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

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(45) **Date of Patent:** **** Mar. 4, 2014**

(54) **CABINET FOR A FREQUENCY CONVERTER**

(56)

References Cited

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

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(22) Filed: **Oct. 3, 2012**

Related U.S. Application Data

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(30) **Foreign Application Priority Data**

Feb. 24, 2010 (EM) 001673435-0001-0003

(51) **LOC (10) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/110**

(58) **Field of Classification Search**
USPC D13/110, 101, 122, 123, 184, 199;
D15/5; 123/185.1, 185.14; 290/47, 48;
310/89, 109; 361/600, 601, 622, 702,
361/703, 717, 730, 809; 363/141, 142

See application file for complete search history.

U.S. PATENT DOCUMENTS

D380,193	S	*	6/1997	Yamaguchi et al.	D13/110
D403,301	S	*	12/1998	Lehmann et al.	D13/110
6,249,435	B1	*	6/2001	Vicente et al.	361/717
D449,817	S	*	10/2001	Takeuchi et al.	D13/110
D455,399	S	*	4/2002	Imamura et al.	D13/110
D455,714	S	*	4/2002	Kim	D13/110
6,650,559	B1	*	11/2003	Okamoto et al.	363/141
D502,916	S	*	3/2005	Higuchi et al.	D13/110
D541,745	S	*	5/2007	Virolainen et al.	D13/110
D586,744	S	*	2/2009	Jaskari	D13/110
D595,225	S	*	6/2009	Juva	D13/110

* cited by examiner

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(57) **CLAIM**

The ornamental design for a cabinet for a frequency converter, as shown and described.

DESCRIPTION

FIG. 1 is a perspective top, front and left side view of a cabinet for a frequency converter showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a right side view thereof;

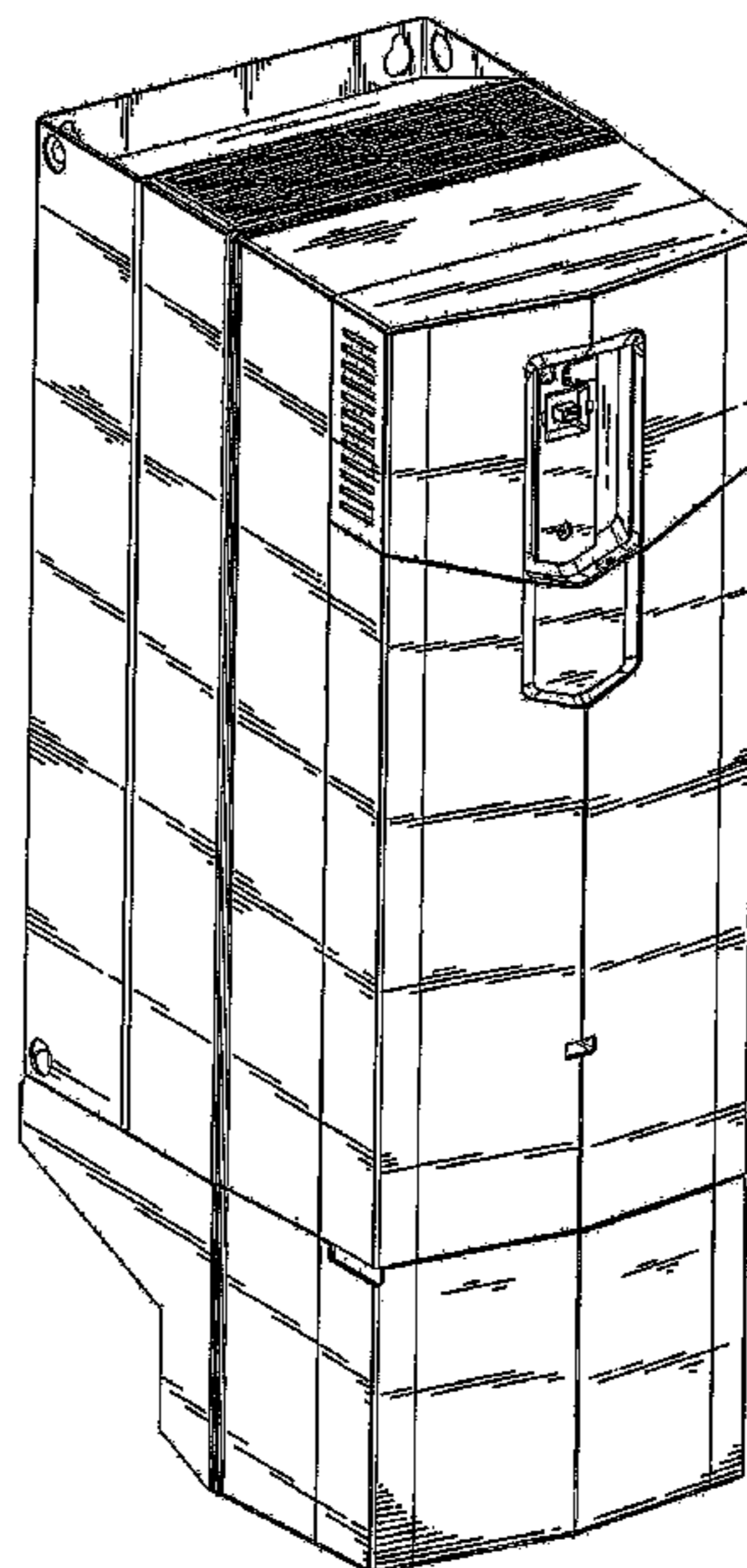
FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof; and,

FIG. 7 is a rear view thereof.

The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



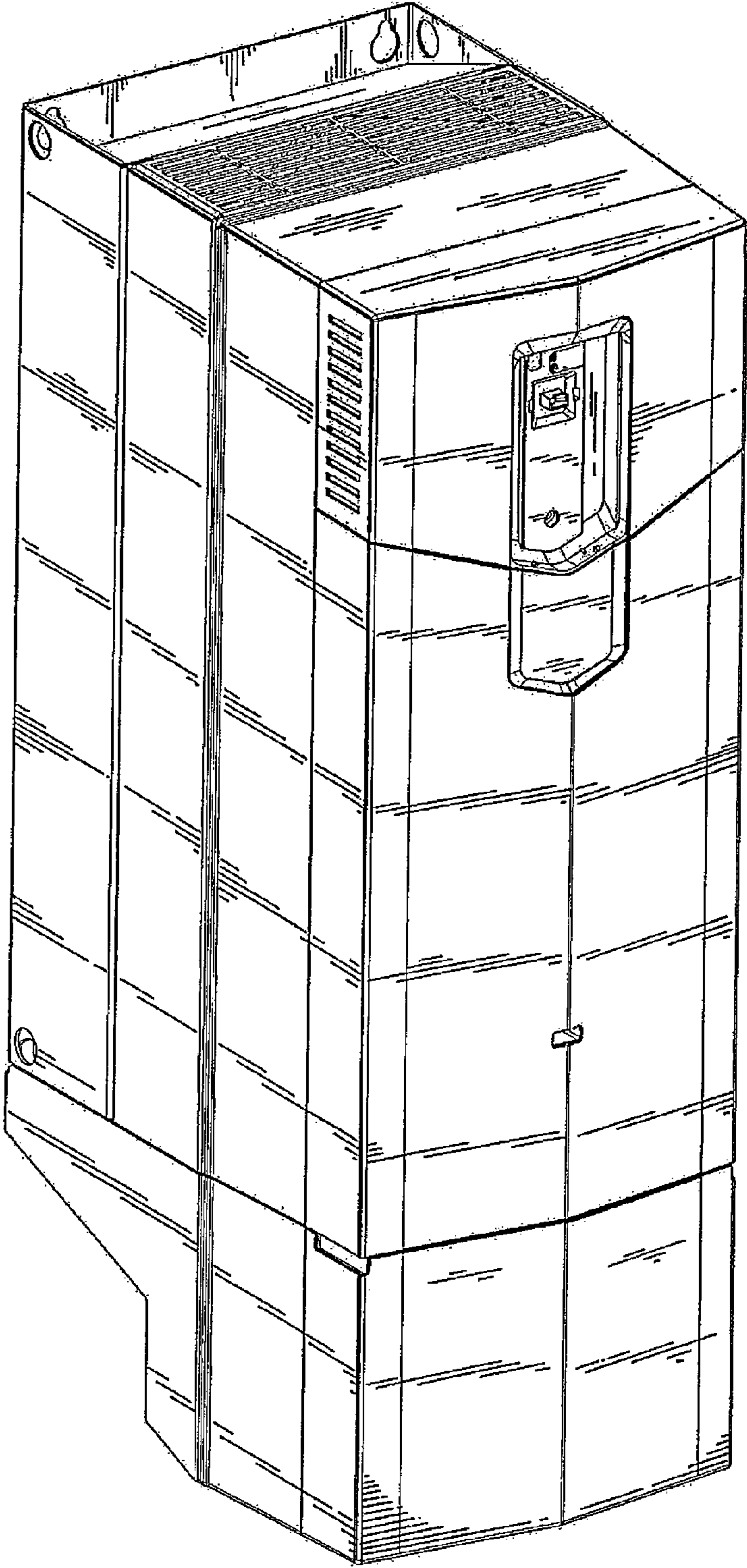


Fig. 1

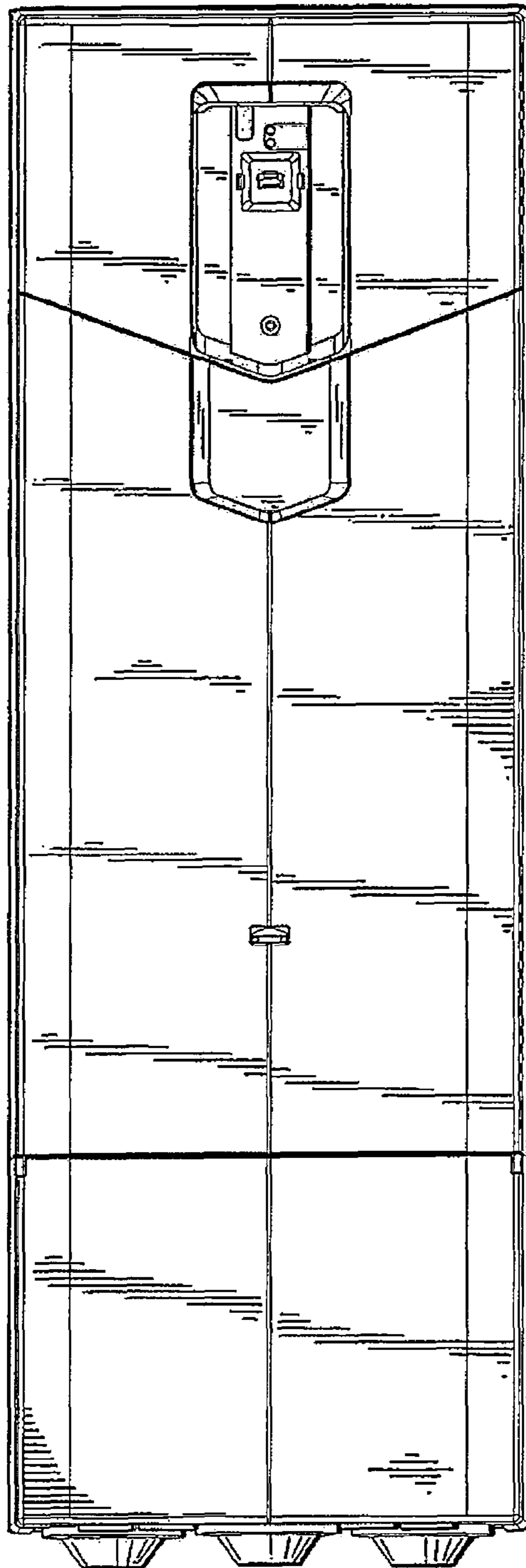


Fig. 2

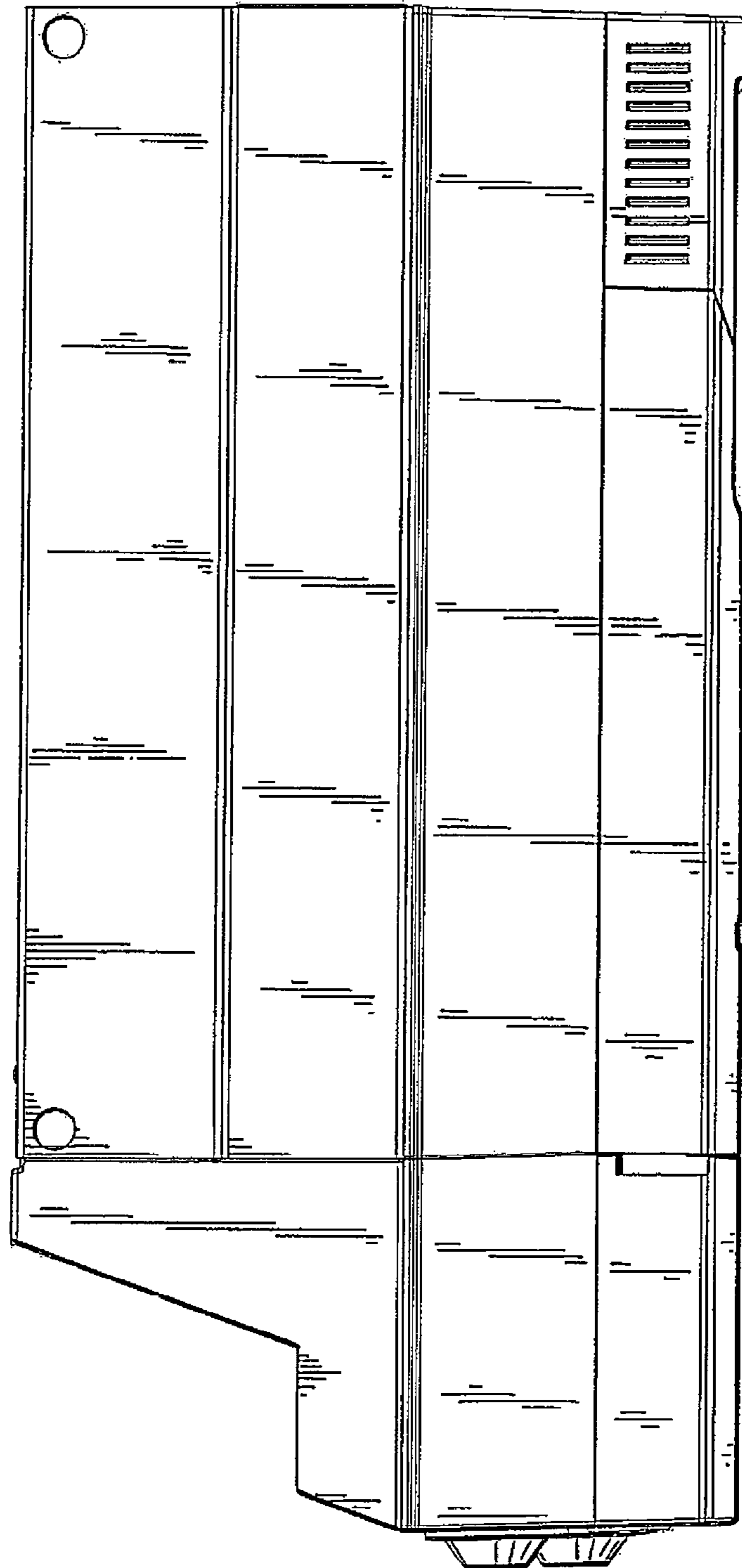


Fig. 3

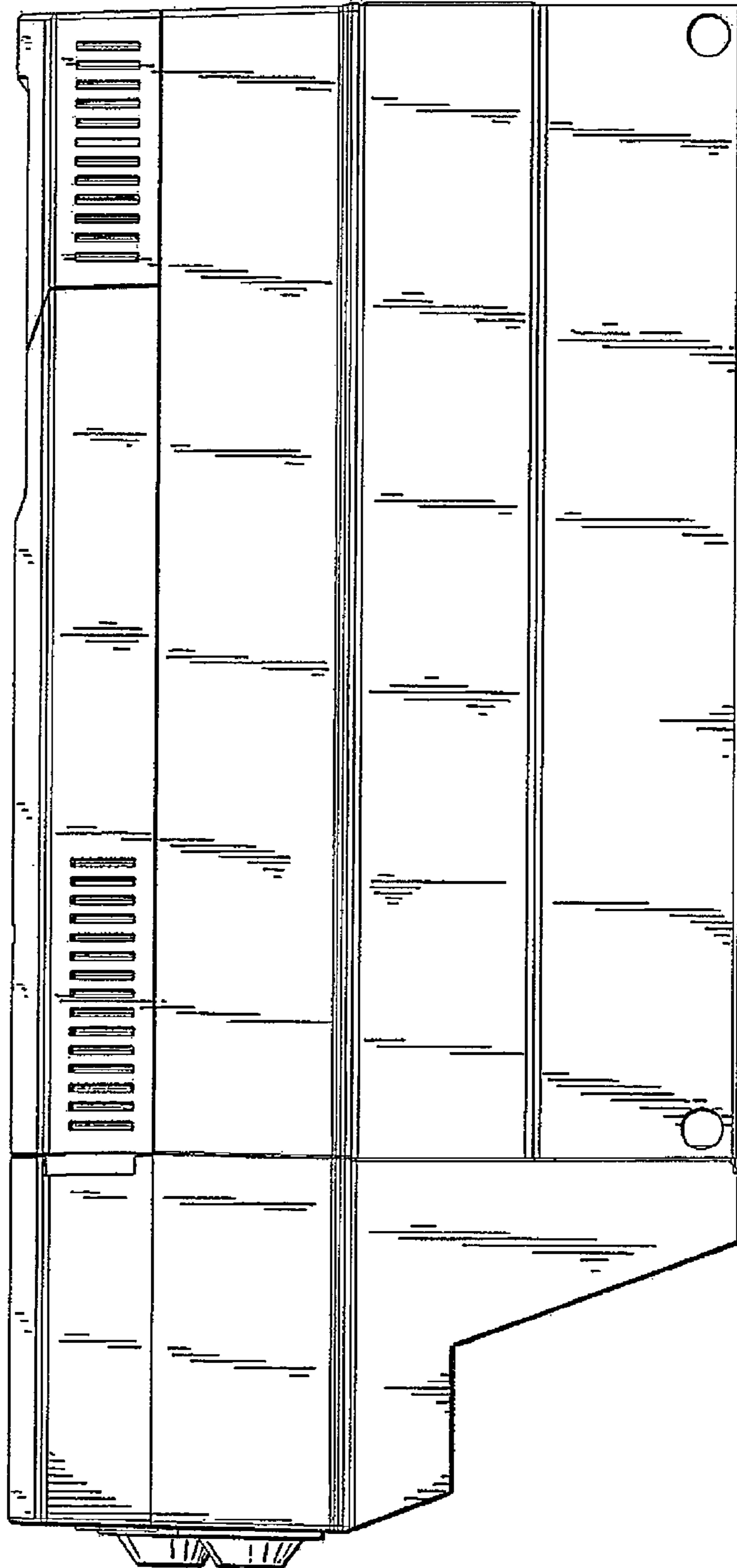


Fig. 4

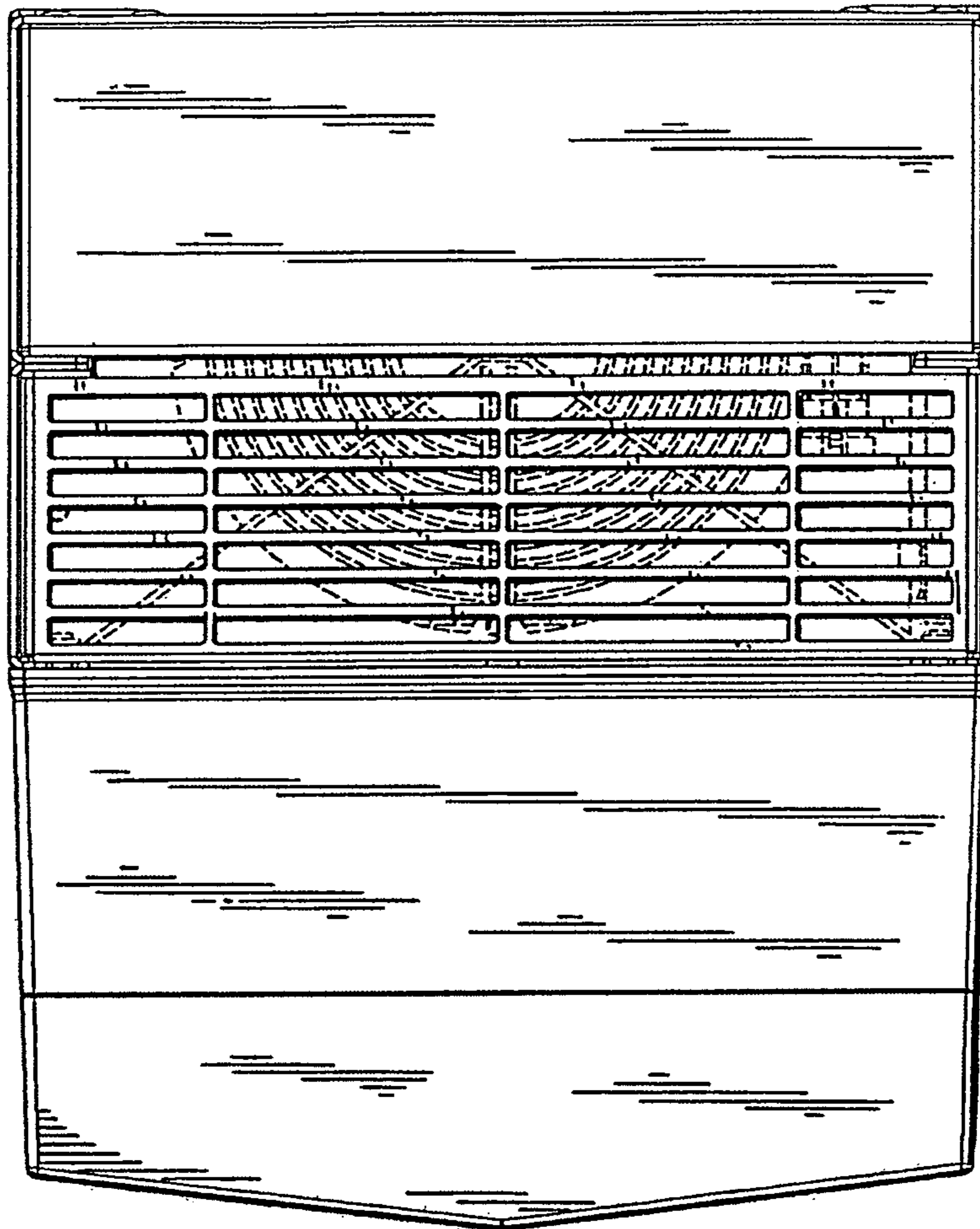


Fig. 5

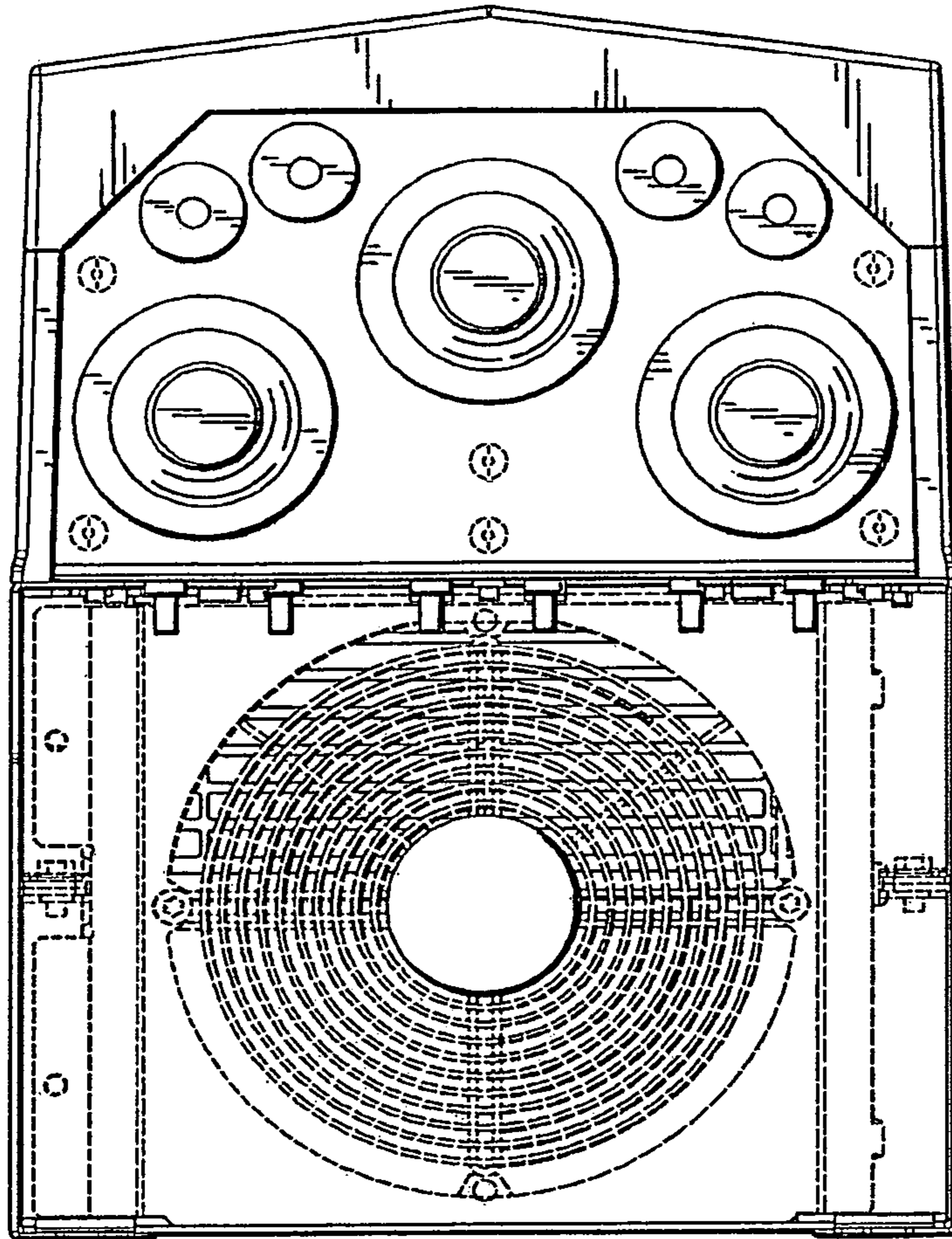


Fig. 6

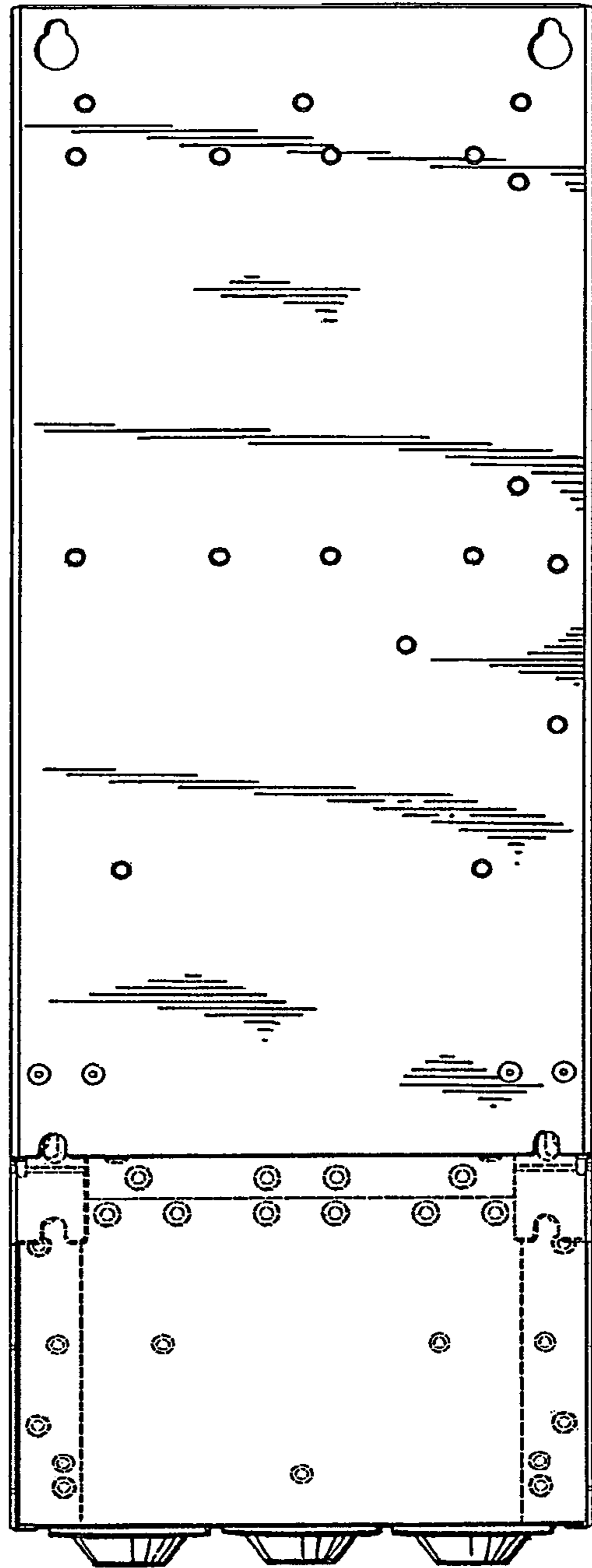


Fig. 7