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(12) **United States Design Patent**
Perin

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(54) **FREQUENCY CONVERTER**

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

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

(30) **Foreign Application Priority Data**

May 22, 2012 (EM) 002045153-0001

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

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

(58) **Field of Classification Search**
USPC D13/110, 101, 123, 162, 184, 199;
D14/348, 349, 353, 357, 358; 361/600,
361/601, 707, 715, 730; 363/15, 35, 141,
363/157, 174, 175, 177
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D358,753 S * 5/1995 Yoshida et al. D13/123

D409,139 S *	5/1999	Cornell et al.	D13/110
D455,714 S *	4/2002	Kim	D13/110
D541,745 S *	5/2007	Violainen et al.	D13/110
D558,141 S *	12/2007	Kwon	D13/110
D560,607 S *	1/2008	Suematsu et al.	D13/110
D562,234 S *	2/2008	Morihara et al.	D13/110
D569,795 S *	5/2008	Higuchi	D13/110
D573,945 S *	7/2008	Park	D13/110
D586,744 S *	2/2009	Jaskari	D13/110
D606,017 S *	12/2009	Charlson et al.	D13/110

* cited by examiner

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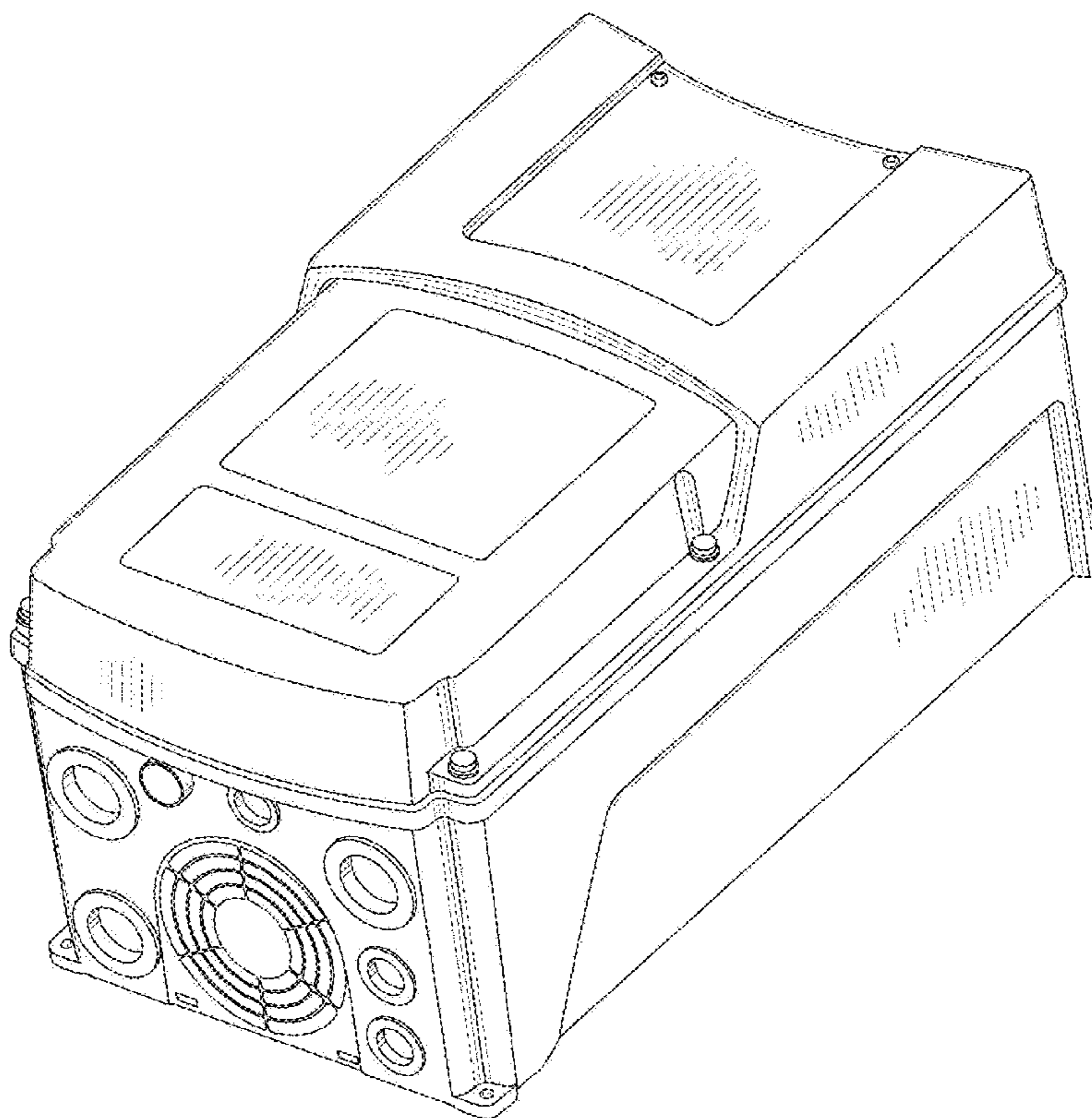
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top perspective view of the frequency converter, showing my new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 right side elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 7 Drawing Sheets



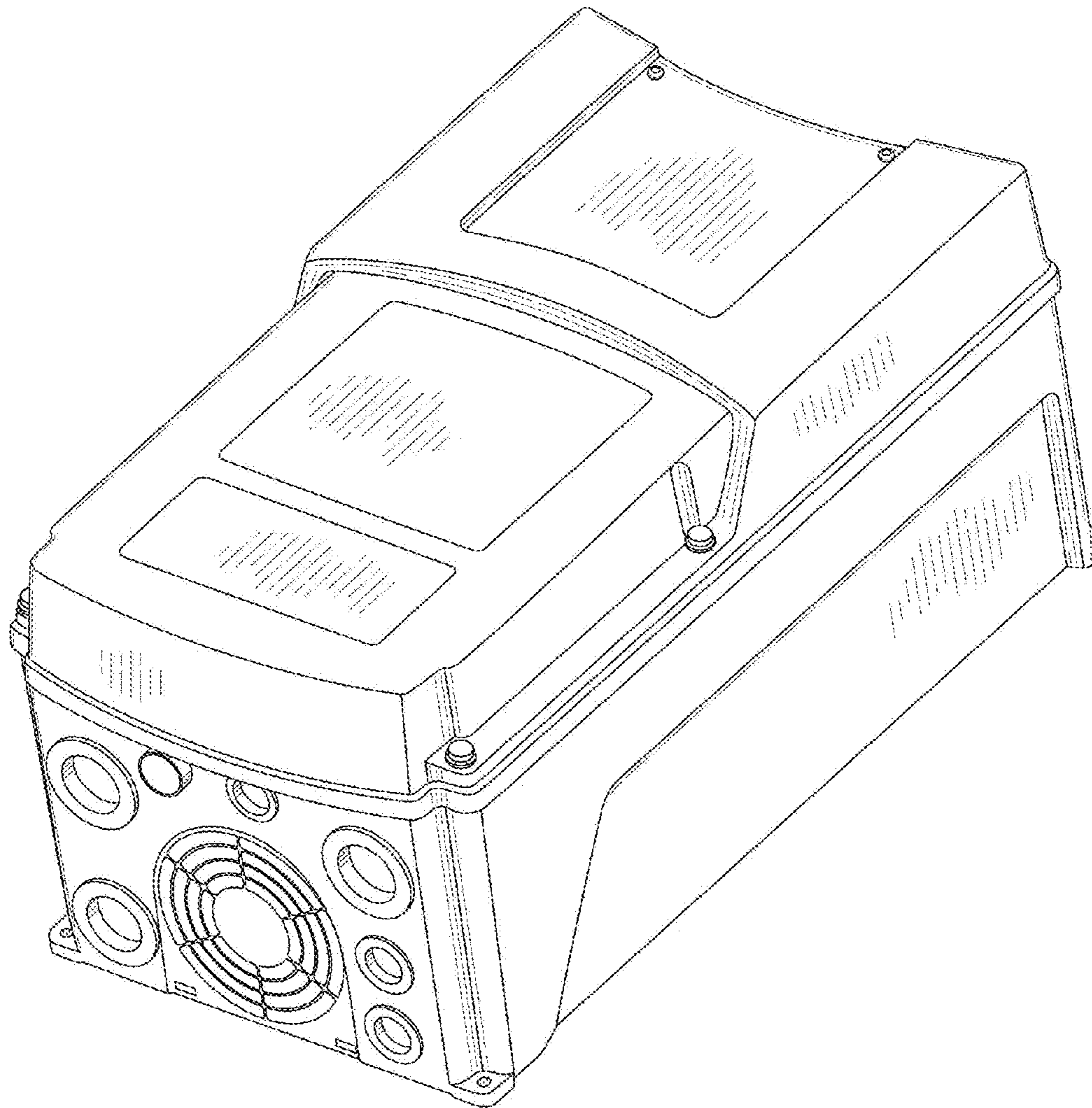


FIG. 1

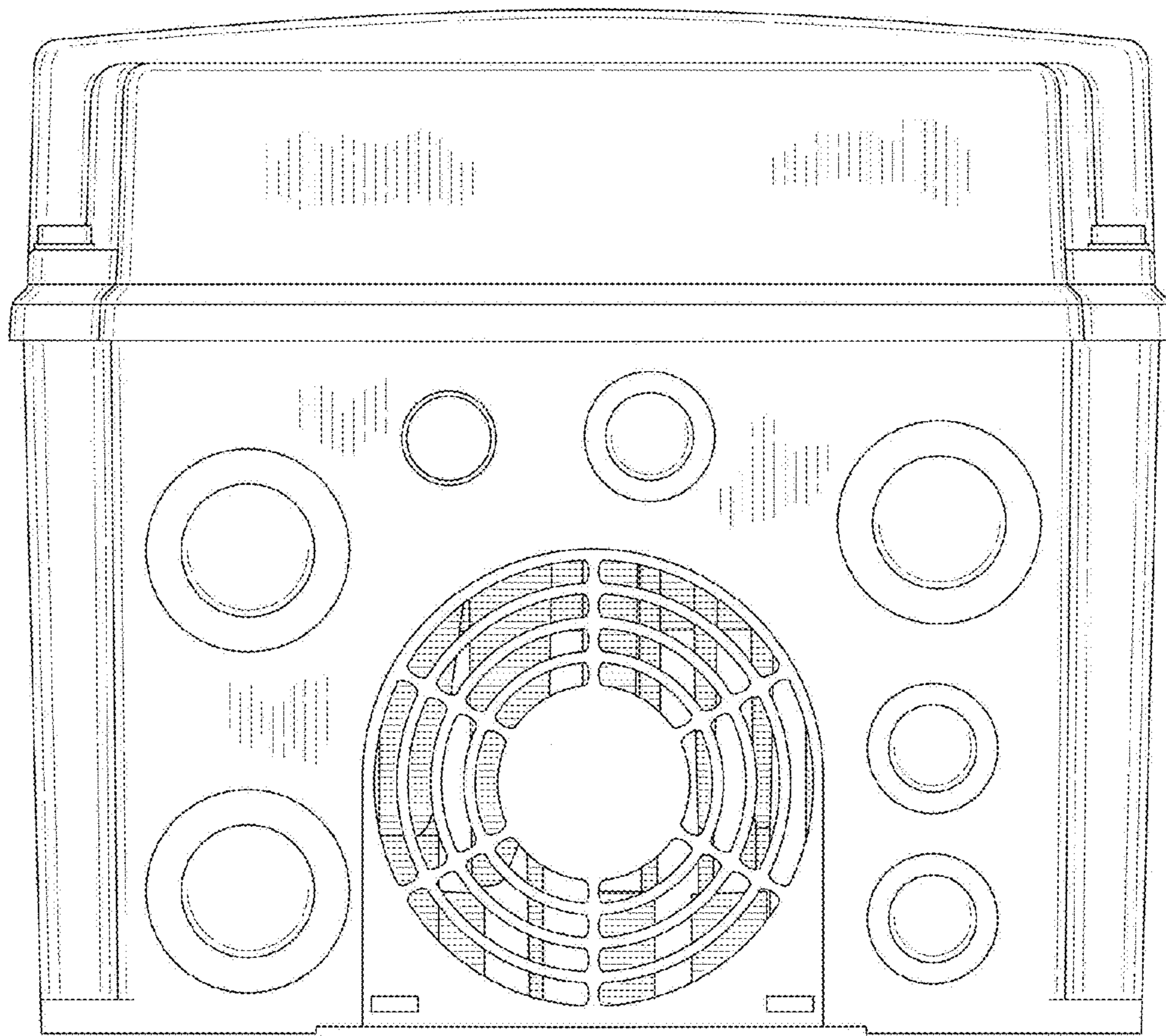


FIG. 2

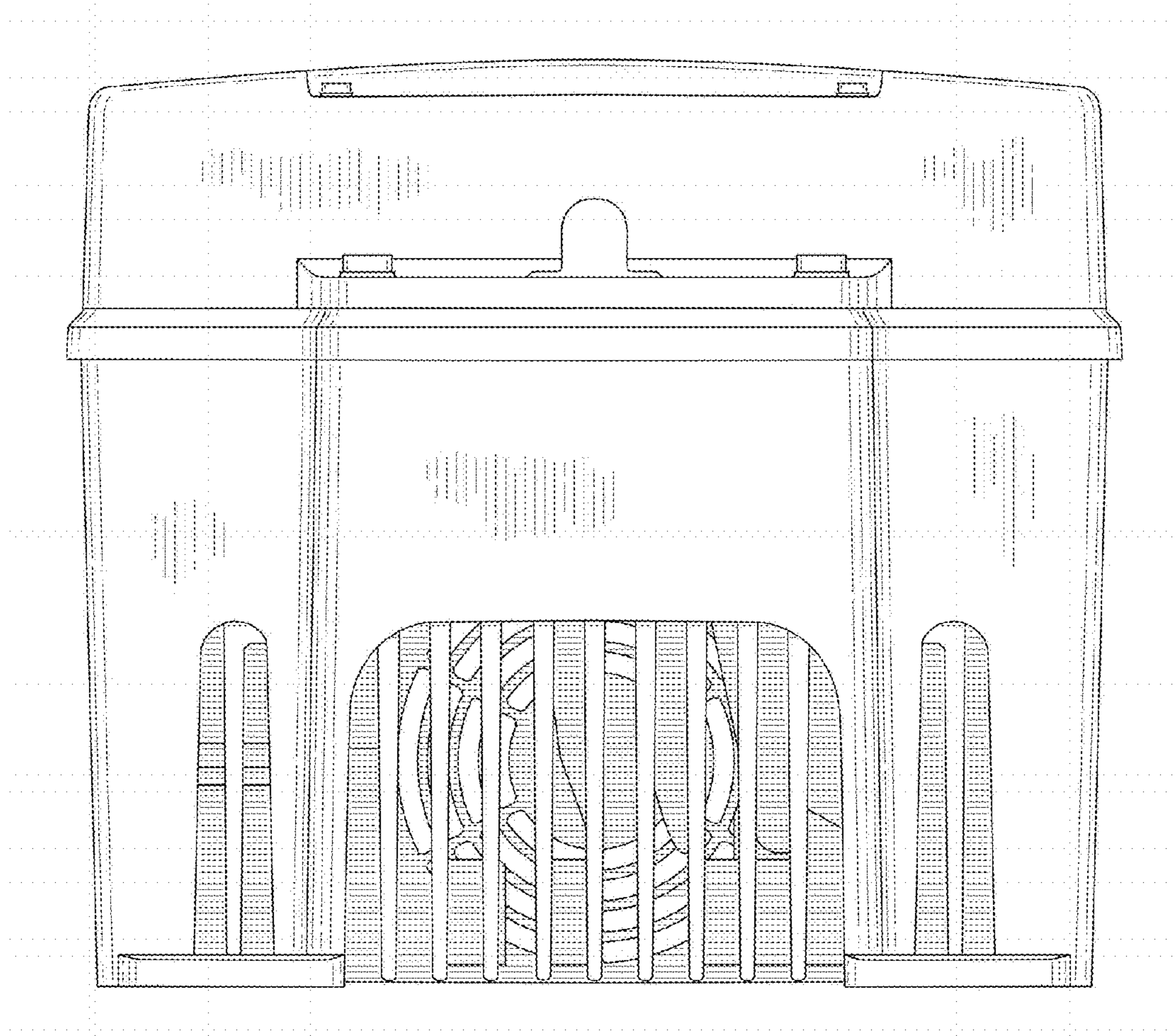


FIG. 3

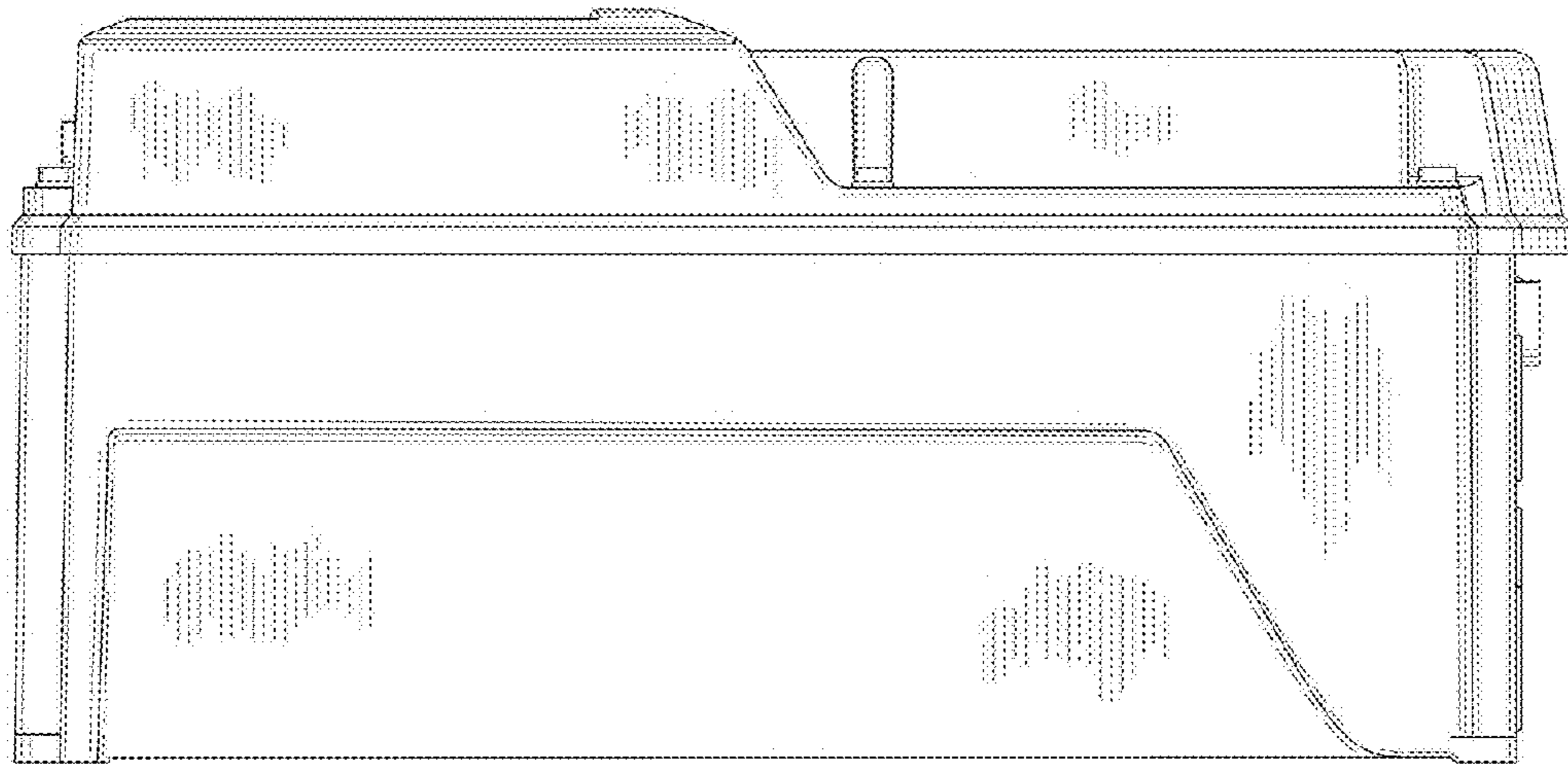


FIG. 4

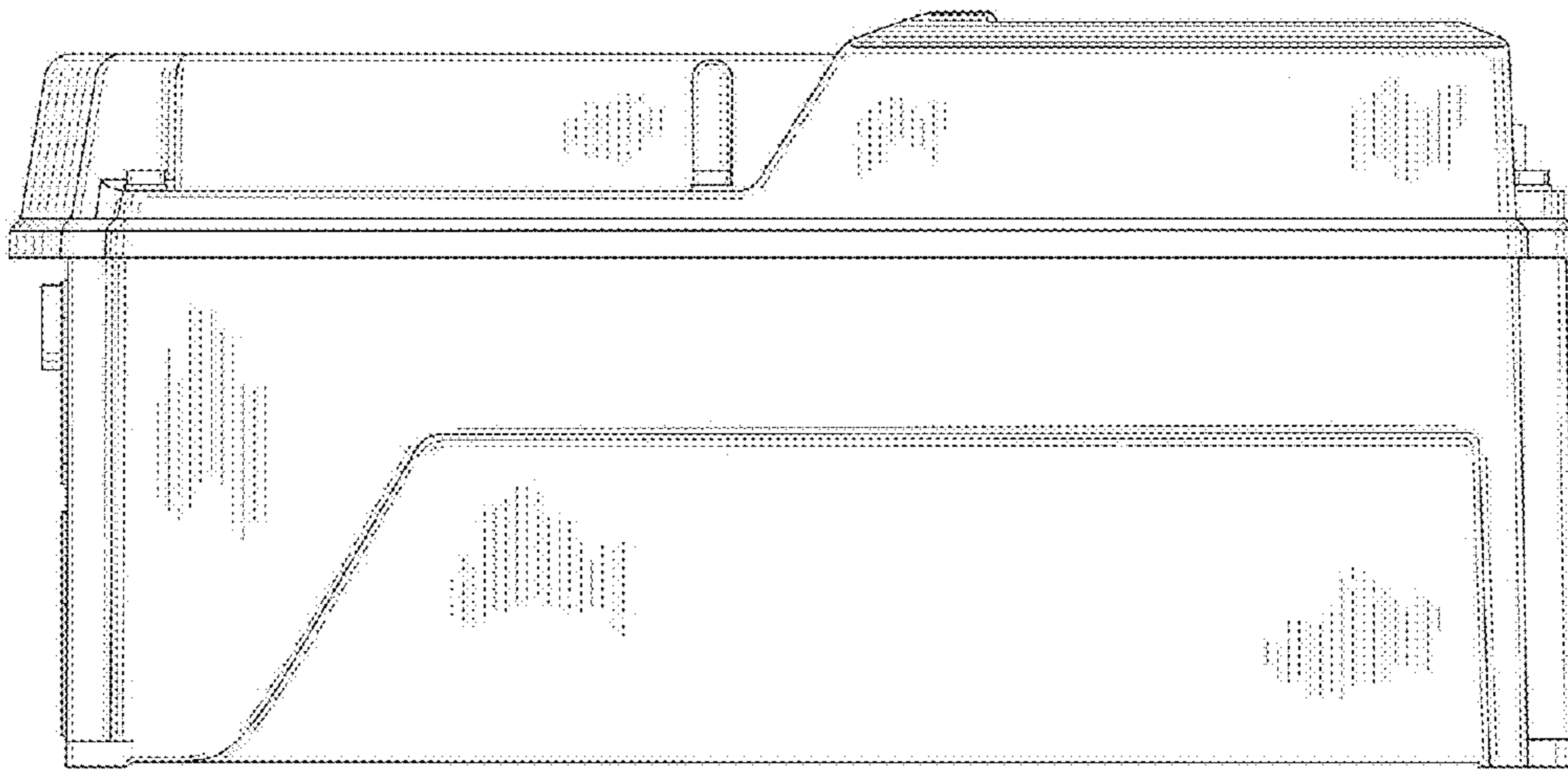


FIG. 5

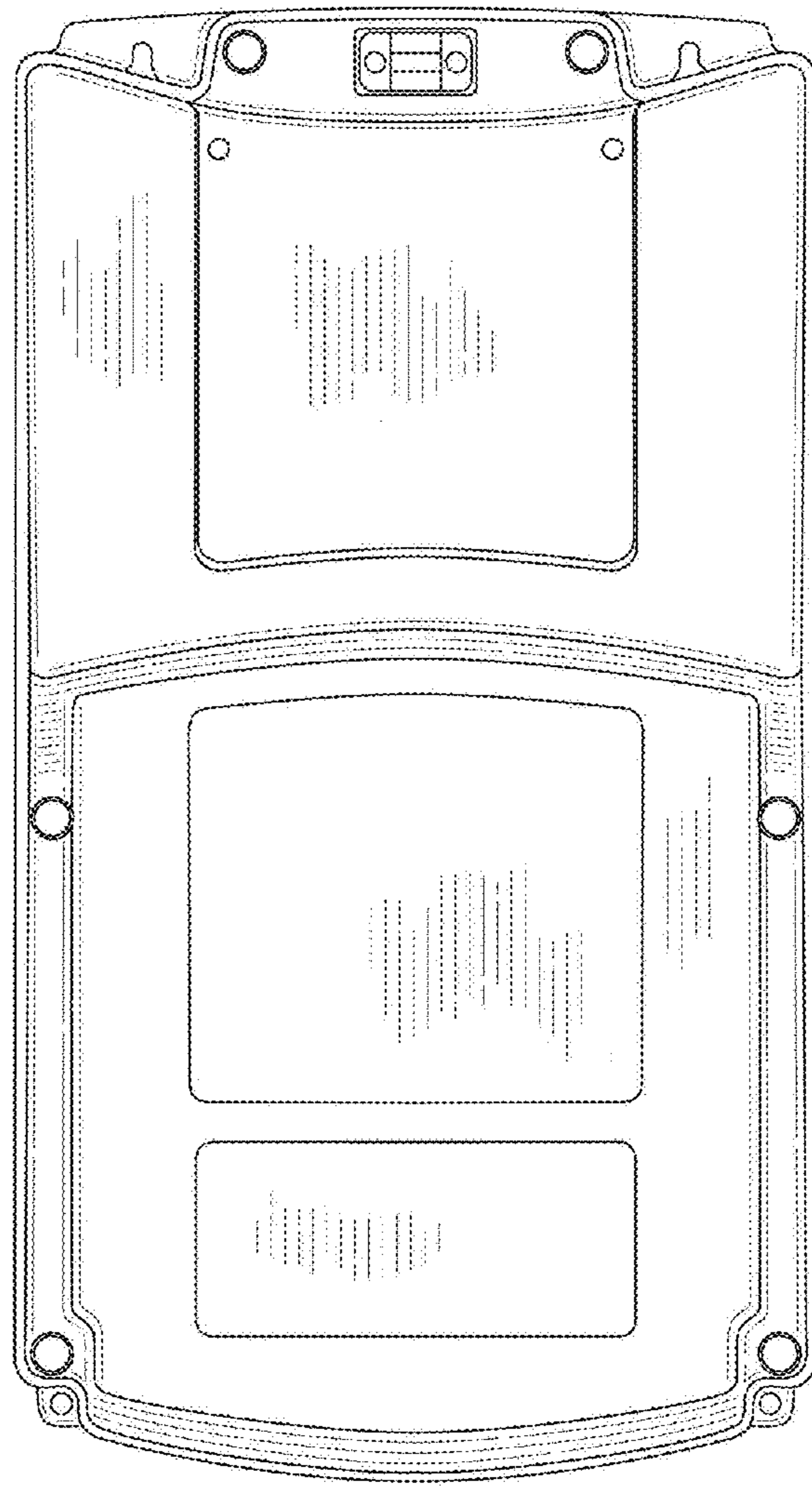


FIG. 6

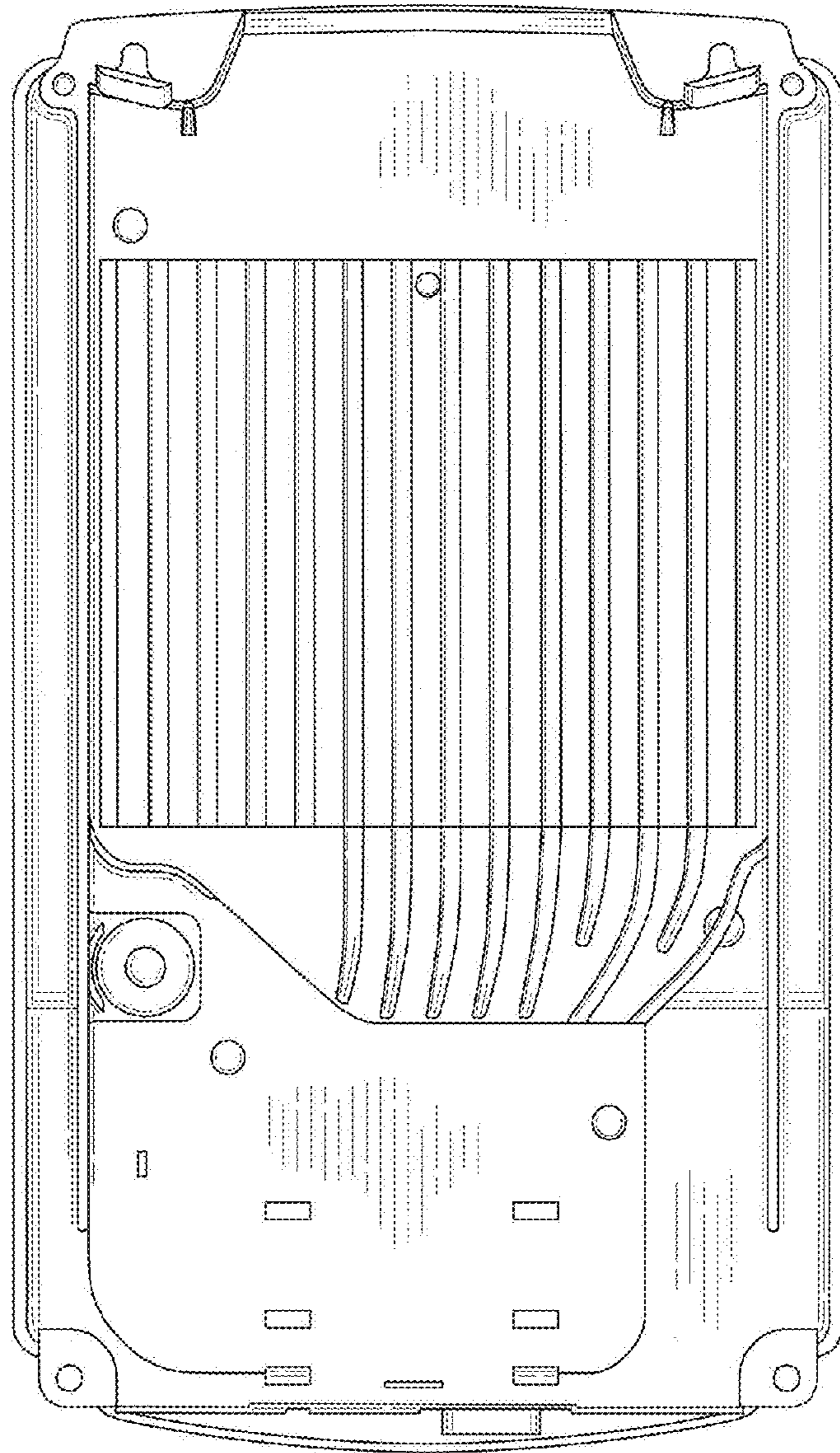


FIG. 7