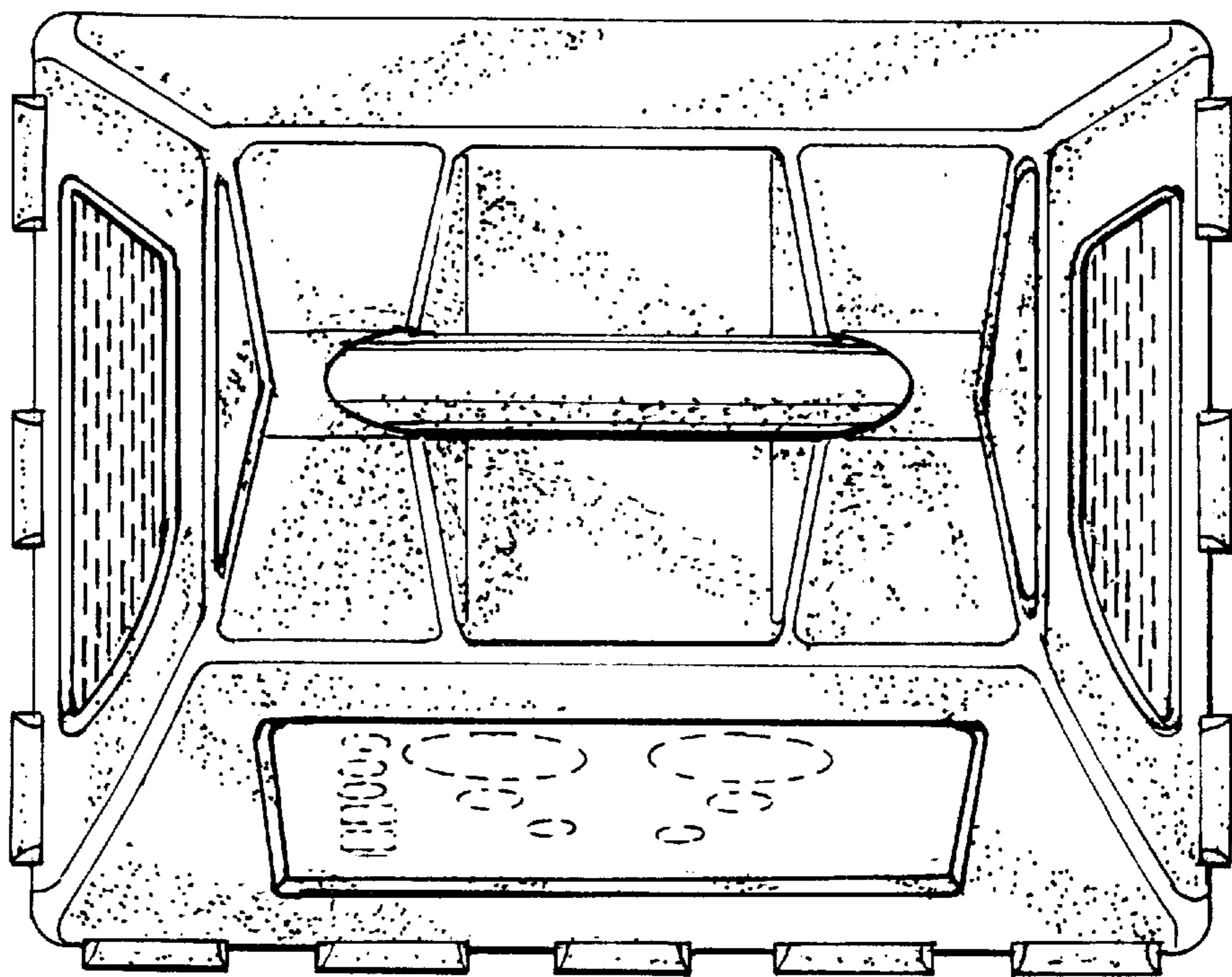
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



*Fig. 6.*