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

(10) **Patent No.:** **US D449,637 S**

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

(54) **LIQUID CRYSTAL PROJECTOR**
(75) Inventors: **Katsuhiko Hayashi; Yoshihiro Shiota,**
both of Kawasaki (JP)

(73) Assignee: **Fujitsu General Limited,**
Kanagawa-ken (JP)

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

(21) Appl. No.: **29/138,304**

(22) Filed: **Mar. 12, 2001**

(30) **Foreign Application Priority Data**

Sep. 12, 2000 (JP) 12-025449

(51) **LOC (7) Cl.** **16-02**

(52) **U.S. Cl.** **D16/230; D16/225**

(58) **Field of Search** **D16/200-205,**
D16/221, 225, 230, 231, 234; 349/5, 7,
8, 9, 58; 353/115, 119, 122

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D. 429,270 * 8/2000 Ishibashi et al. D16/231
- D. 434,430 * 11/2000 Saeki et al. D16/231
- D. 436,979 * 1/2001 Yokoyama et al. D16/231

- D. 439,923 * 4/2001 Kawamoto D16/231
- D. 441,387 * 5/2001 Saeki et al. D16/230
- 5,868,485 * 2/1999 Fujimori et al. 353/119

OTHER PUBLICATIONS

Sharp Catalog, Apr. 1998 (model XV-N1100).*

* cited by examiner

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Macpeak & Seas, PLLC

(57) **CLAIM**

The ornamental design for a liquid crystal projector, as shown.

DESCRIPTION

FIG. 1 is a perspective view of the top, front and right side of a liquid crystal projector showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a left side elevational view thereof; and, FIG. 7 is a bottom plan view thereof.

1 Claim, 6 Drawing Sheets

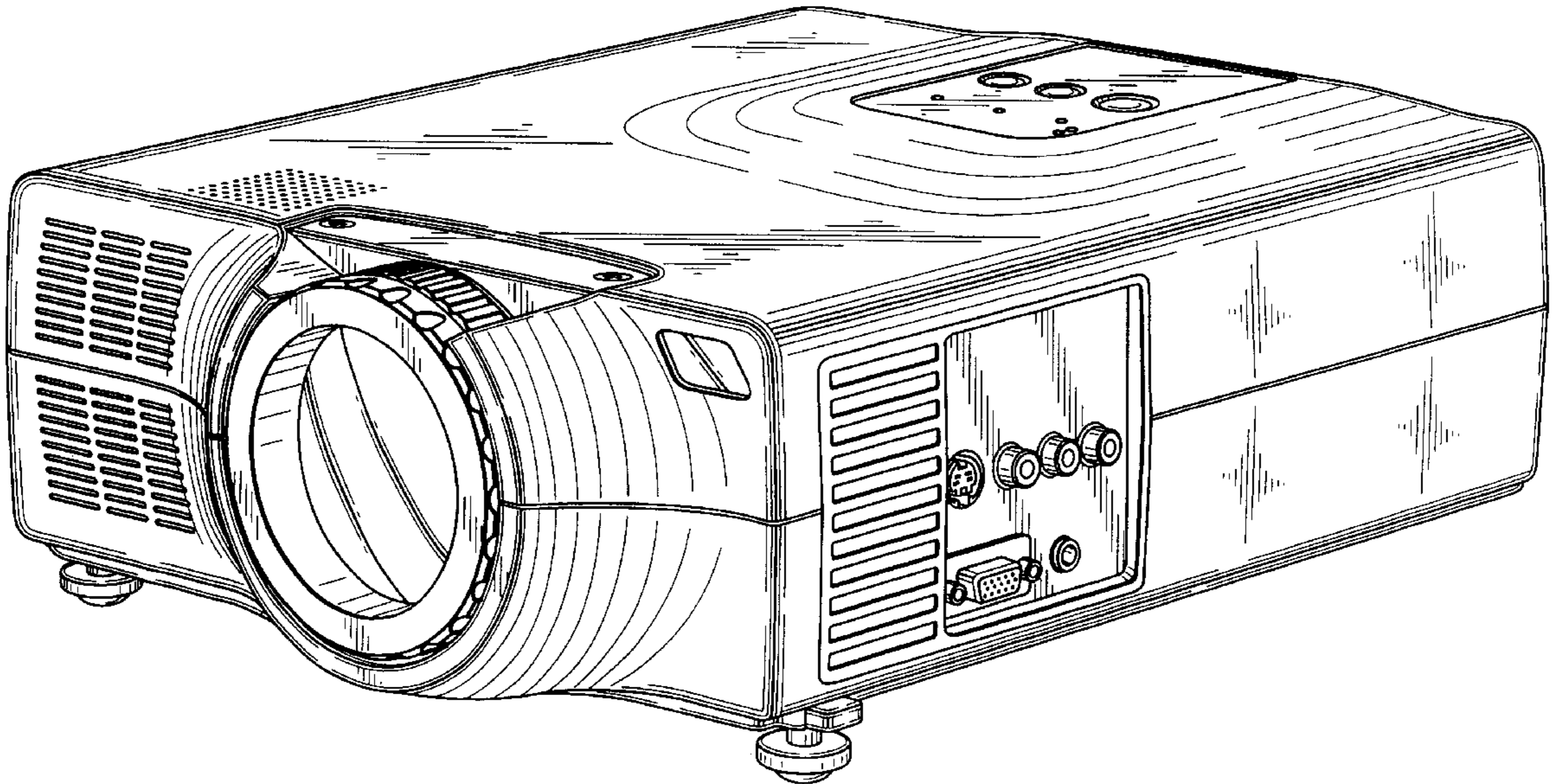


FIG. 1

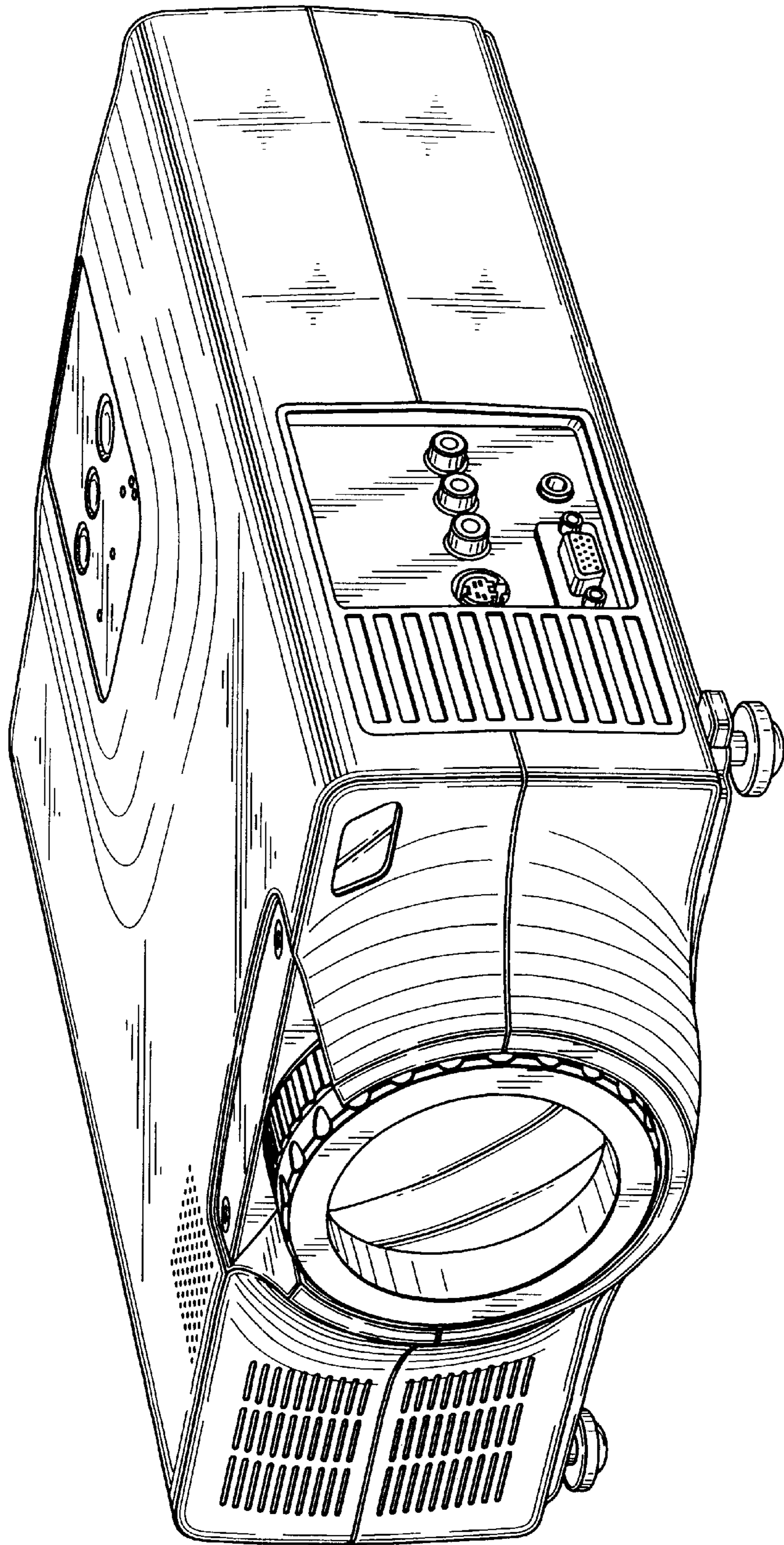


FIG. 2

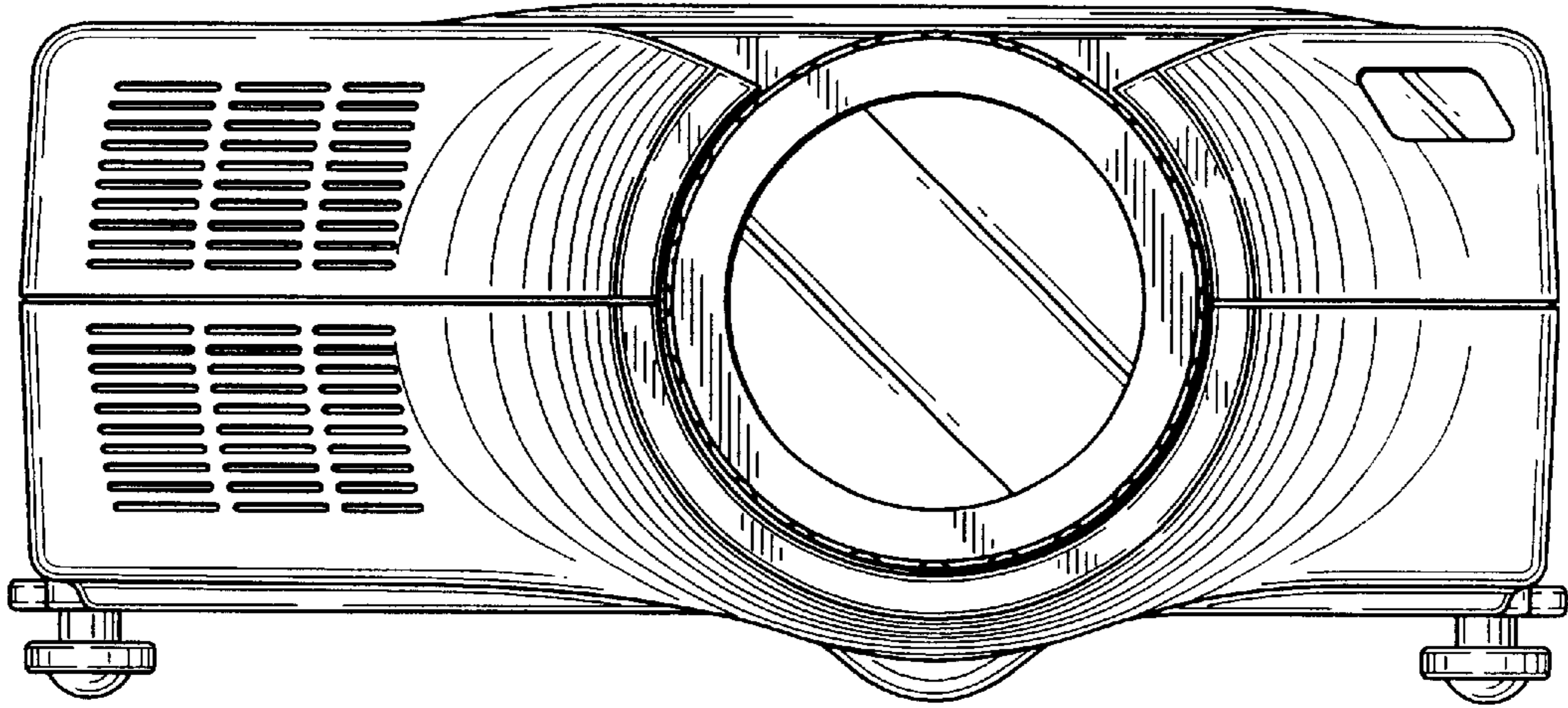


FIG. 3

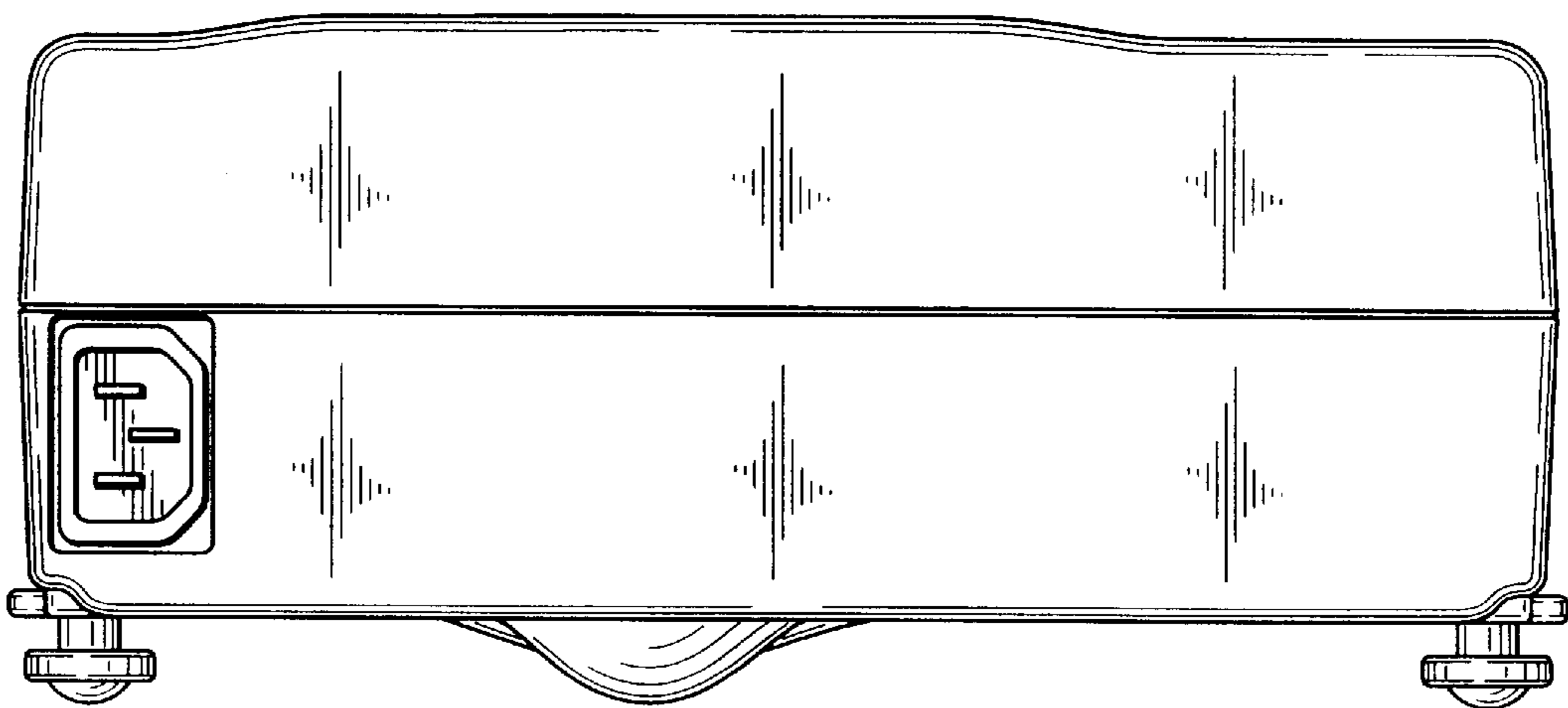


FIG. 4

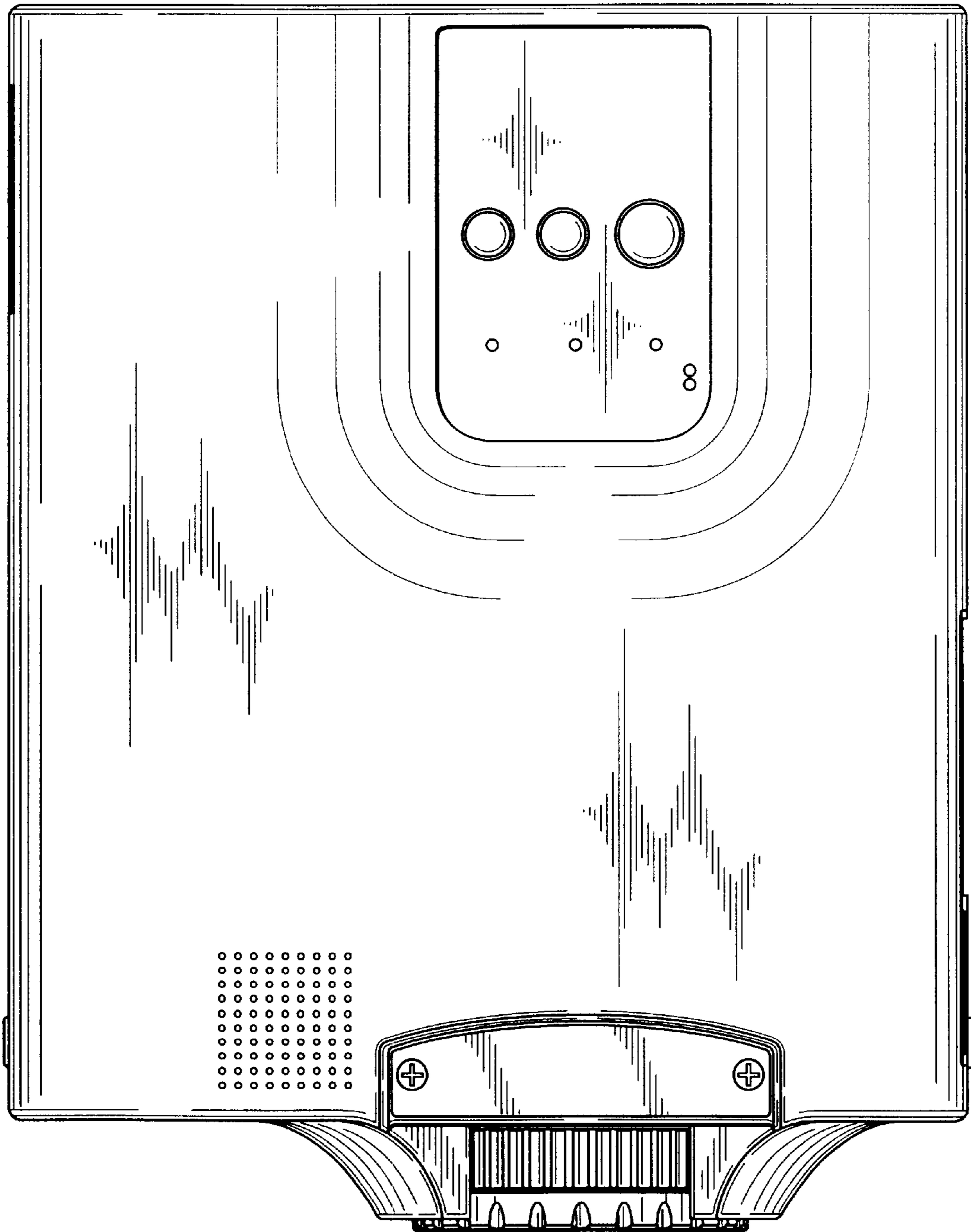


FIG. 5

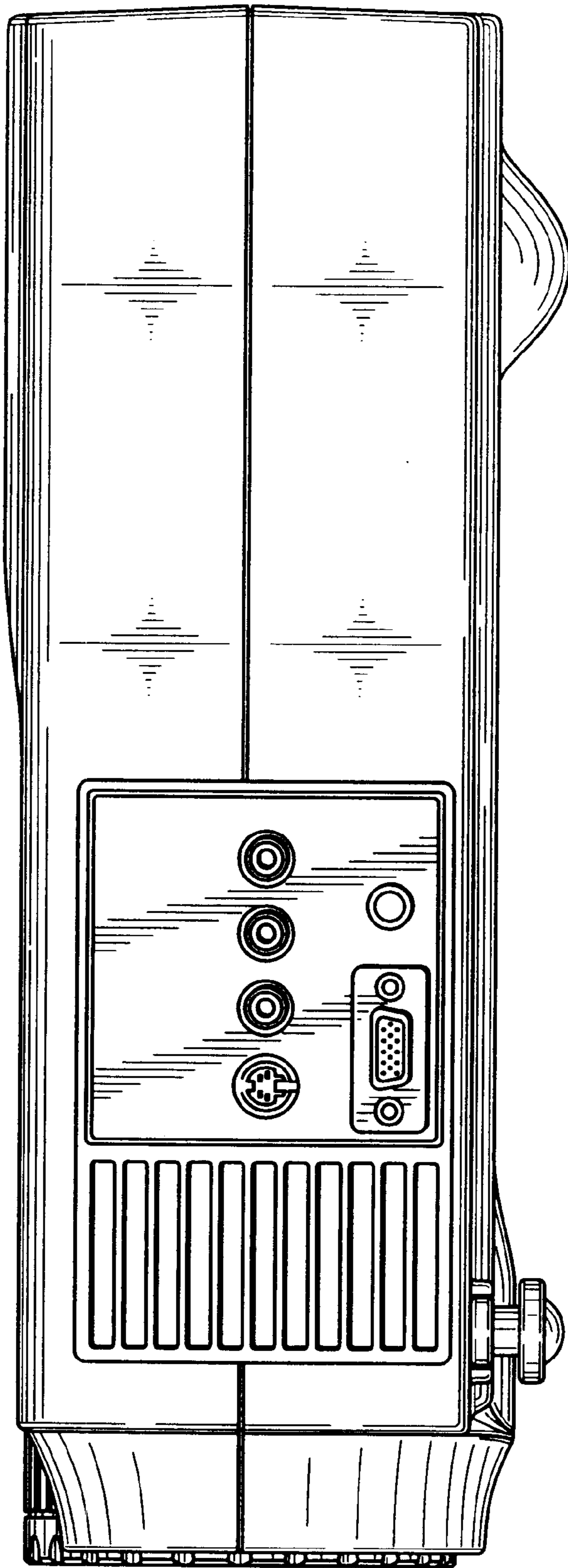


FIG. 6

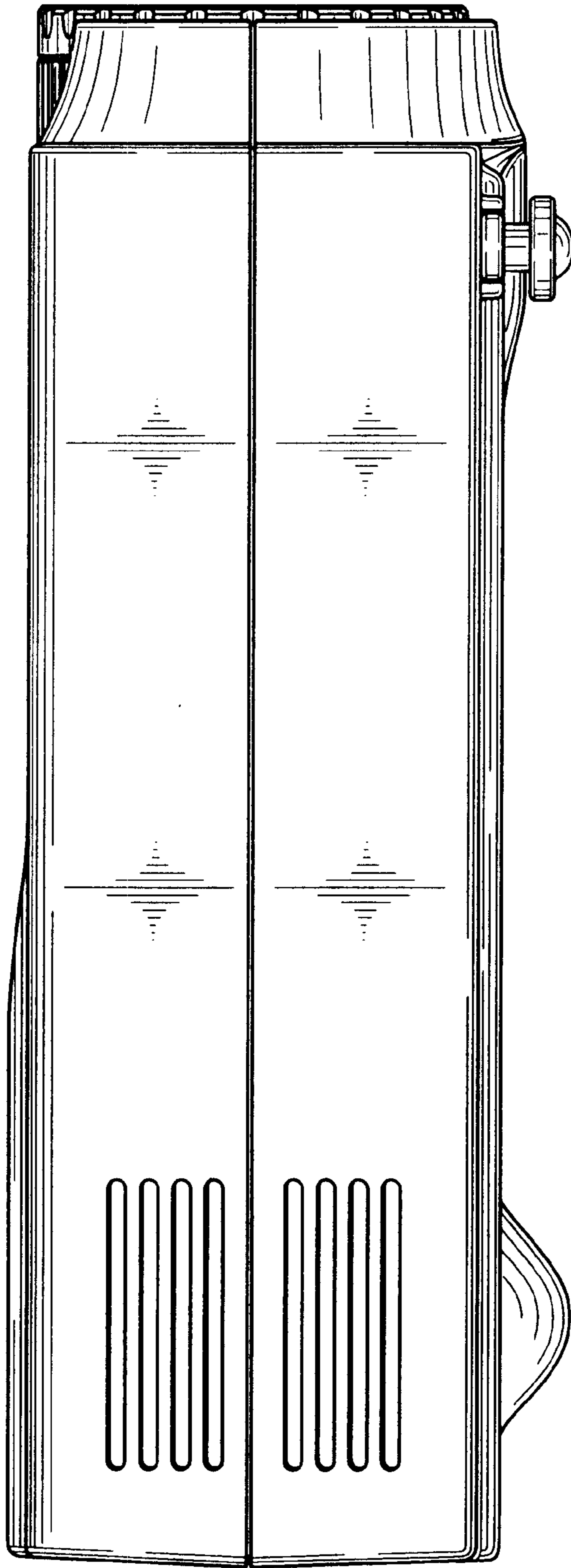
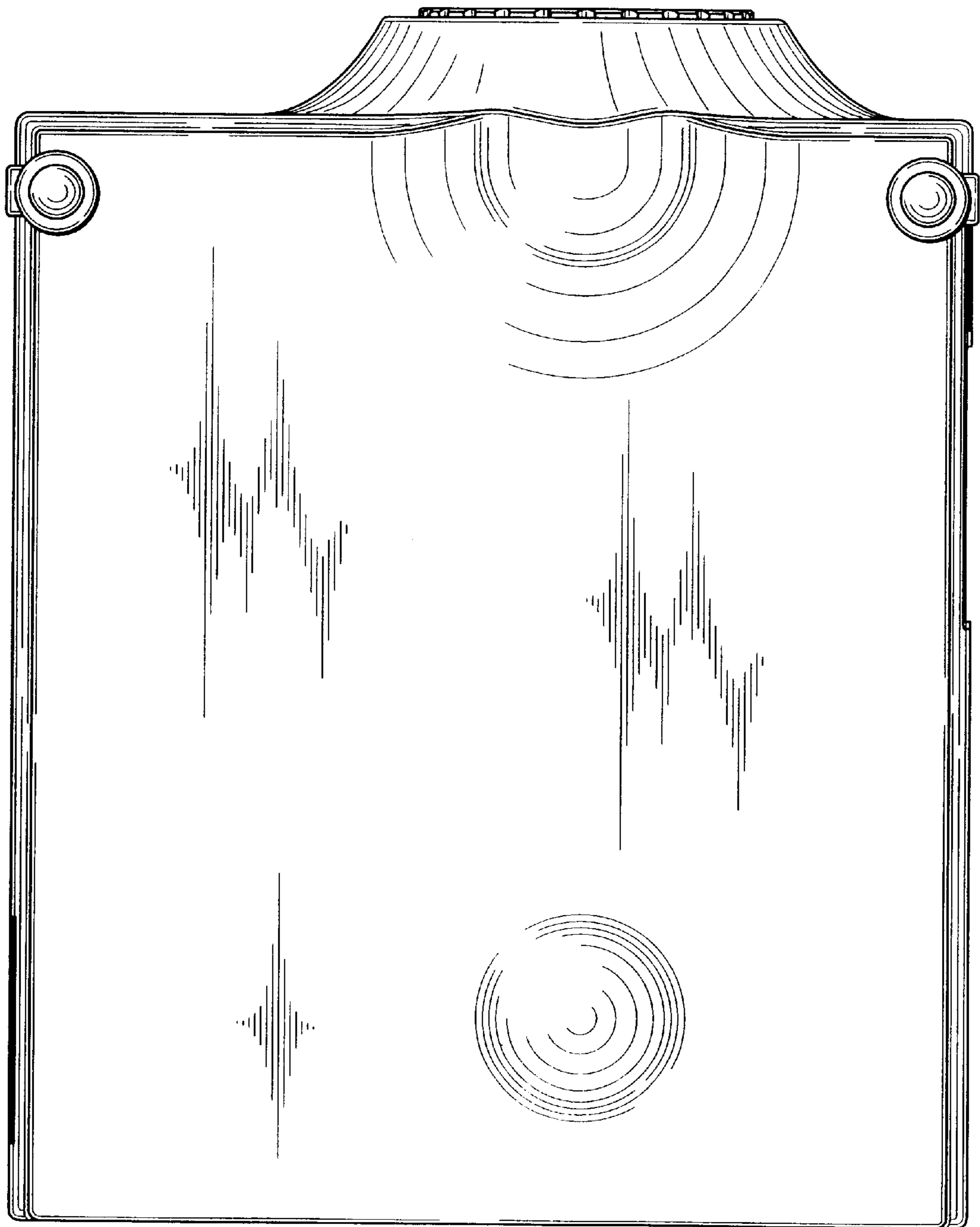


FIG. 7



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des 449,637 S
DATED : October 23, 2001
INVENTOR(S) : Katsuhiko Hayashi et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,
Item [56], **References Cited**, insert
-- FOREIGN PATENT DOCUMENTS
973303 1/29/97 Japan --

Signed and Sealed this

Twenty-seventh Day of August, 2002

Attest:



Attesting Officer

JAMES E. ROGAN
Director of the United States Patent and Trademark Office