



US00D774586S

(12) **United States Design Patent** (10) **Patent No.:** **US D774,586 S**  
**Yamamoto et al.** (45) **Date of Patent:** **\*\* Dec. 20, 2016**

(54) **PROJECTOR**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **CASIO KEISANKI KABUSHIKI KAISHA**, Shibuya-ku, Tokyo (JP)

CN 303423963 \* 3/2015  
CN 303739797 \* 11/2015  
JP D1554501 \* 11/2015

(72) Inventors: **Yozo Yamamoto**, Tokyo (JP); **Ryo Amikura**, Tokyo (JP)

OTHER PUBLICATIONS

(73) Assignee: **CASIO KEISANKI KABUSHIKI KAISHA**, Tokyo (JP)

Time to go Lamp Free with Casio Projector. Casio India Co. Jun. 29, 2015. [Retrieved on Sep. 19, 2016. Retrieved from the Internet: <URL: www.google.com/images>.\*

(\*\*) Term: **15 Years**

\* cited by examiner

(21) Appl. No.: **29/546,473**

*Primary Examiner* — Wan Laymon

(22) Filed: **Nov. 23, 2015**

(74) *Attorney, Agent, or Firm* — Holtz, Holtz & Volek PC

(51) **LOC (10) Cl.** ..... **16-02**

(57) **CLAIM**

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

The ornamental design for a projector, as shown and described.

(58) **Field of Classification Search**  
USPC ..... D16/221, 225, 230–231, 234; D21/514  
CPC ..... G03B 21/00; G03B 21/001; G03B 21/003;  
G03B 21/12; G03B 21/14; G03B 21/16;  
G03B 21/145  
See application file for complete search history.

**DESCRIPTION**

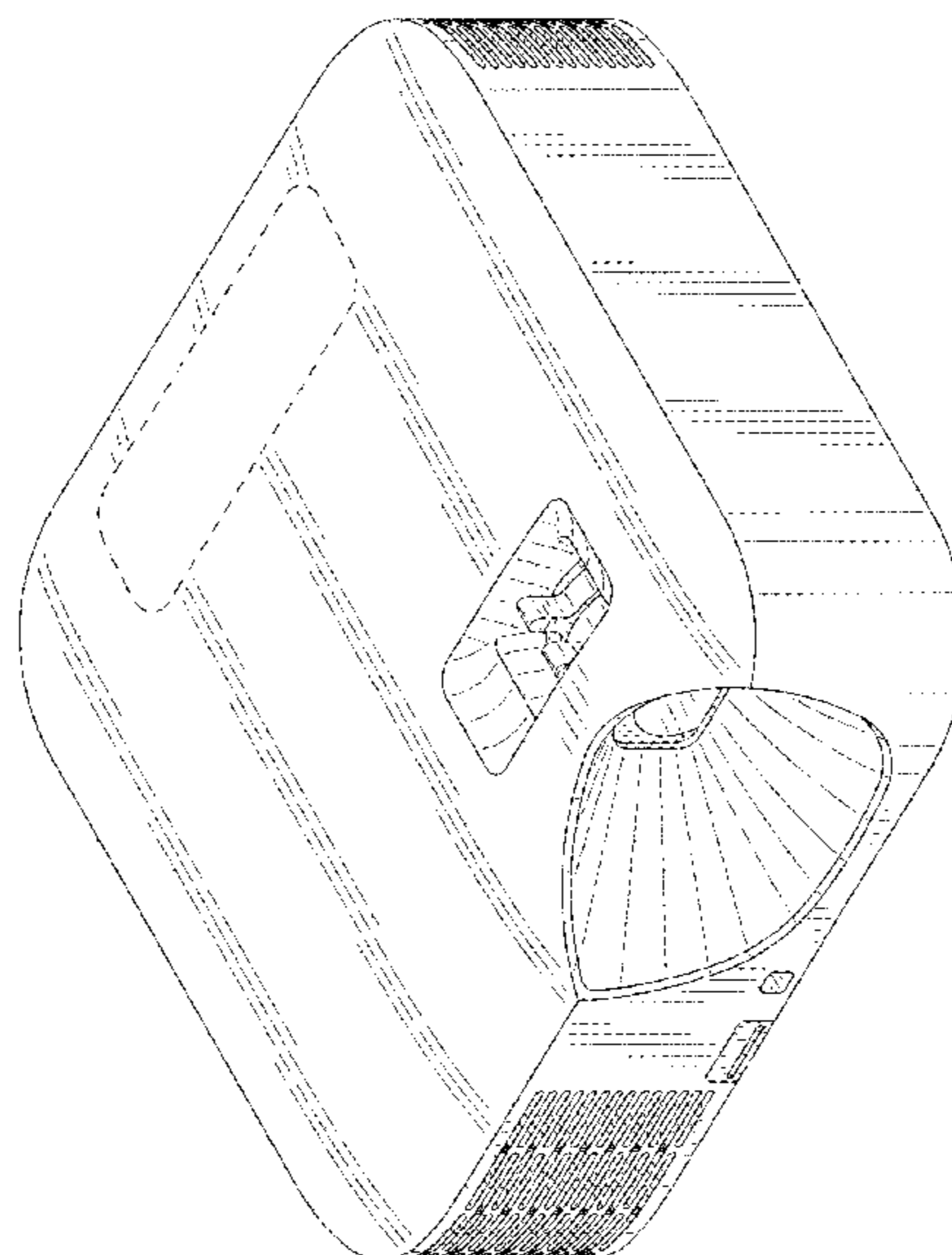
FIG. 1 is a front, right side, top perspective view of a projector showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is a cross-sectional view thereof, taken along 8-8 of FIG. 2 (an internal mechanism is omitted). The broken lines shown in the figures are included for the purpose of illustrating portions of the projector and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D466,143 S \* 11/2002 Torikai ..... D16/230  
7,014,320 B2 \* 3/2006 Shiraiishi ..... G03B 21/16  
348/748  
7,029,132 B2 \* 4/2006 Tsubata ..... H04N 9/317  
348/E9.027  
D636,426 S \* 4/2011 Kawaguchi ..... D16/225  
D683,782 S \* 6/2013 Ishibashi ..... D16/230  
D757,148 S \* 5/2016 Amikura ..... D16/230

**1 Claim, 6 Drawing Sheets**



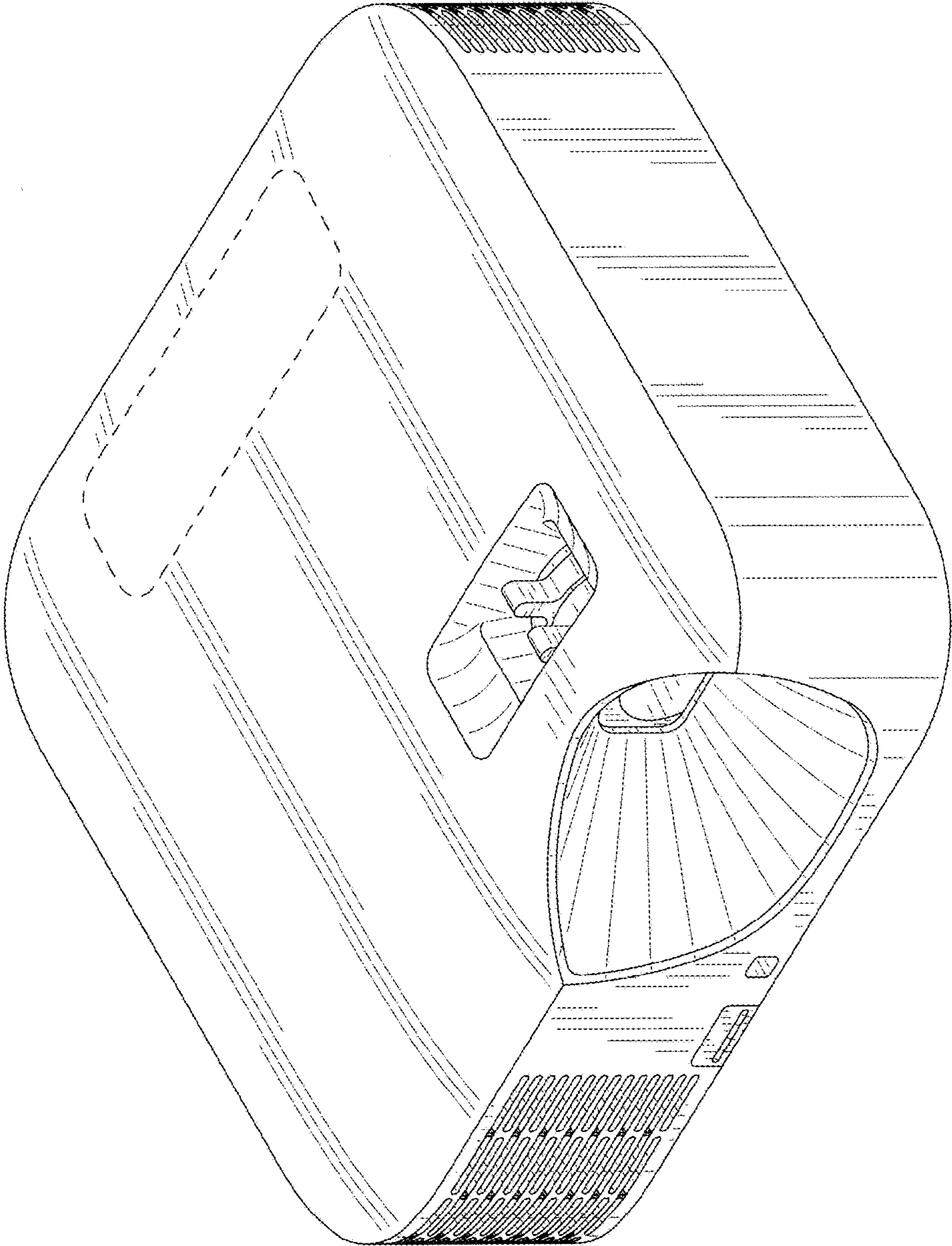


FIG. 1

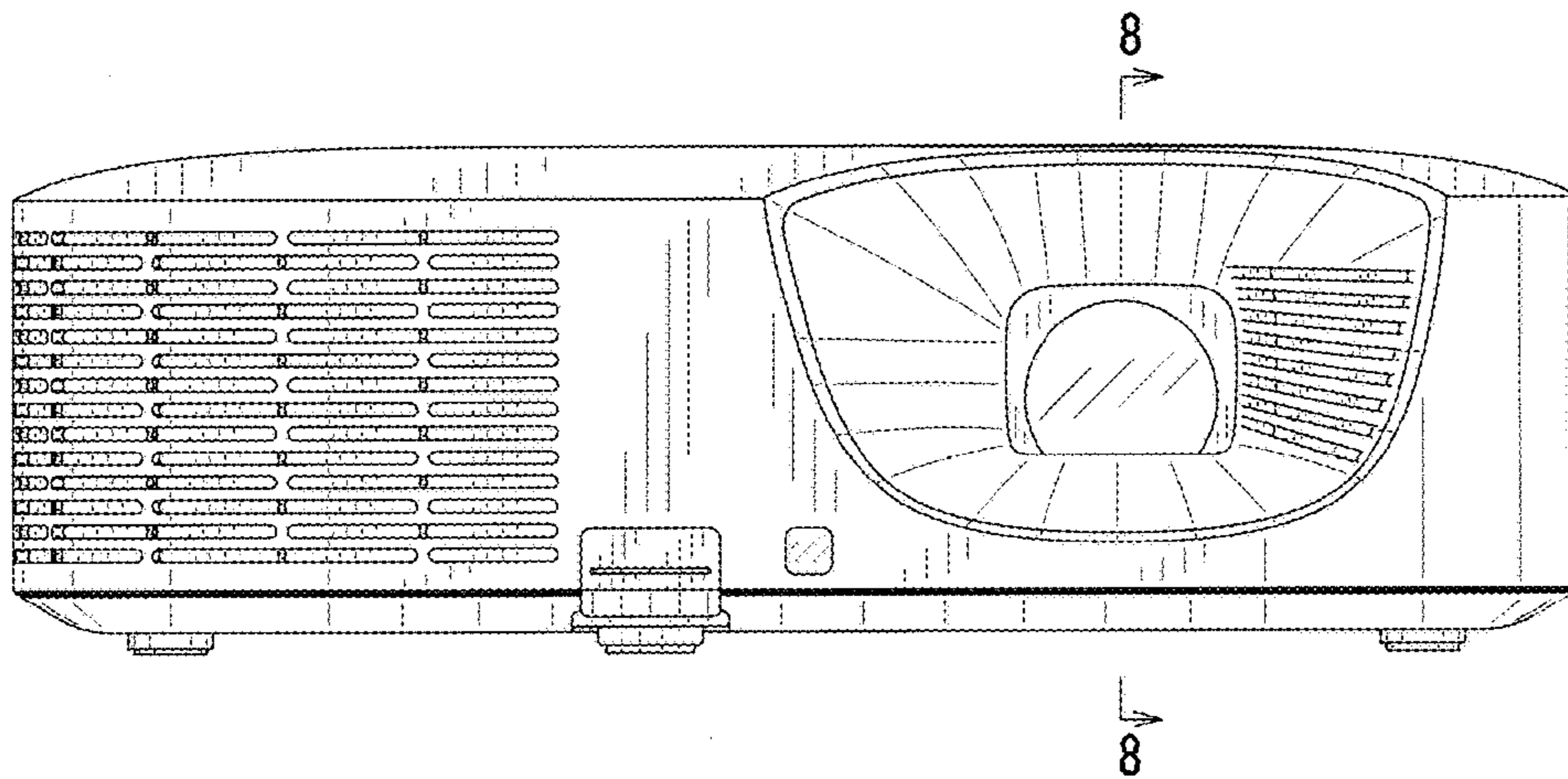


FIG. 2

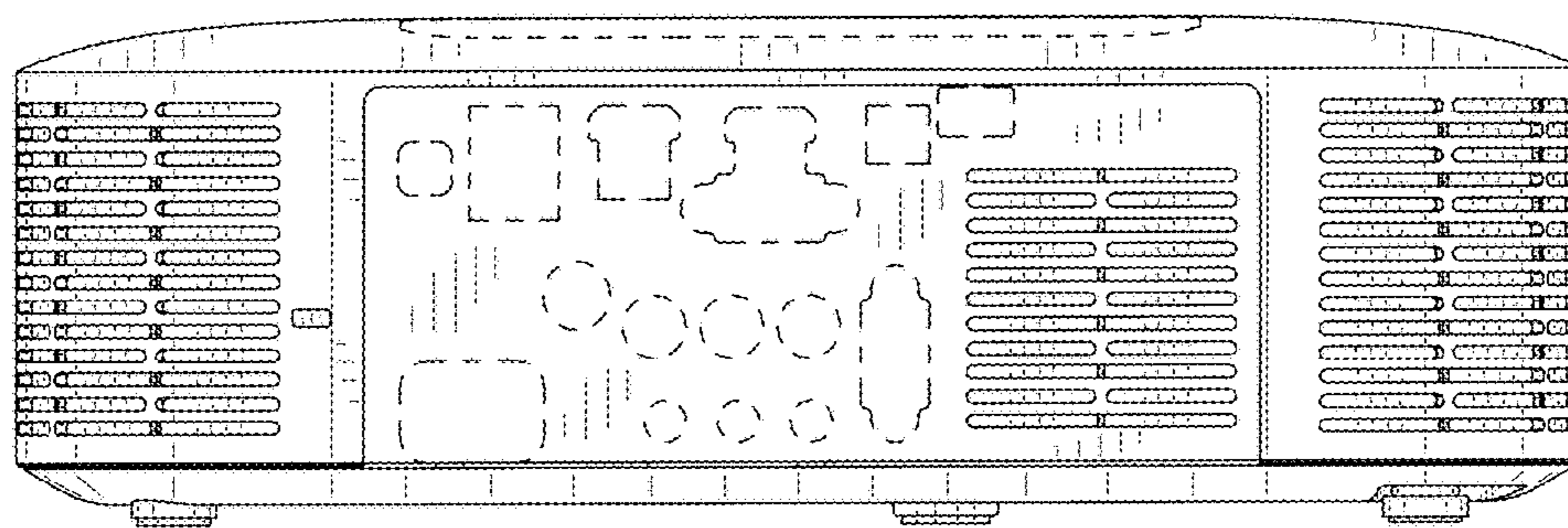


FIG. 3

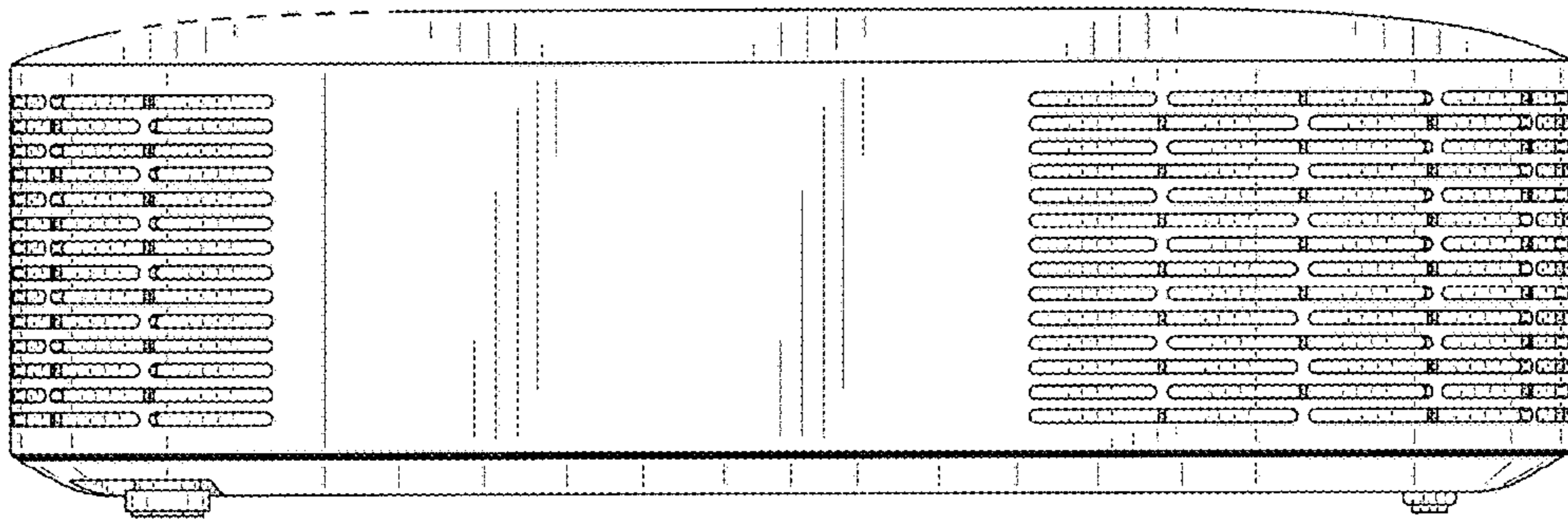


FIG. 4

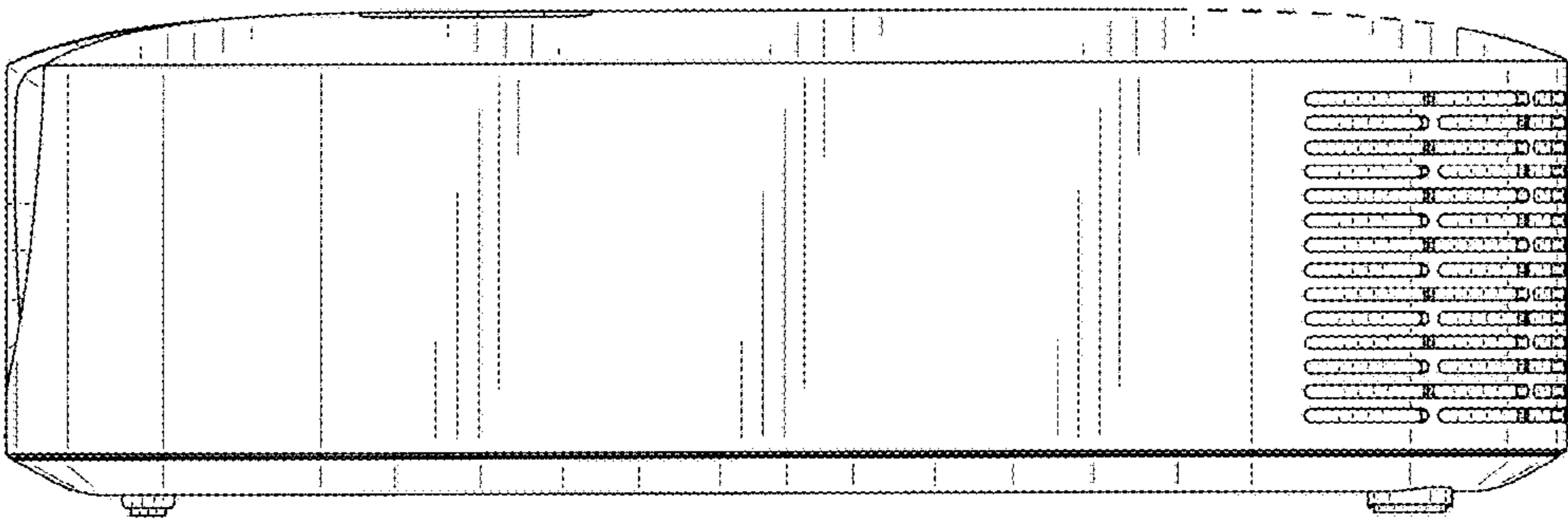


FIG. 5

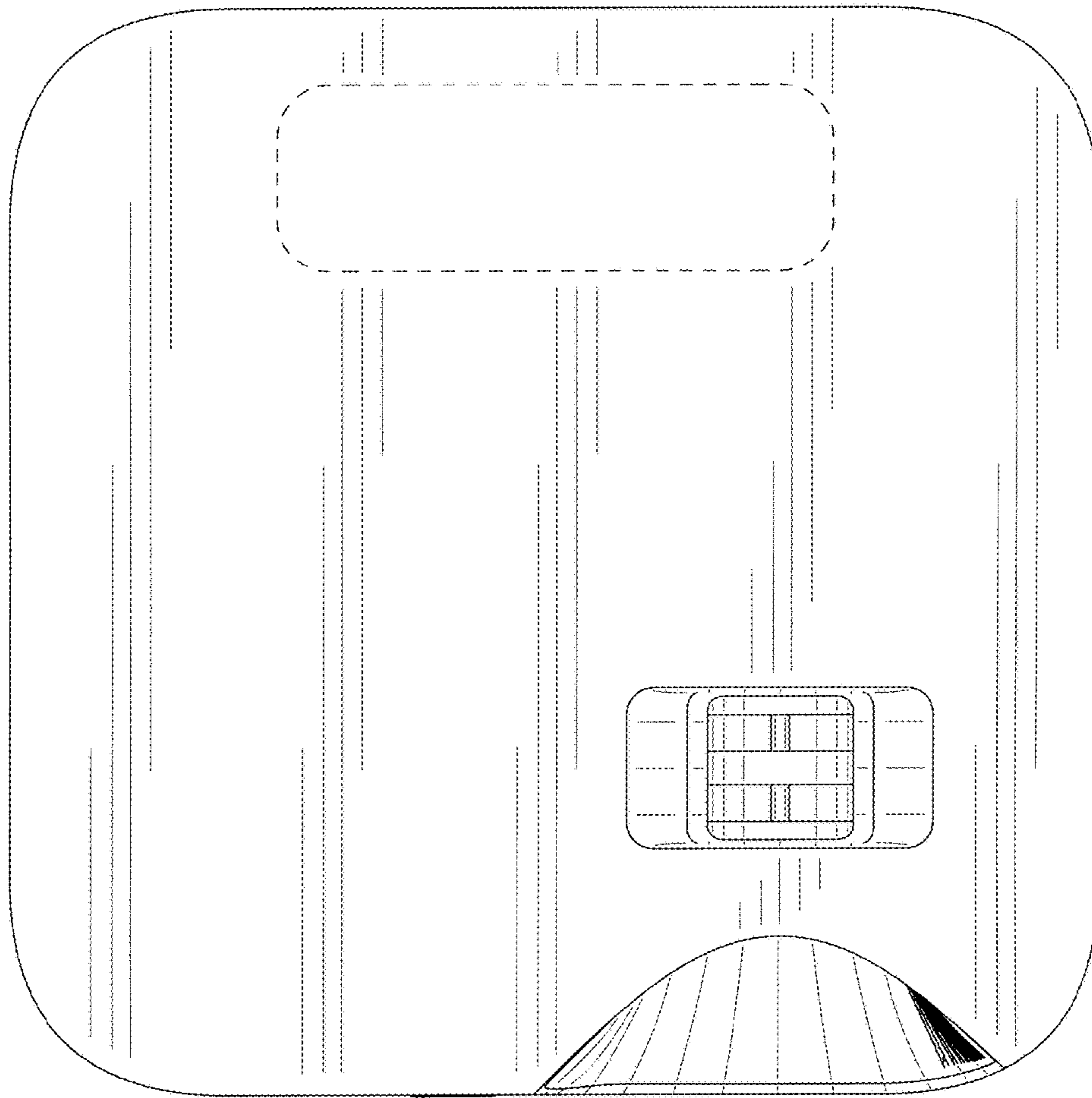


FIG. 6

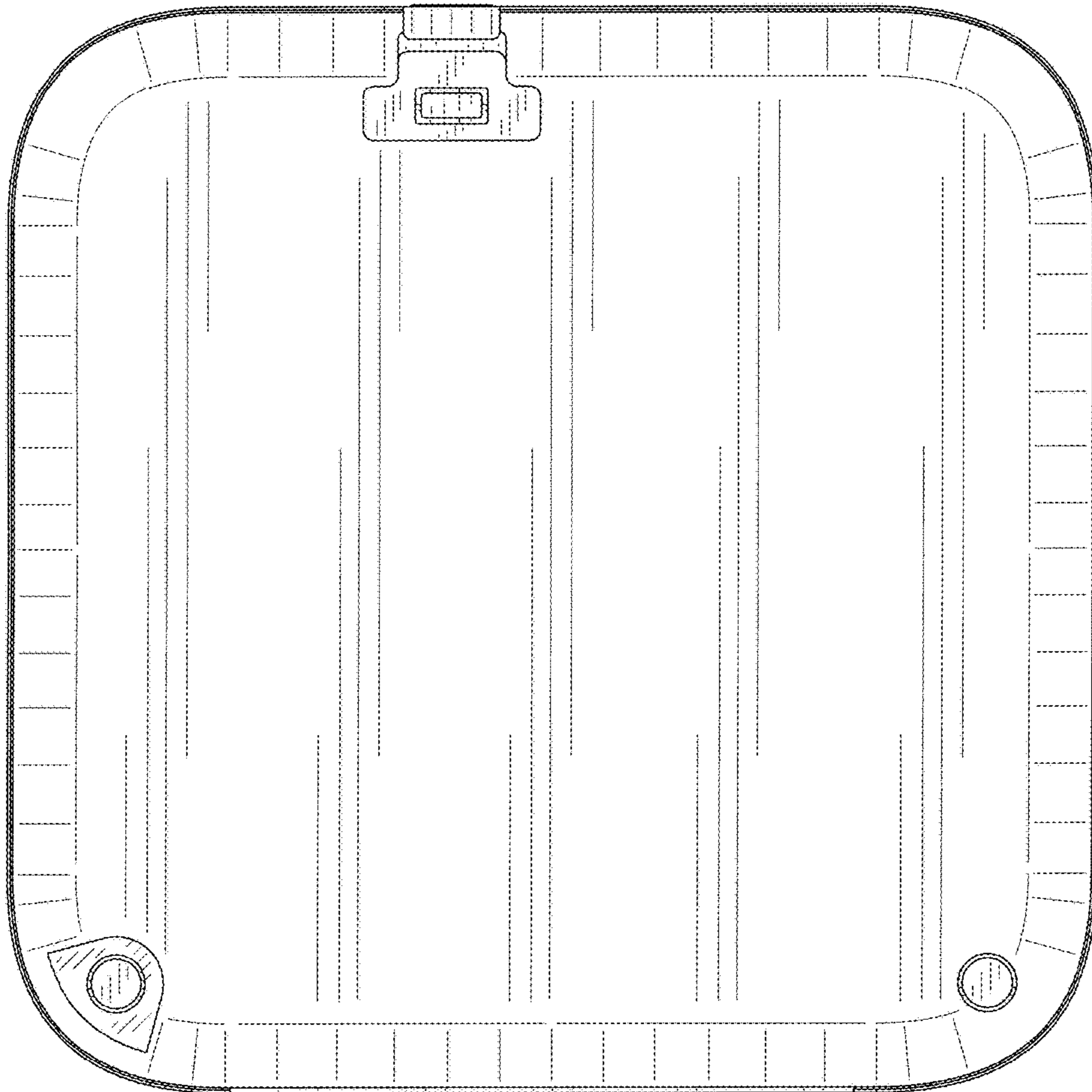


FIG. 7

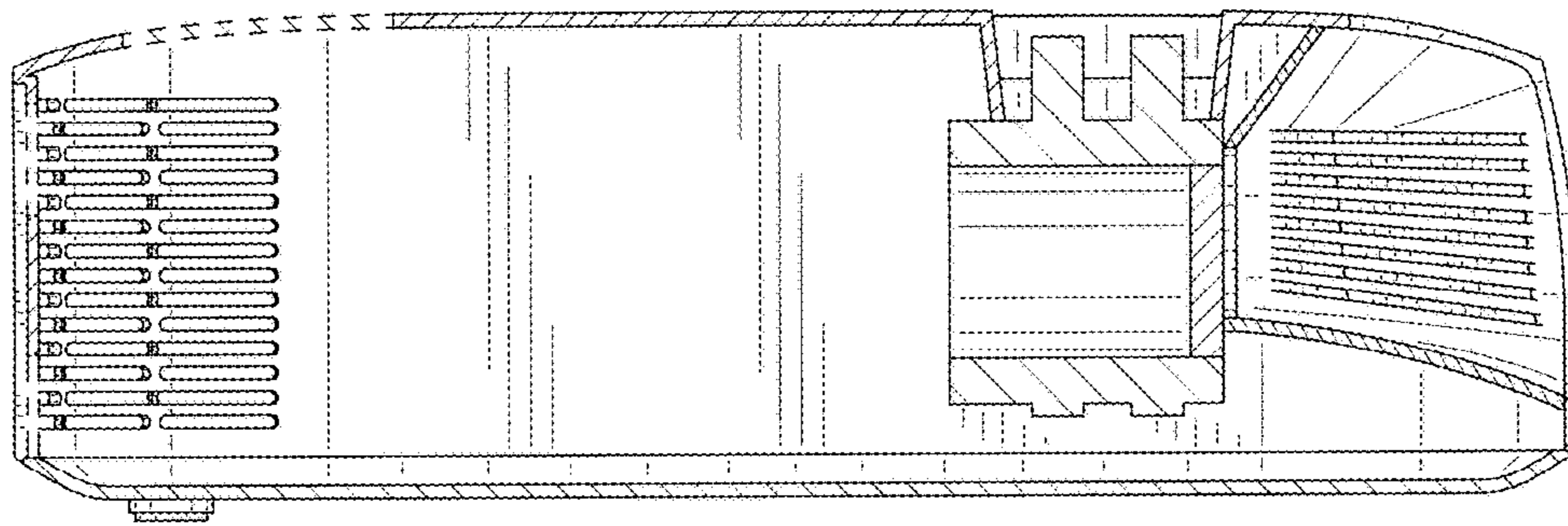


FIG. 8