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(12) **United States Design Patent** (10) **Patent No.:** **US D984,515 S**  
**Lee et al.** (45) **Date of Patent:** **\*\* Apr. 25, 2023**

(54) **BEAM PROJECTOR**

(56) **References Cited**

(71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)

U.S. PATENT DOCUMENTS

(72) Inventors: **Eunbong Lee**, Seoul (KR); **Daihyung Ryu**, Seoul (KR)

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(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)

\* cited by examiner

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

*Primary Examiner* — Wan Laymon

(21) Appl. No.: **35/514,059**

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(22) Filed: **Mar. 25, 2022**

(57) **CLAIM**

(80) **Hague Agreement Data**

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

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Int. Reg. Date: **Mar. 25, 2022**

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**DESCRIPTION**

(30) **Foreign Application Priority Data**

Nov. 11, 2021 (KR) ..... 30-2021-0053810

(51) **LOC (14) Cl.** ..... **16-02**

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

(58) **Field of Classification Search**

USPC ..... D16/221, 230, 231, 225, 234; D21/514

CPC ..... G03B 21/00; G03B 21/14; G03B 21/145;

G03B 21/16; G03B 21/001; G03B

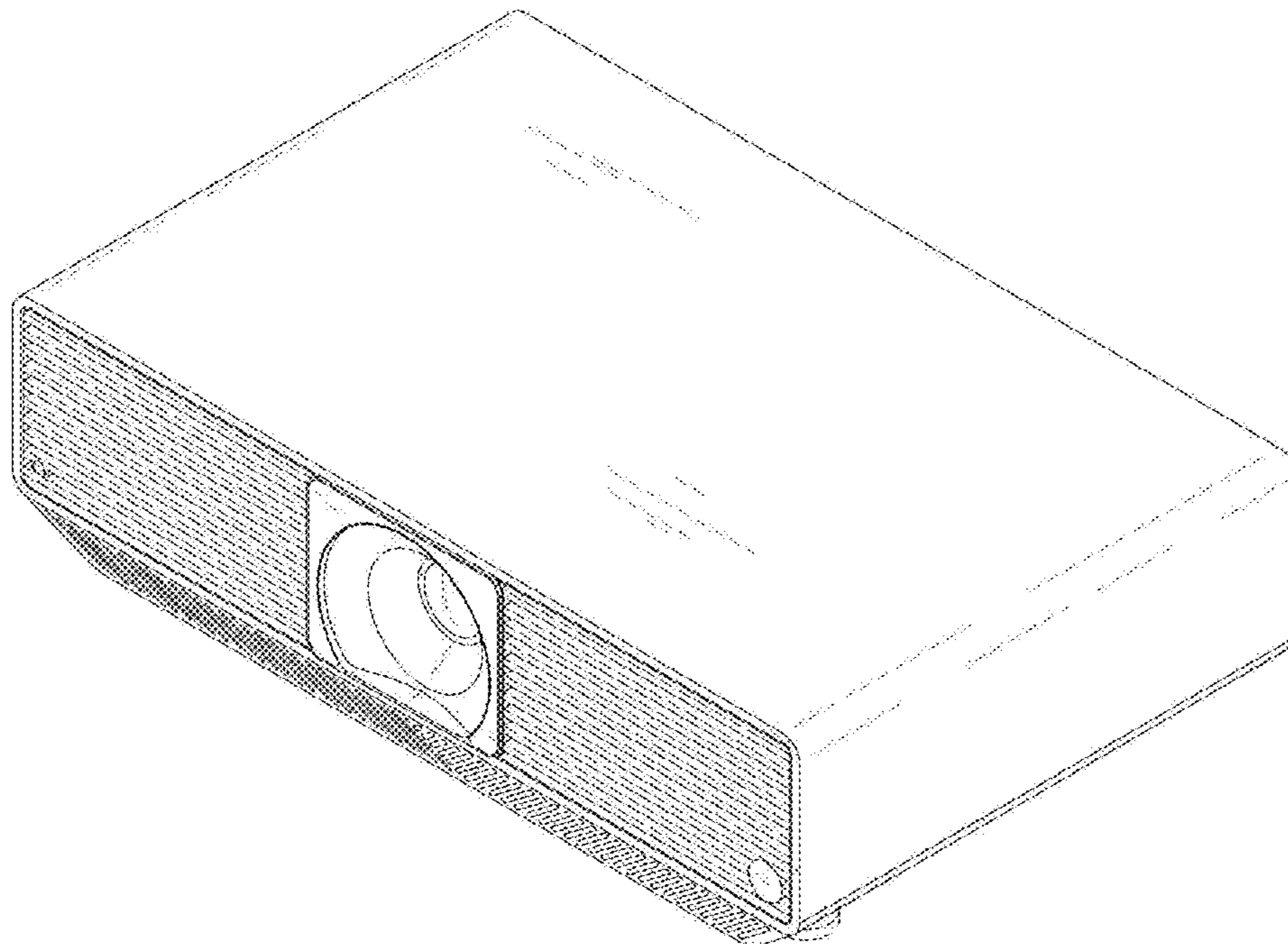
21/003; G03B 21/12

See application file for complete search history.

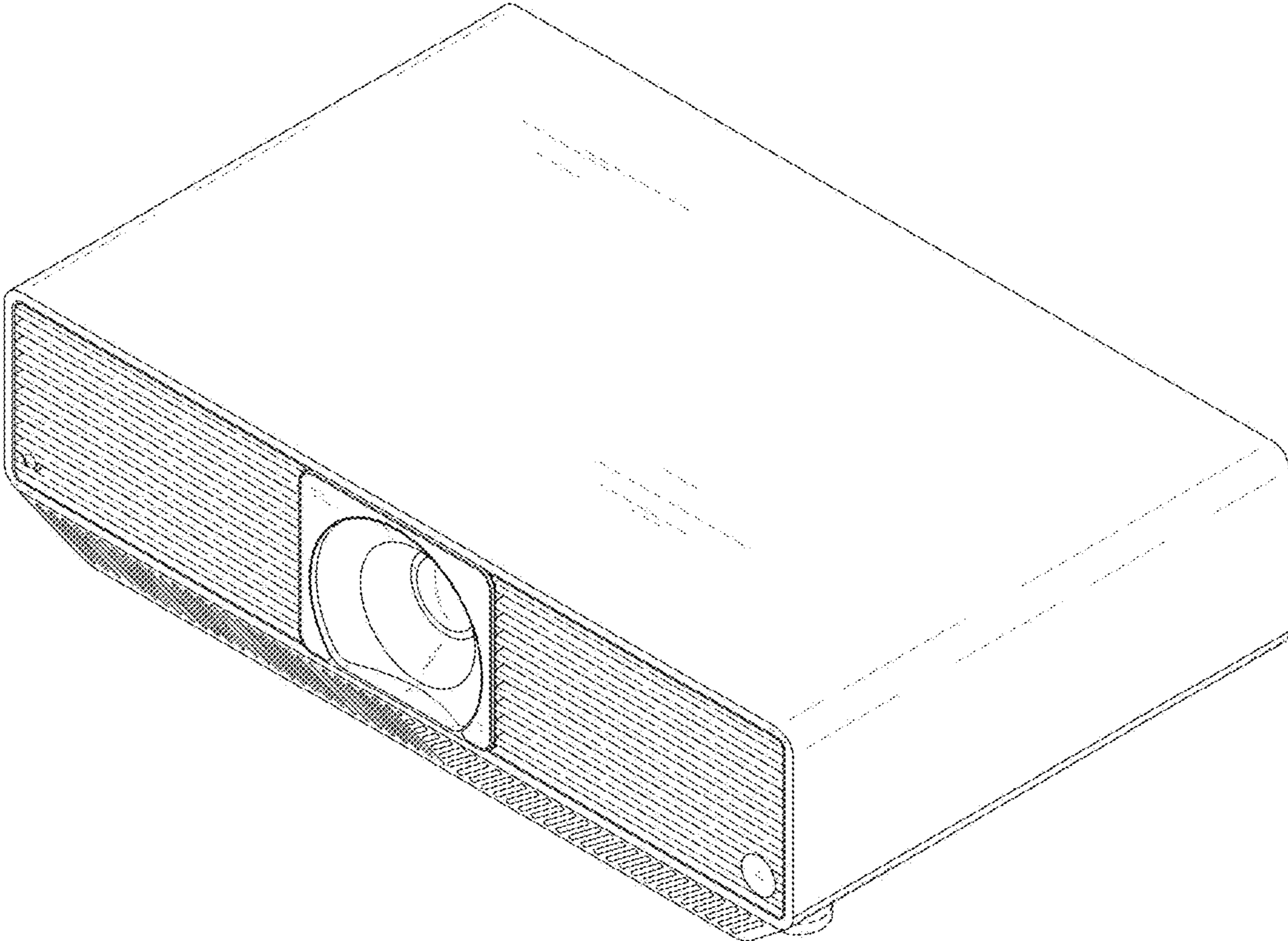
- 1. Beam projector
- 1.1 : Perspective
- 1.2 : Perspective
- 1.3 : Front
- 1.4 : Back
- 1.5 : Left
- 1.6 : Right
- 1.7 : Top
- 1.8 : Bottom

The broken lines shown in the reproductions depict portions of the beam projector and form no part of the claimed design; The shading lines in the reproductions are used to show the surface of the claimed design, and do not represent its surface ornamentation.

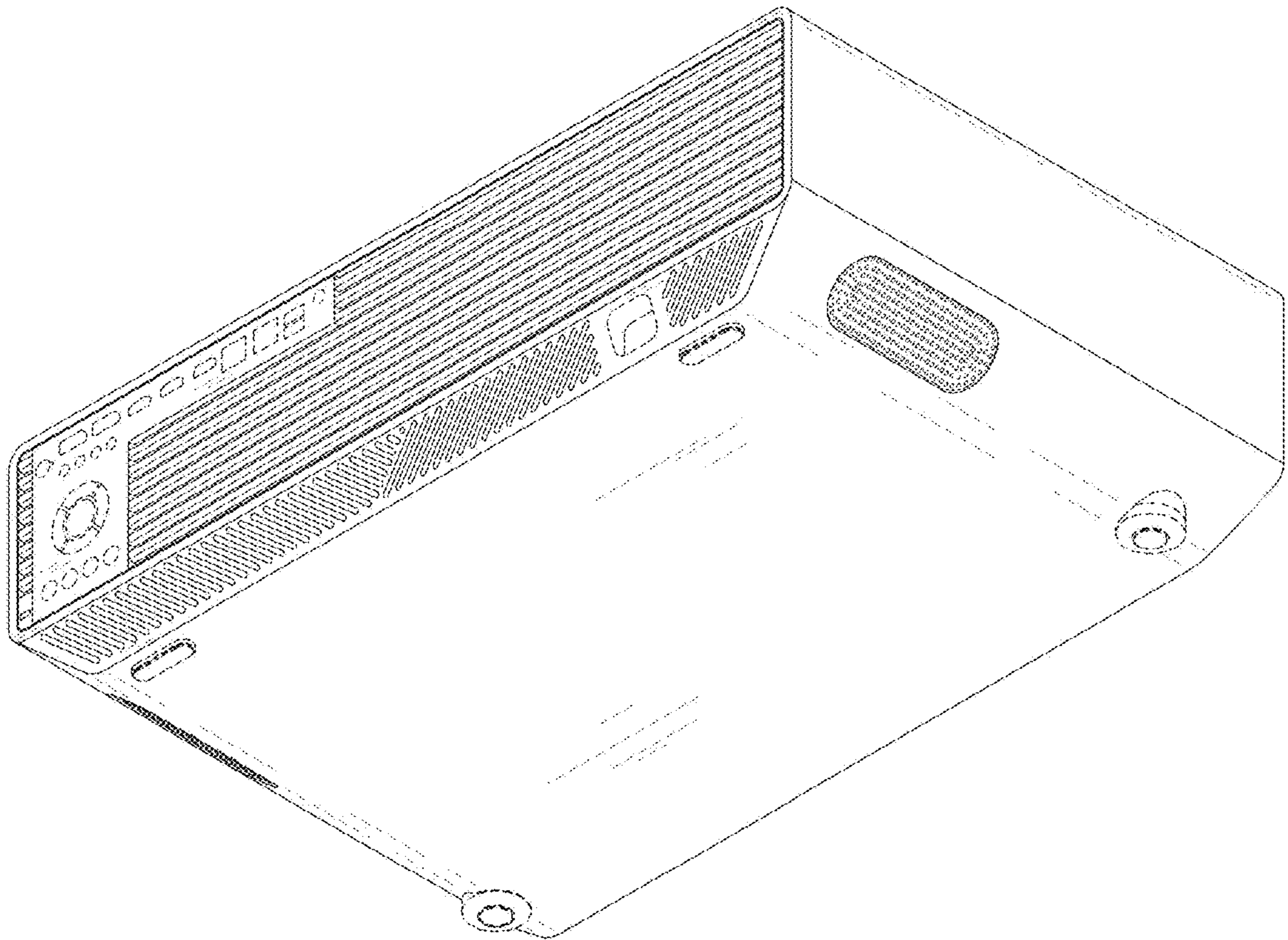
**1 Claim, 8 Drawing Sheets**



1.1

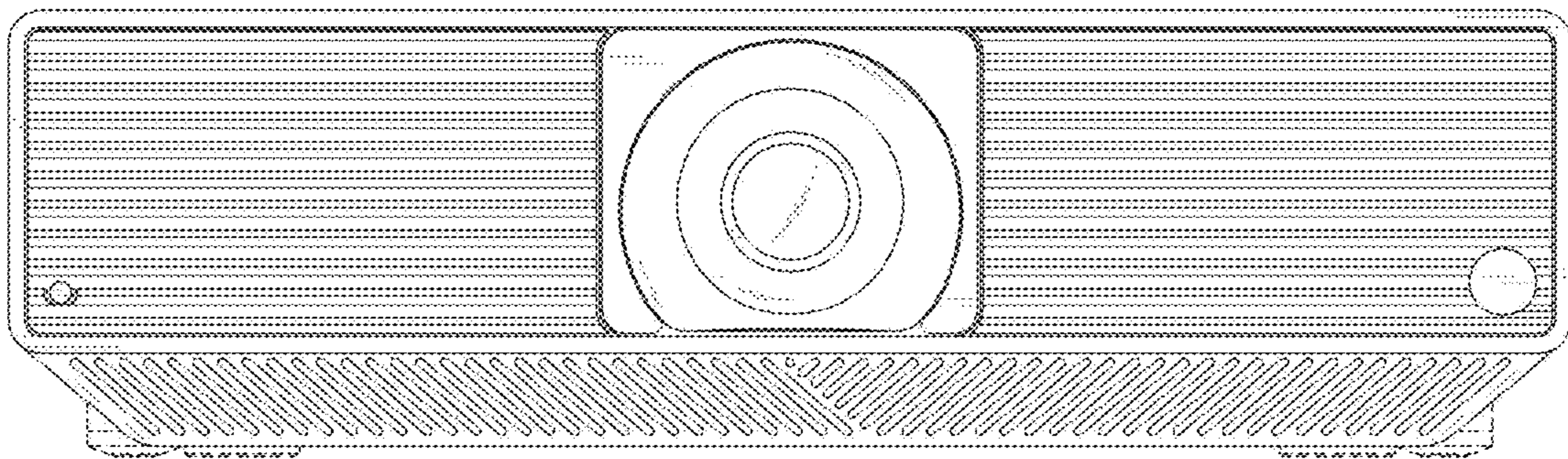


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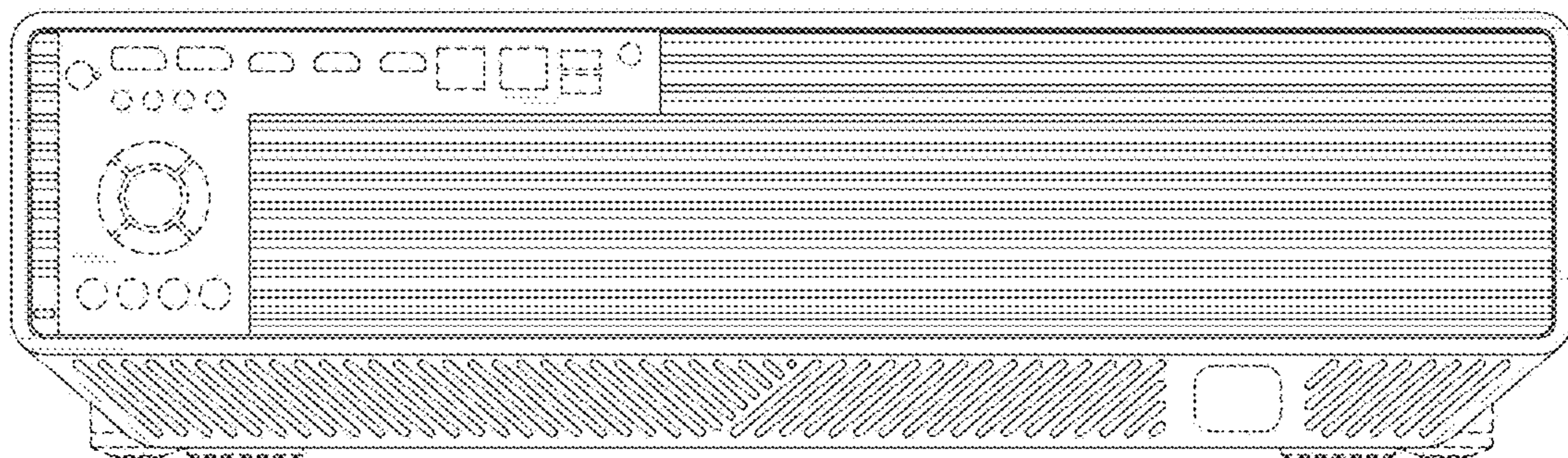




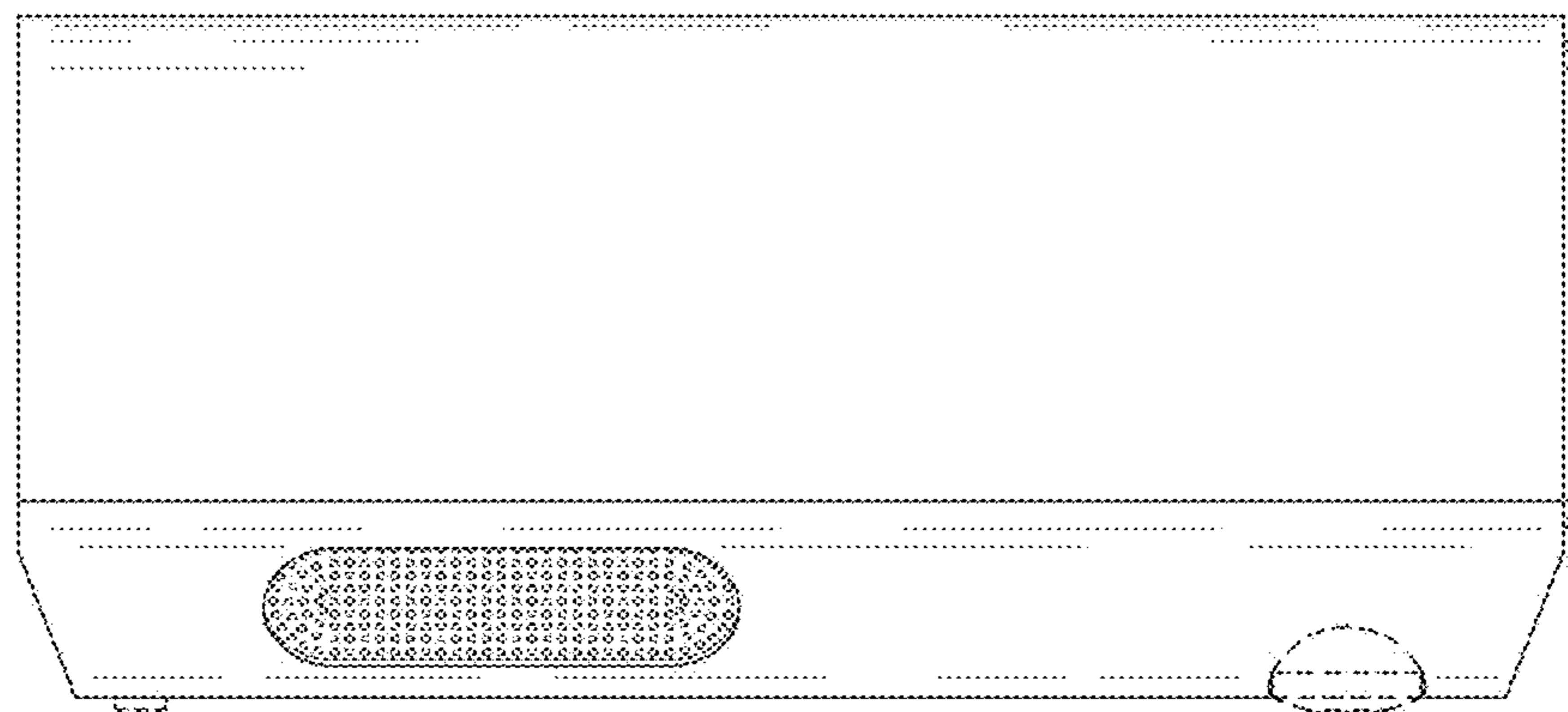
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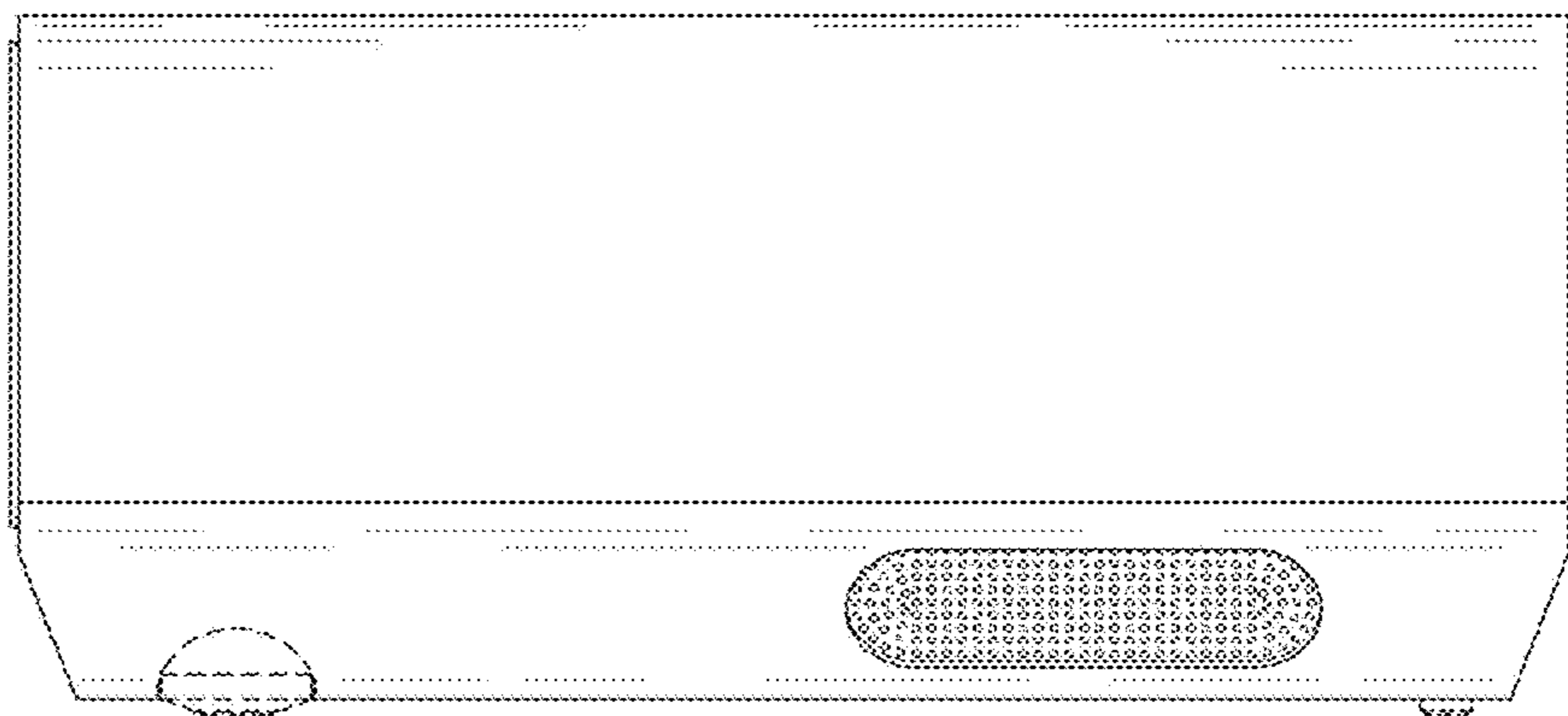
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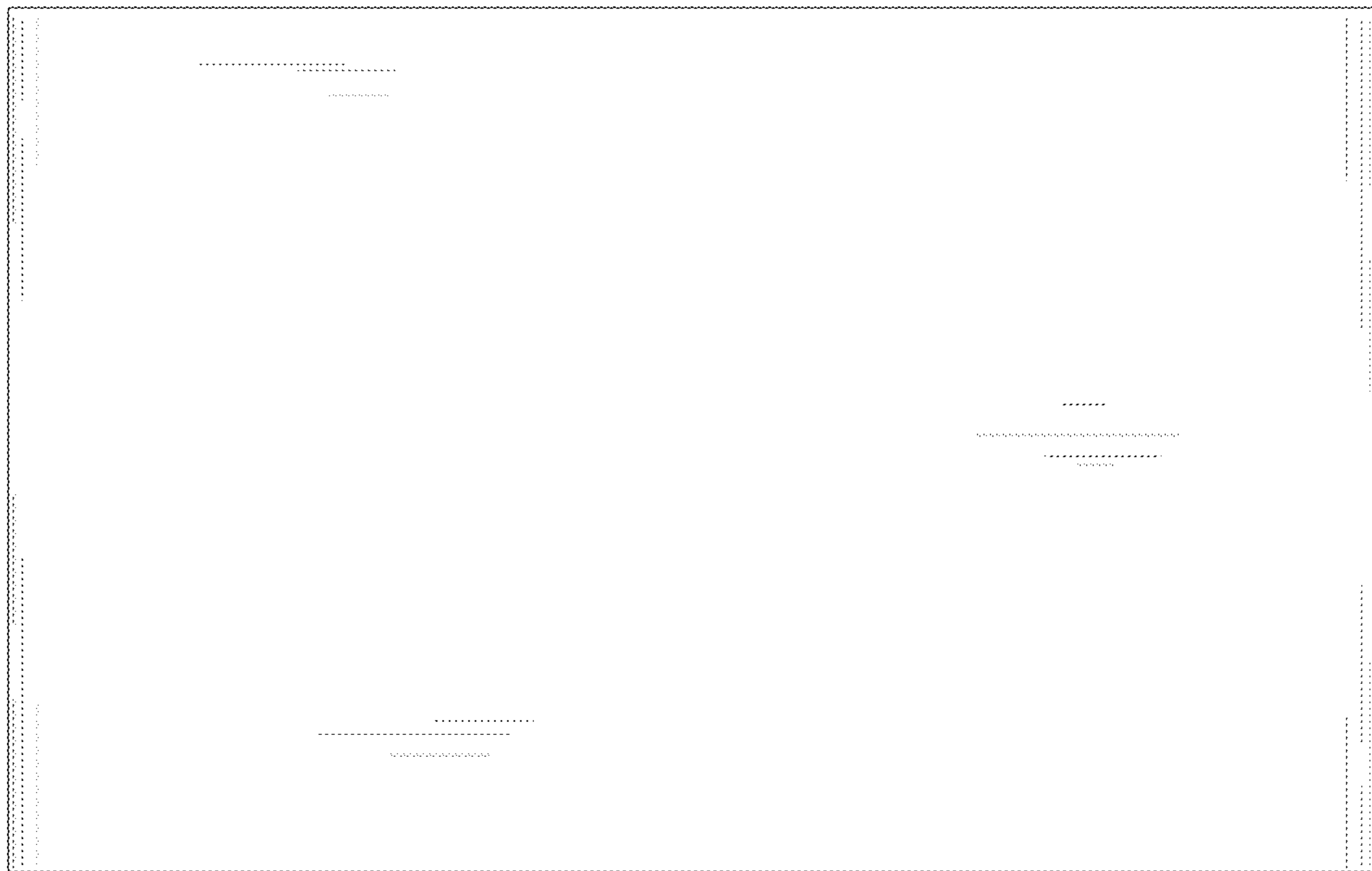
1.5



1.6



1.7





1.8

