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

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(45) **Date of Patent:** **** May 7, 2002**

(54) **CHEMICAL ANALYZER**

5,902,548 A * 5/1999 Watts et al. 422/63
6,027,691 A * 2/2000 Watts et al. 422/64

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* cited by examiner

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(73) Assignee: **Hitachi, Ltd.**, Tokyo (JP)

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

(57) **CLAIM**

The ornamental design for a chemical analyzer, as shown.

(21) Appl. No.: **29/141,218**

DESCRIPTION

(22) Filed: **May 3, 2001**

(30) **Foreign Application Priority Data**

Mar. 6, 2001 (JP) 2001-005387

(51) **LOC (7) Cl.** **10-04**

(52) **U.S. Cl.** **D10/81**

(58) **Field of Search** D10/81; D24/186, D24/234; 422/56, 58, 61, 62, 63-68, 43, 46, 49, 102; 436/65, 43, 48, 178, 910, 906

FIG. 1 is a front, top and right side perspective view of a chemical analyzer showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a left side elevational view thereof;
FIG. 7 is a rear side elevational plan view thereof; and,
FIG. 8 is a front, top and right side perspective view in the condition that the covers are opened.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D319,307 S * 8/1991 Sakagami et al. D24/232

1 Claim, 7 Drawing Sheets

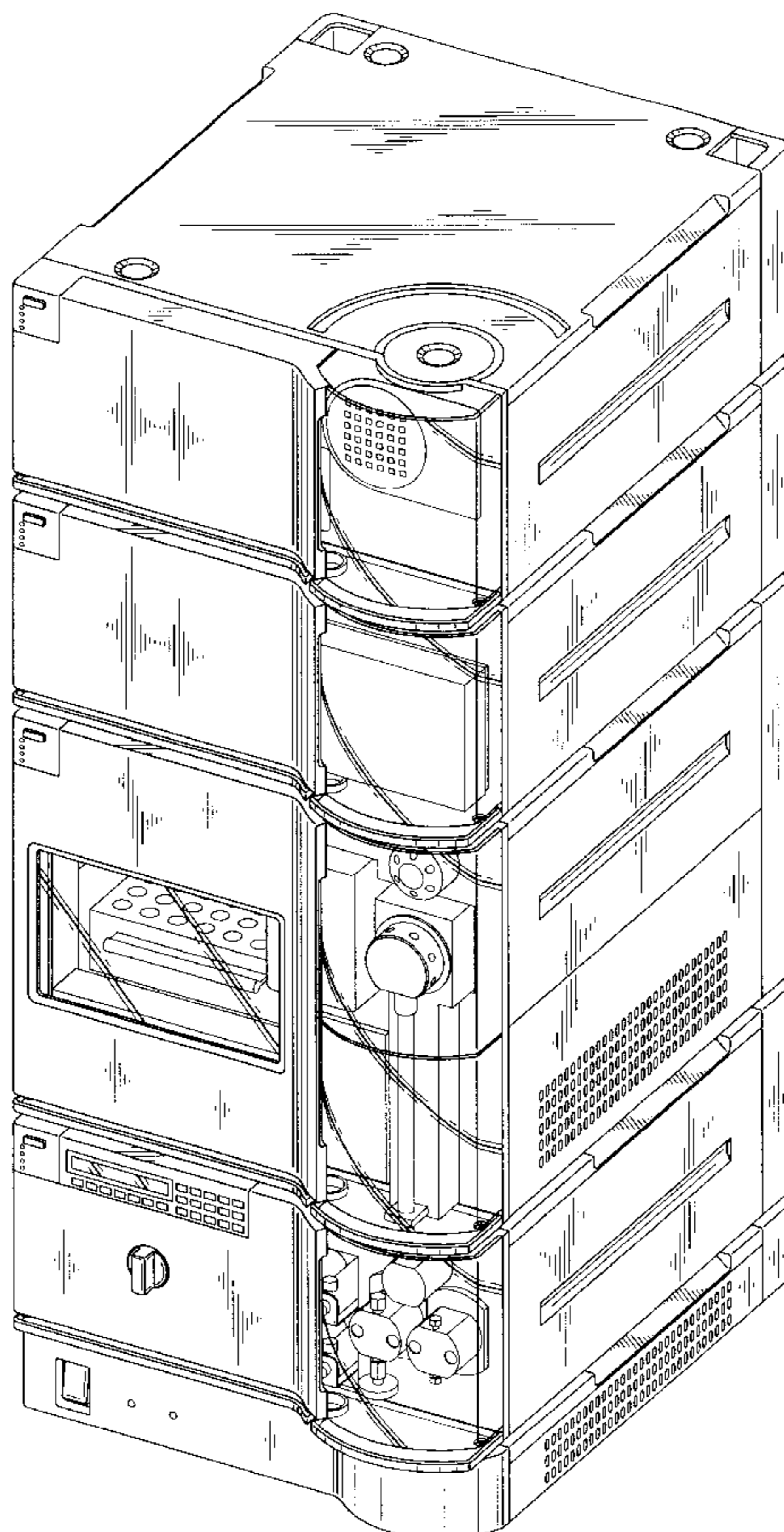


FIG. 1

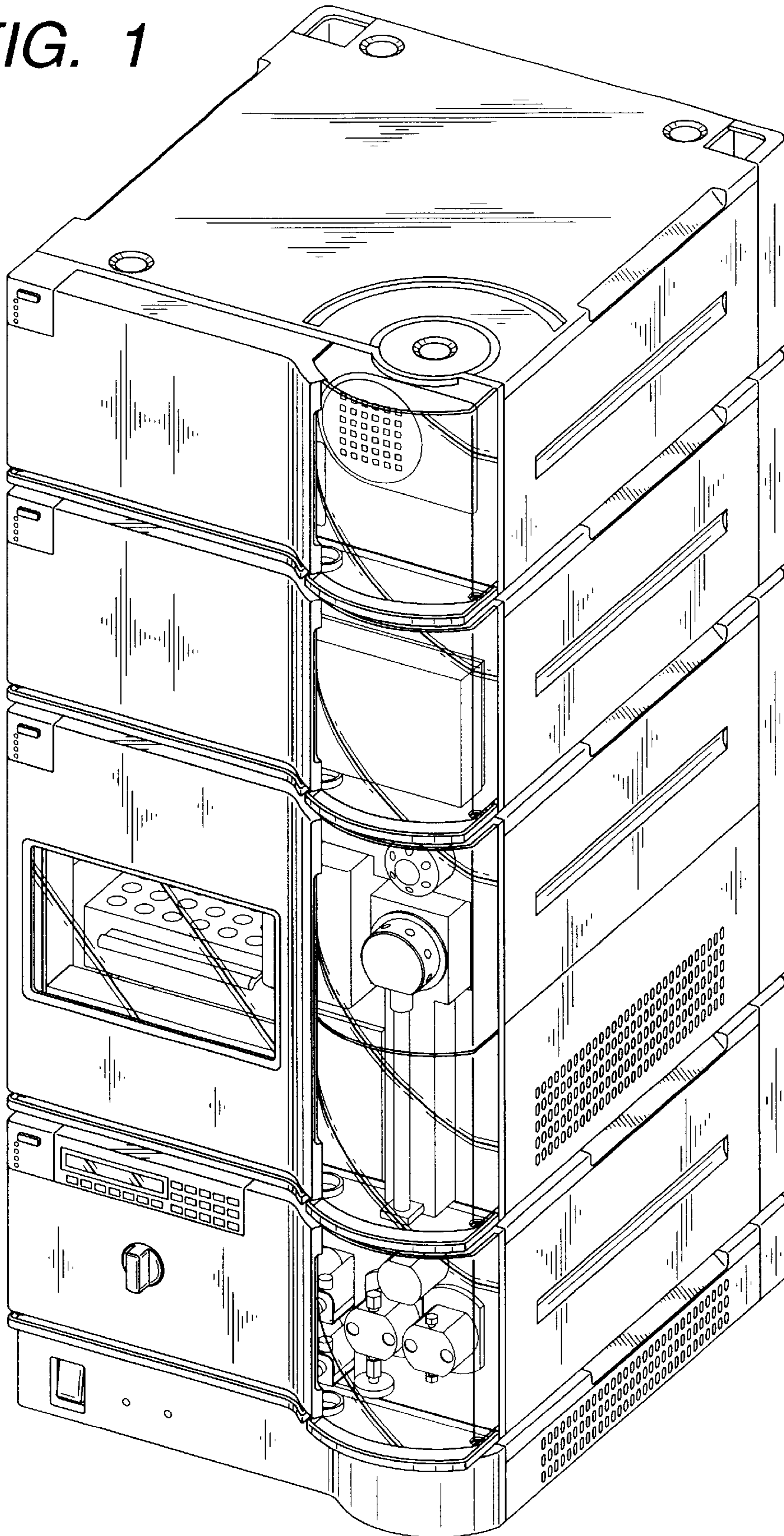


FIG. 2

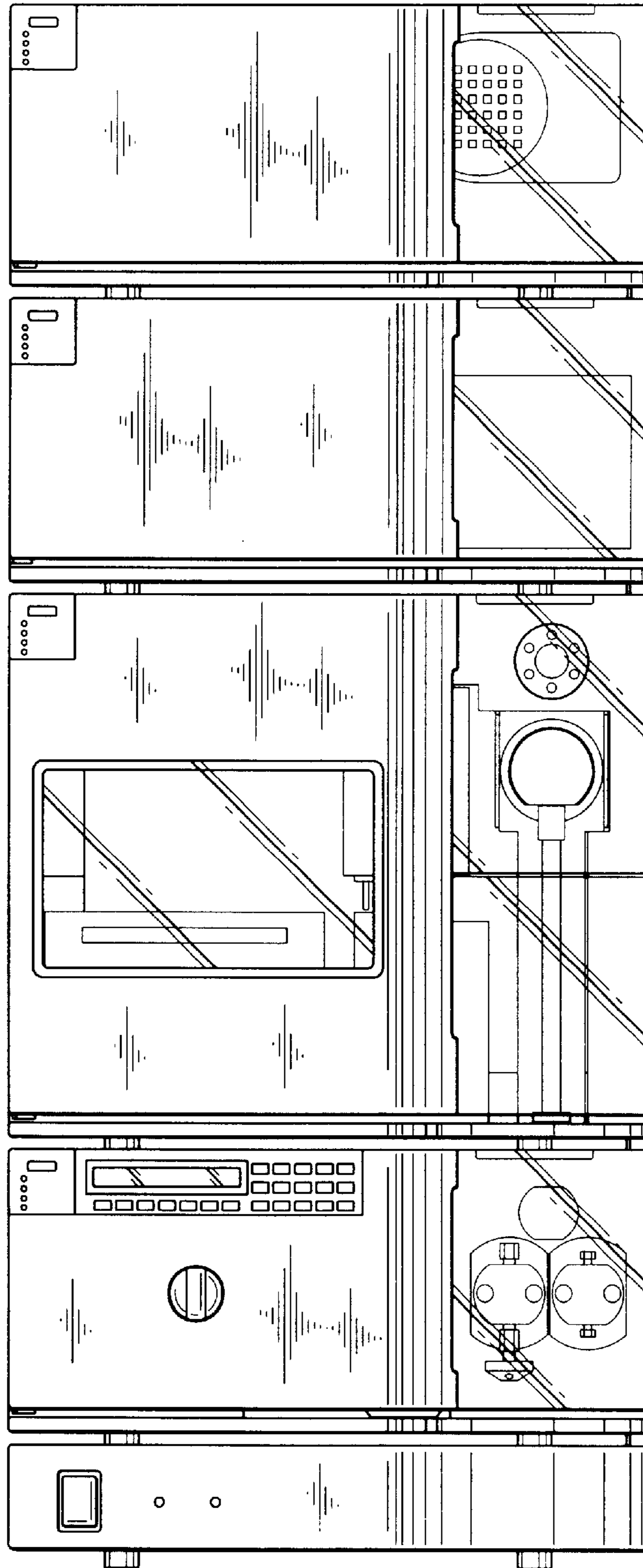


FIG. 3

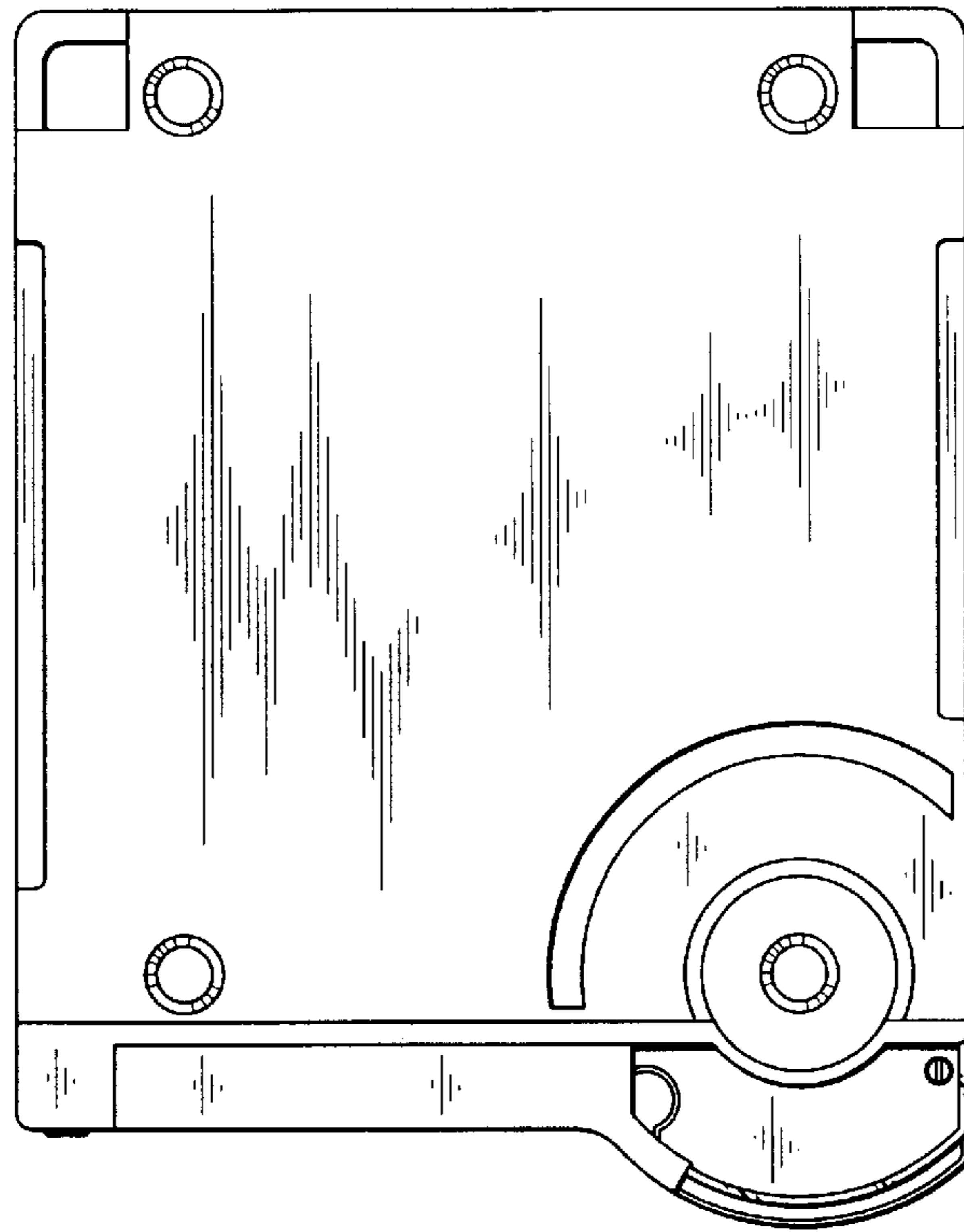


FIG. 4

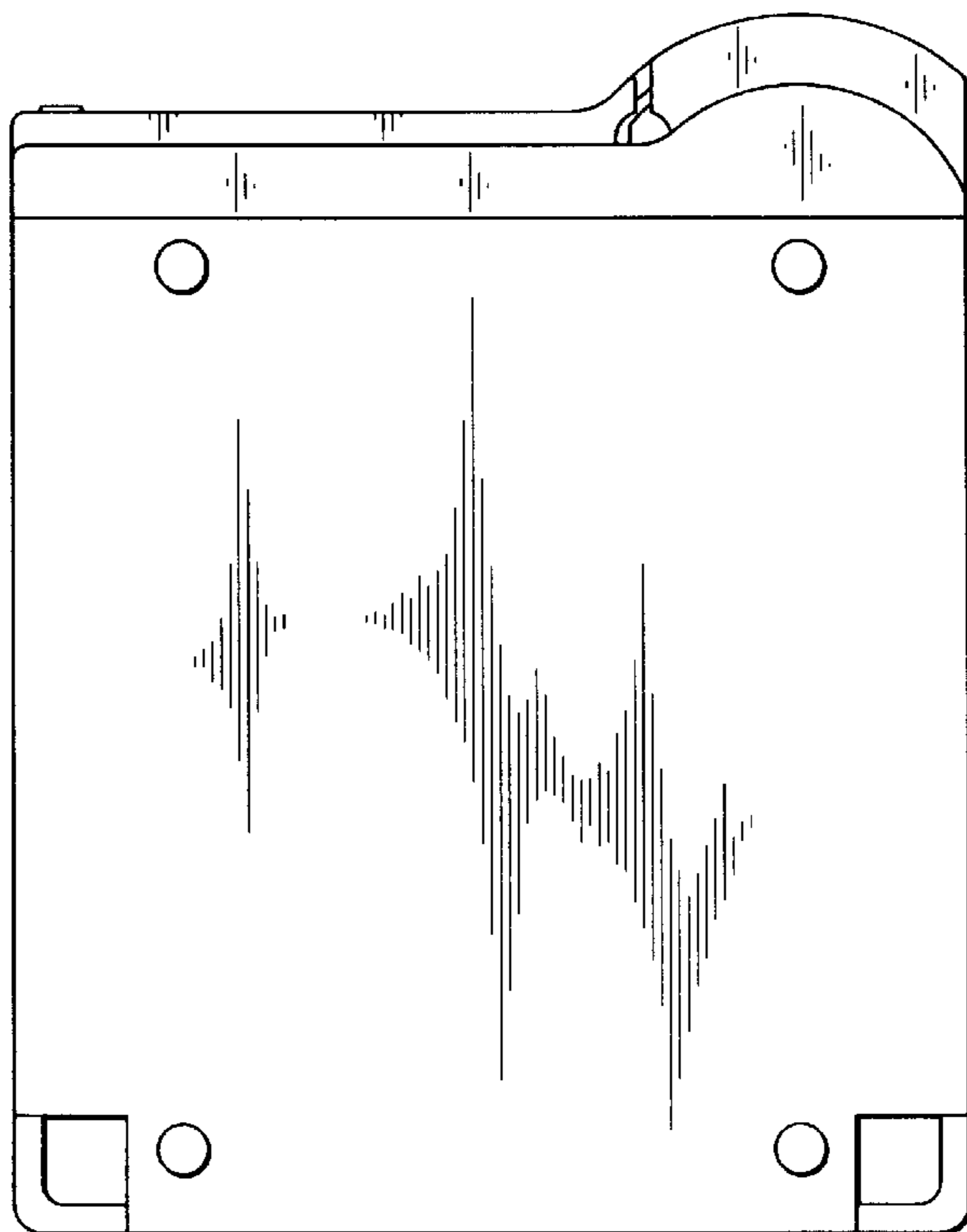


FIG. 5

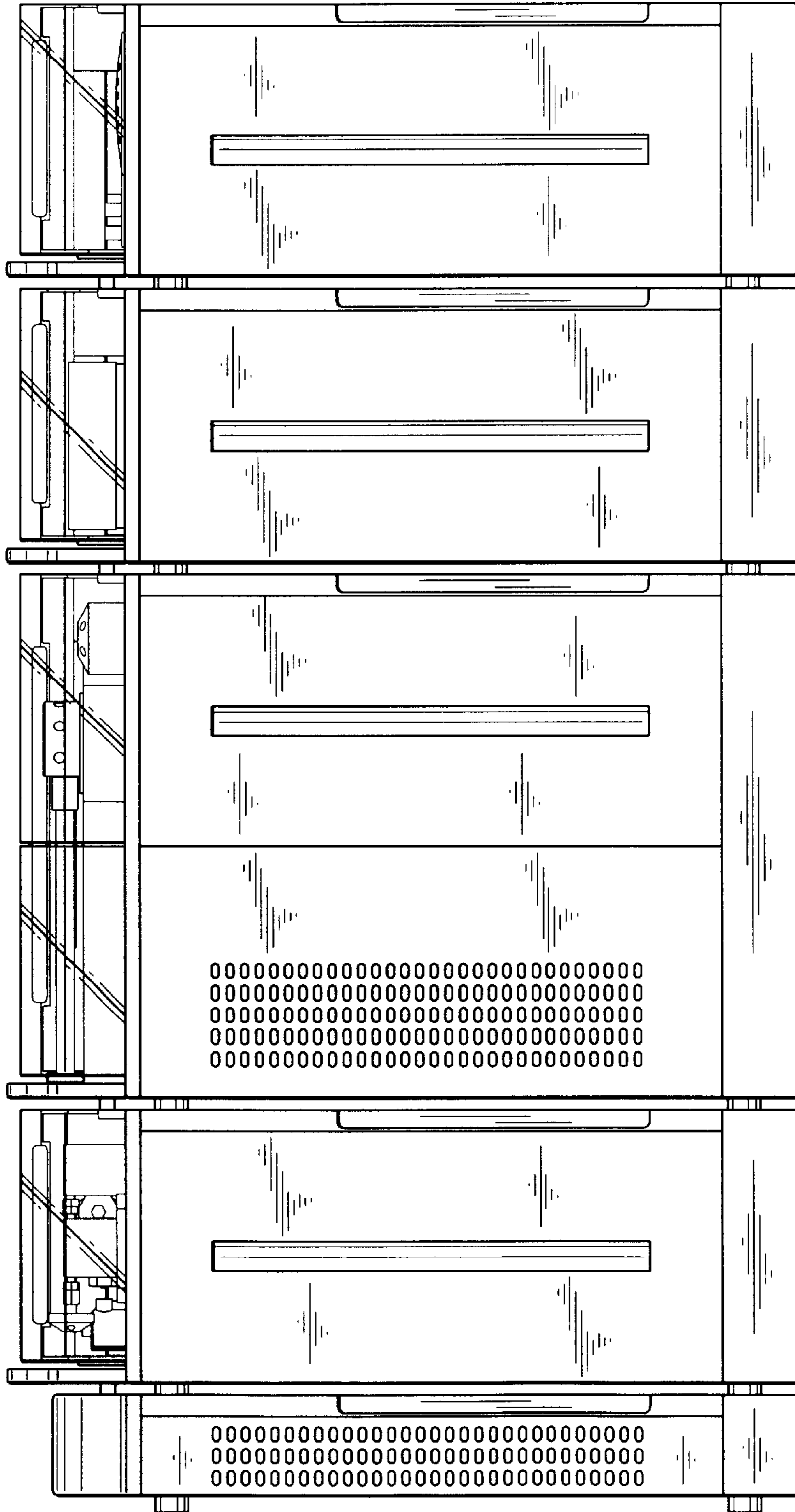


FIG. 7

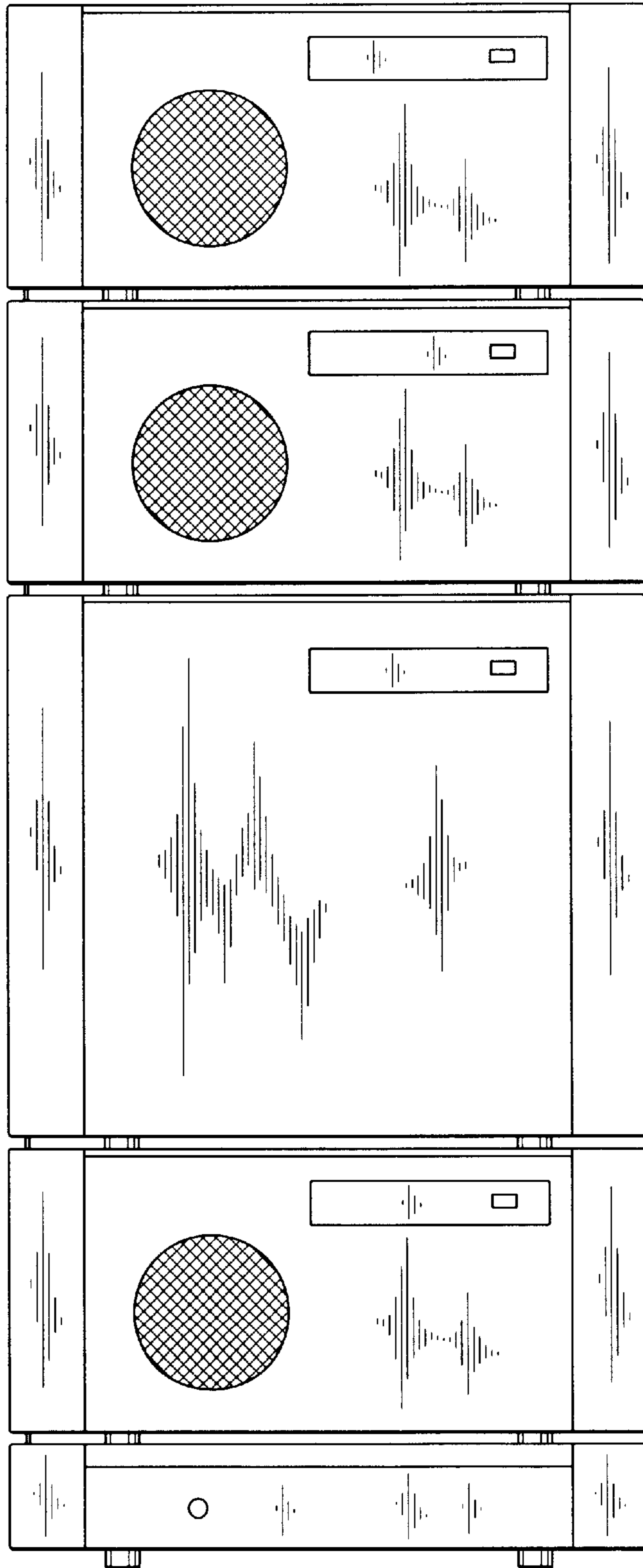


FIG. 8

