

US00D835173S

(12) **United States Design Patent** (10) **Patent No.:** **US D835,173 S**
Gui (45) **Date of Patent:** **** Dec. 4, 2018**

(54) **MINI PROJECTOR**
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(73) Assignee: **Yuzhi Gui** (CN)
(**) Term: **15 Years**
(21) Appl. No.: **29/619,655**
(22) Filed: **Sep. 29, 2017**
(51) **LOC (11) Cl.** **16-02**
(52) **U.S. Cl.**
USPC **D16/230; D16/225**
(58) **Field of Classification Search**
USPC D16/221, 225, 230–231, 234, 229;
D21/514; 353/119
CPC G03B 21/14; G03B 21/145; G03B 21/12;
G03B 21/00; G03B 21/001; G03B 21/003
See application file for complete search history.

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(57) **CLAIM**
The ornamental design for a mini projector, as shown and described.

DESCRIPTION
FIG. 1 is a perspective upper front and left View of a mini projector;
FIG. 2 is a front View thereof;
FIG. 3 is a rear View thereof;
FIG. 4 is a top View thereof;
FIG. 5 is a bottom View thereof;
FIG. 6 is a right View thereof;
FIG. 7 is a left View thereof;
FIG. 8 is a perspective left View of a portion of the mini projector, showing, in particular, a sliding switch of the mini projector in a larger scale;
FIG. 9 is a perspective left and rear View of a portion of the mini projector, showing, in particular, the sliding switch on the left side and a socket on the rear side of the mini projector;
FIG. 10 is a perspective front and left View of a portion of the mini projector, showing, in particular, the objective lens and a front part of a gap in the housing of the mini projector in a larger scale;
FIG. 11 is a perspective upper front and right View of a portion of the mini projector, showing, in particular, the objective lens and a front part of the gap in the housing of the mini projector as well as four control knobs;
FIG. 12 is a perspective top View of a portion of the mini projector, showing, in particular, a portion of the gap in the housing of the mini projector and a socket located on the lower side of the gap as well as a portion of the four control knobs; and,
FIG. 13 is a perspective View of a portion of the mini projector along the gap of the mini projector, showing the lower side of the gap.
It is to be noted that FIGS. 8-13 are detail views. The detail views show portions of the mini projector on a larger scale.

1 Claim, 13 Drawing Sheets





Fig. 1

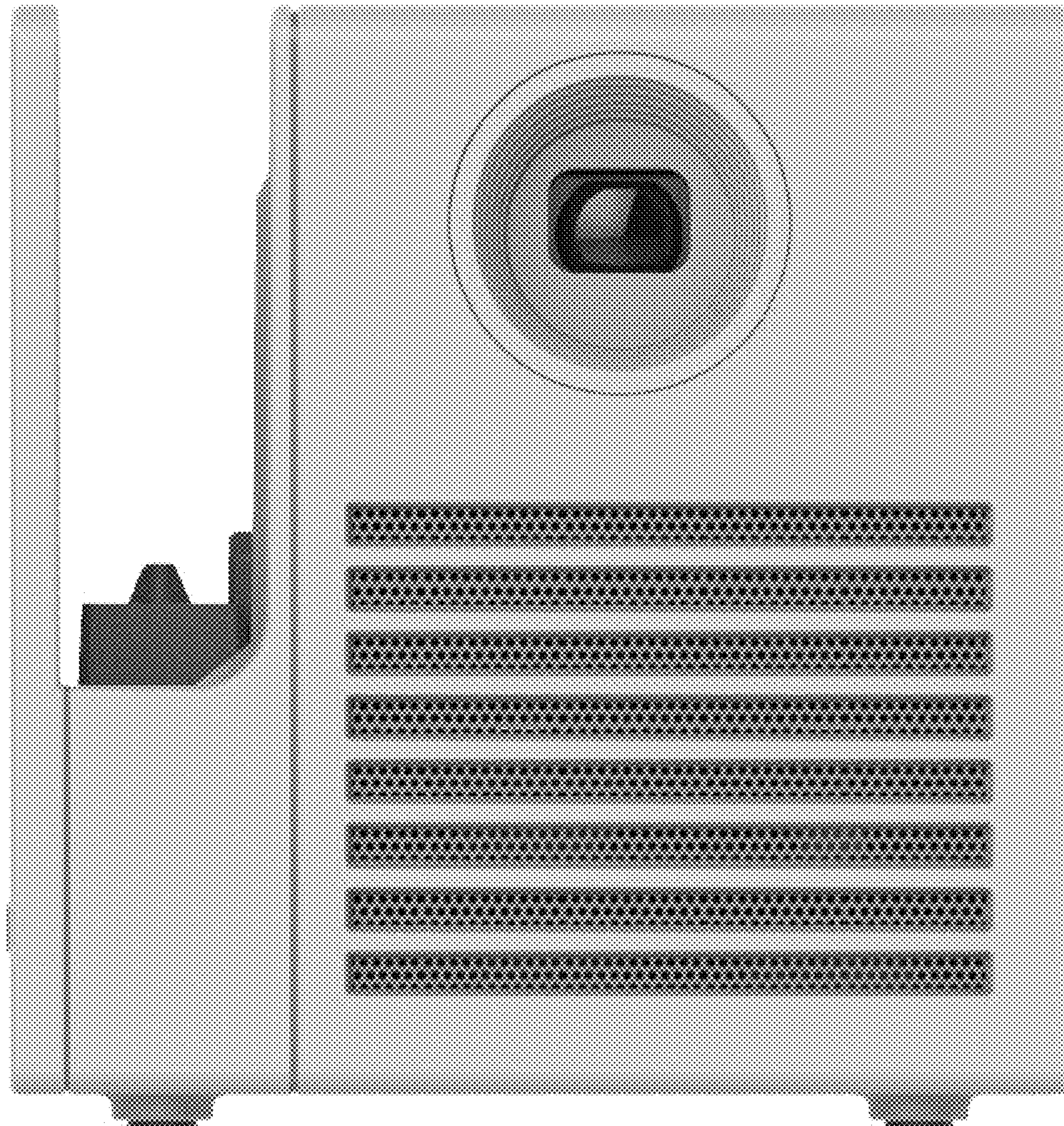


Fig. 2

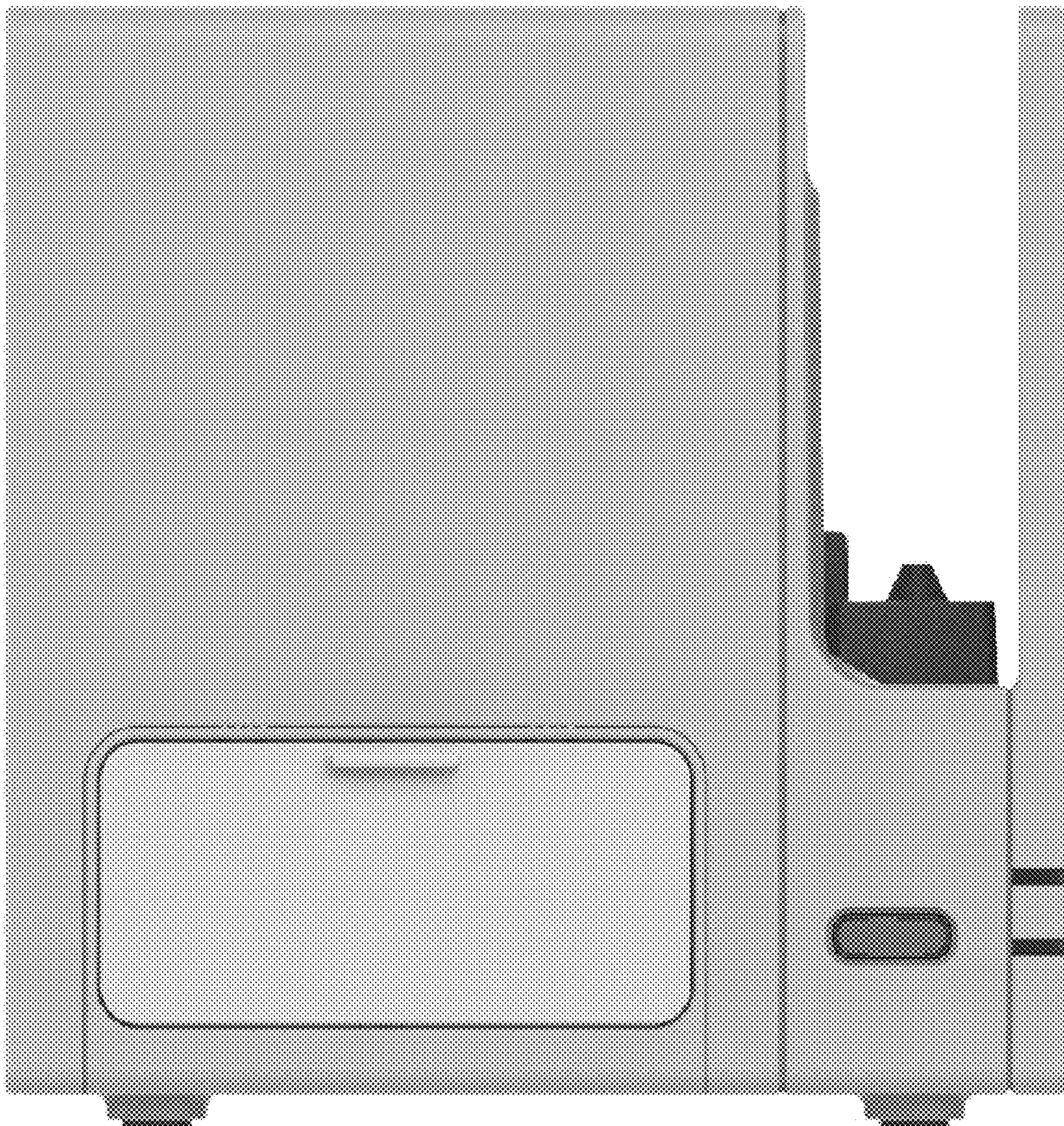


Fig. 3

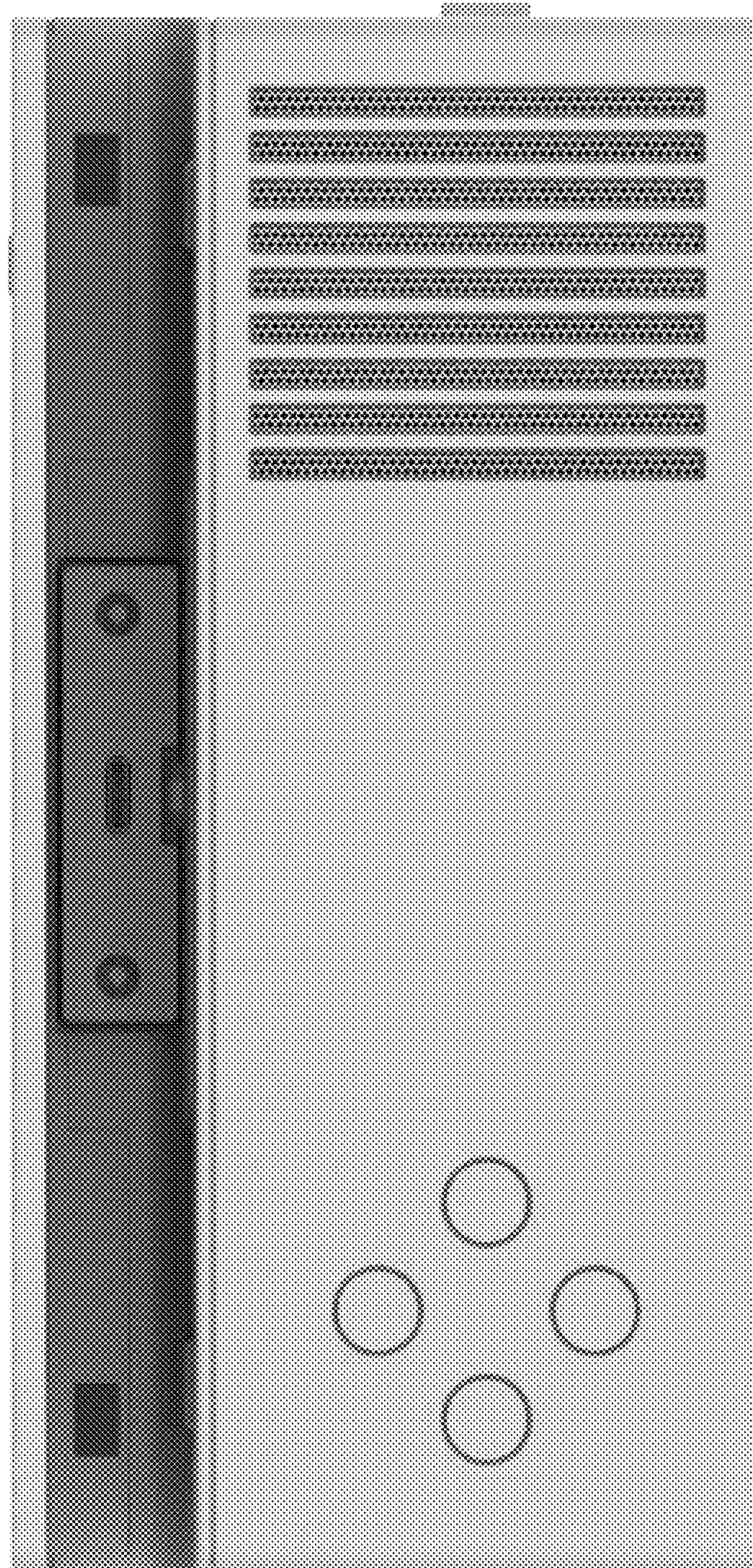


Fig. 4

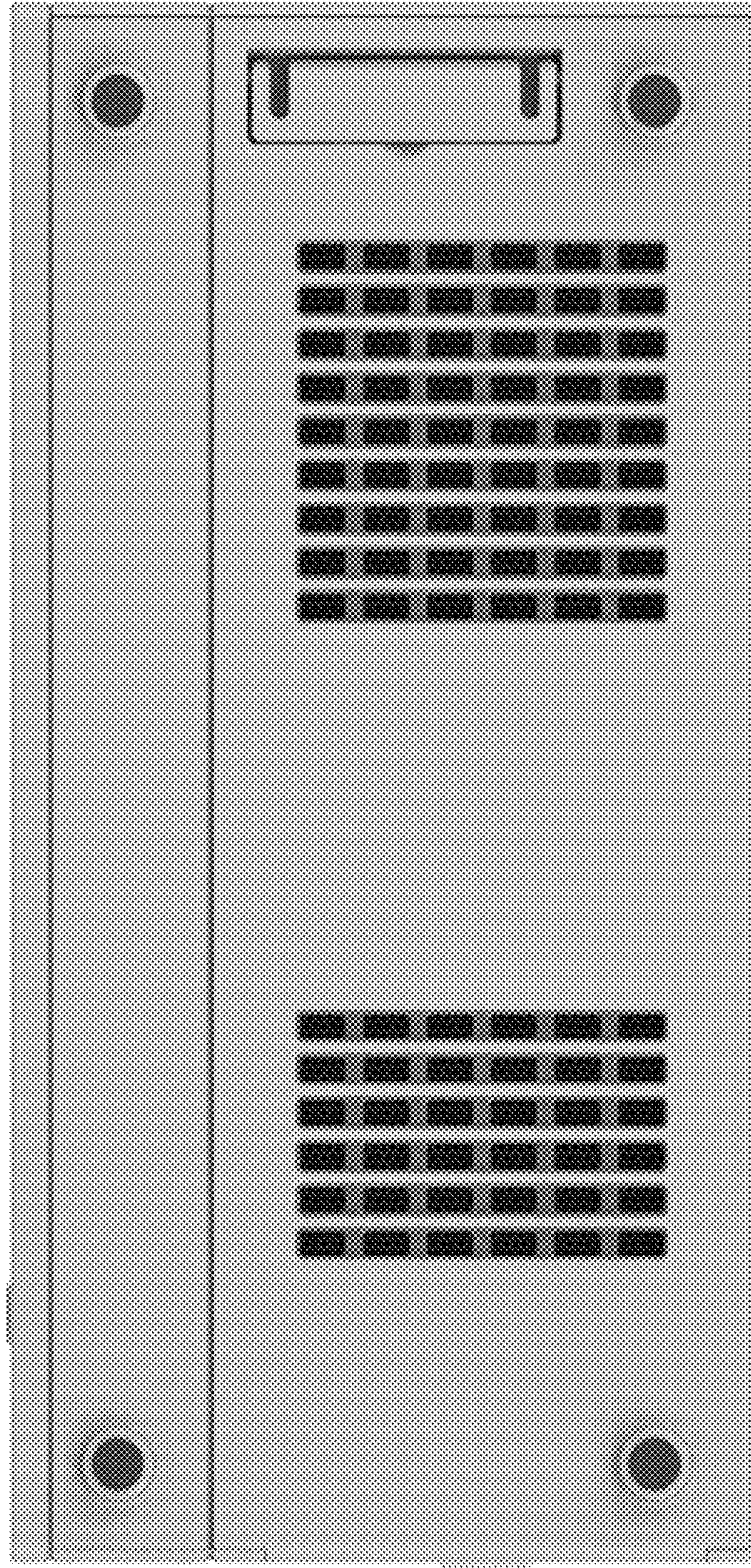


Fig. 5

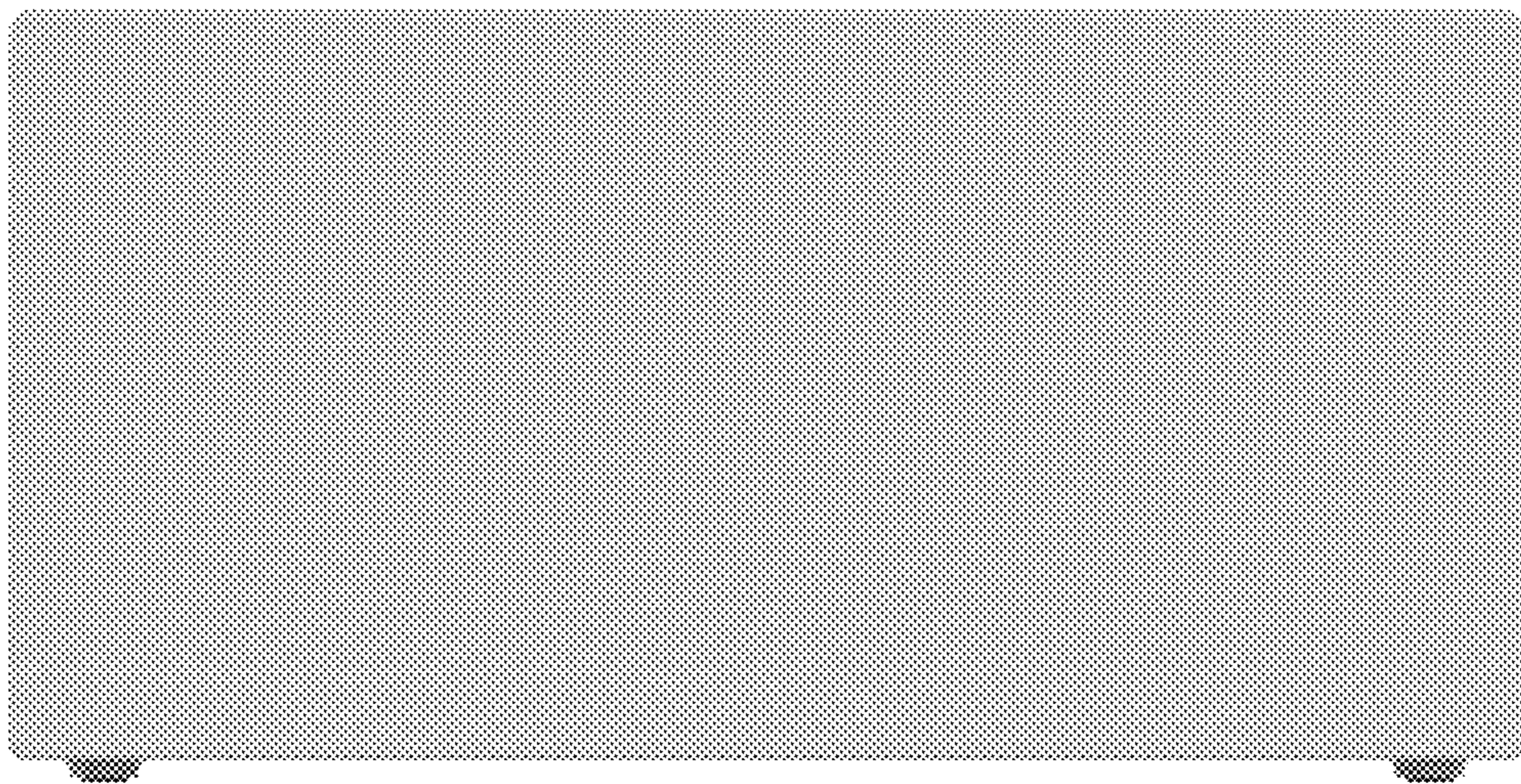


Fig. 6

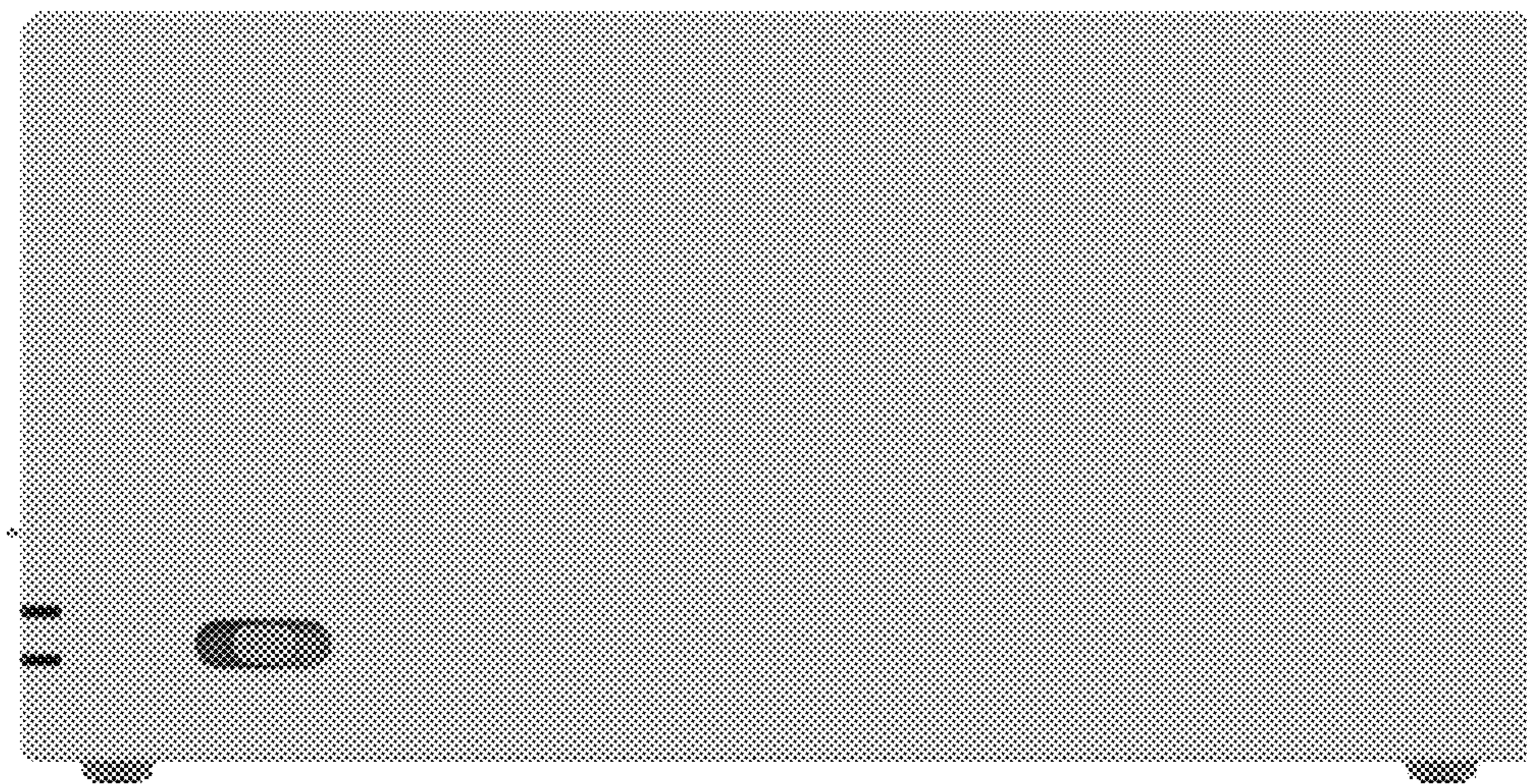


Fig. 7

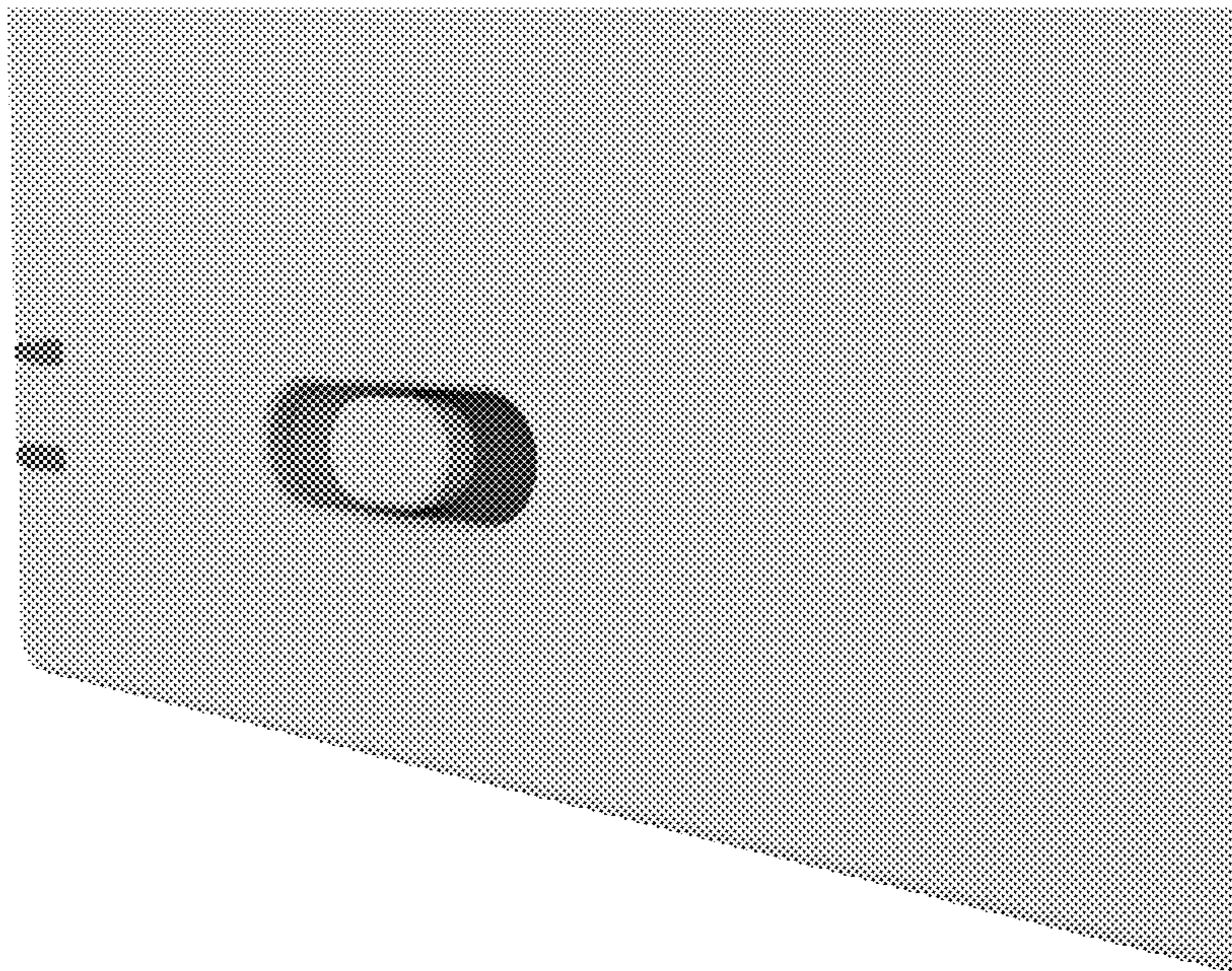


Fig. 8



Fig. 9

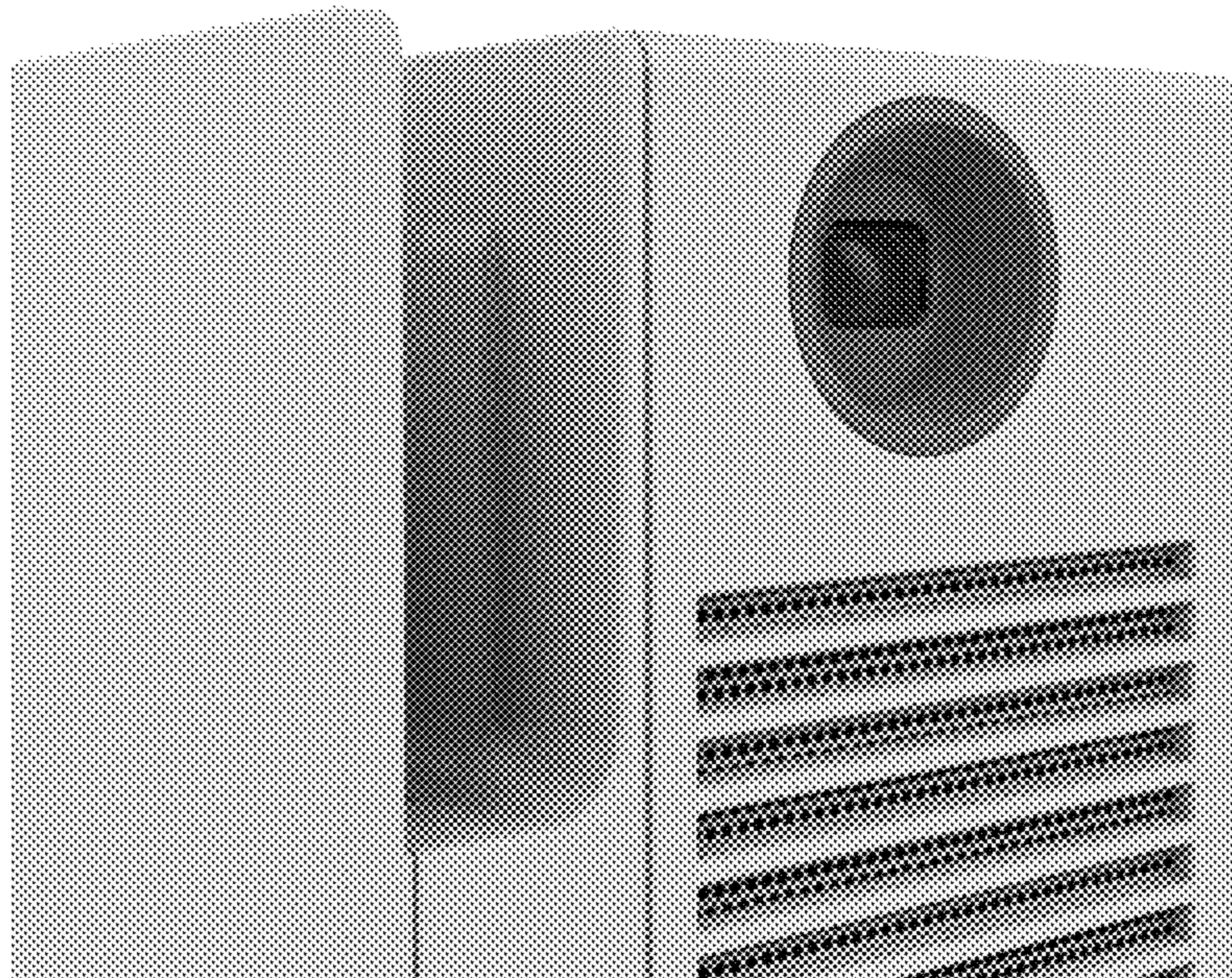


Fig. 10

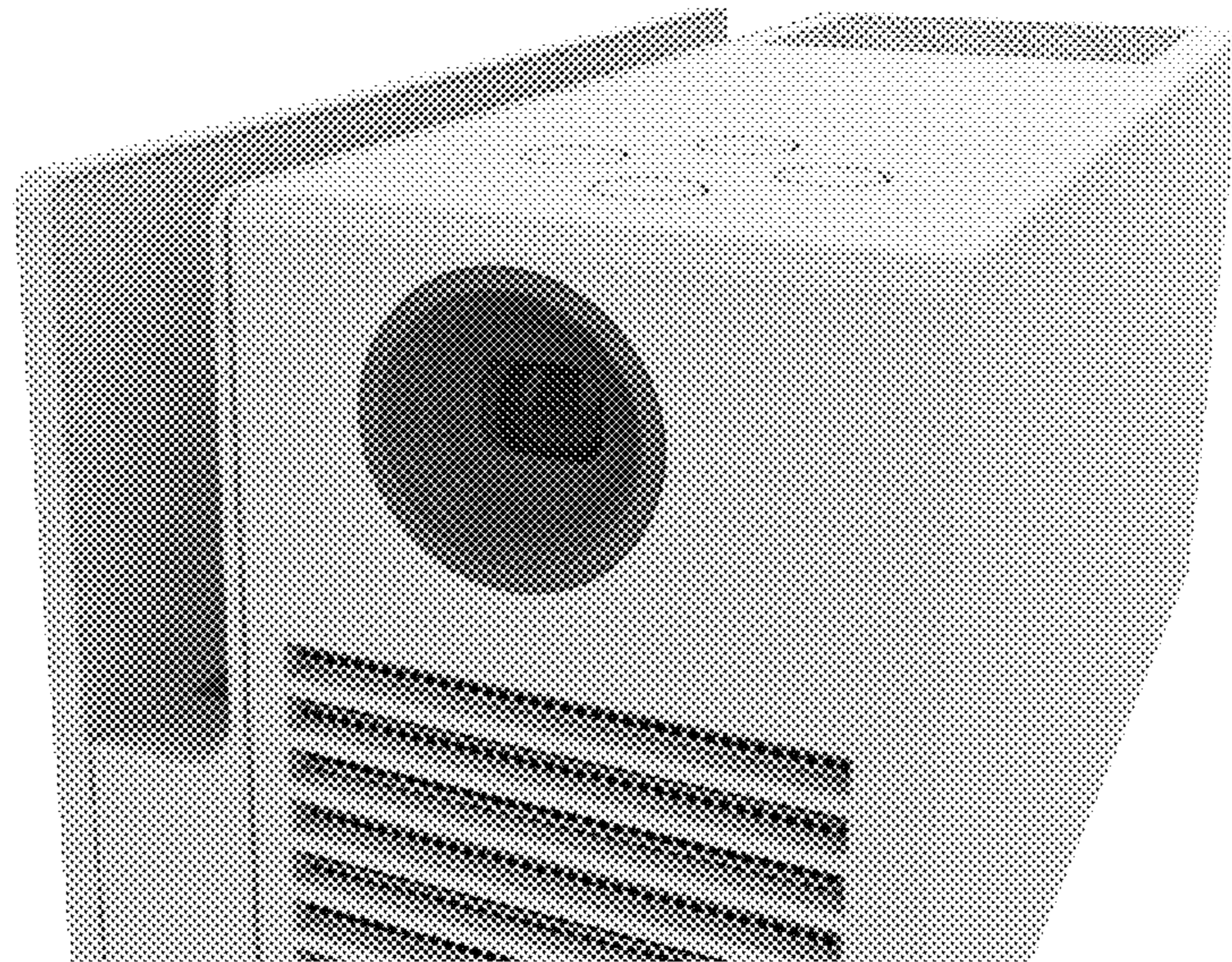


Fig. 11

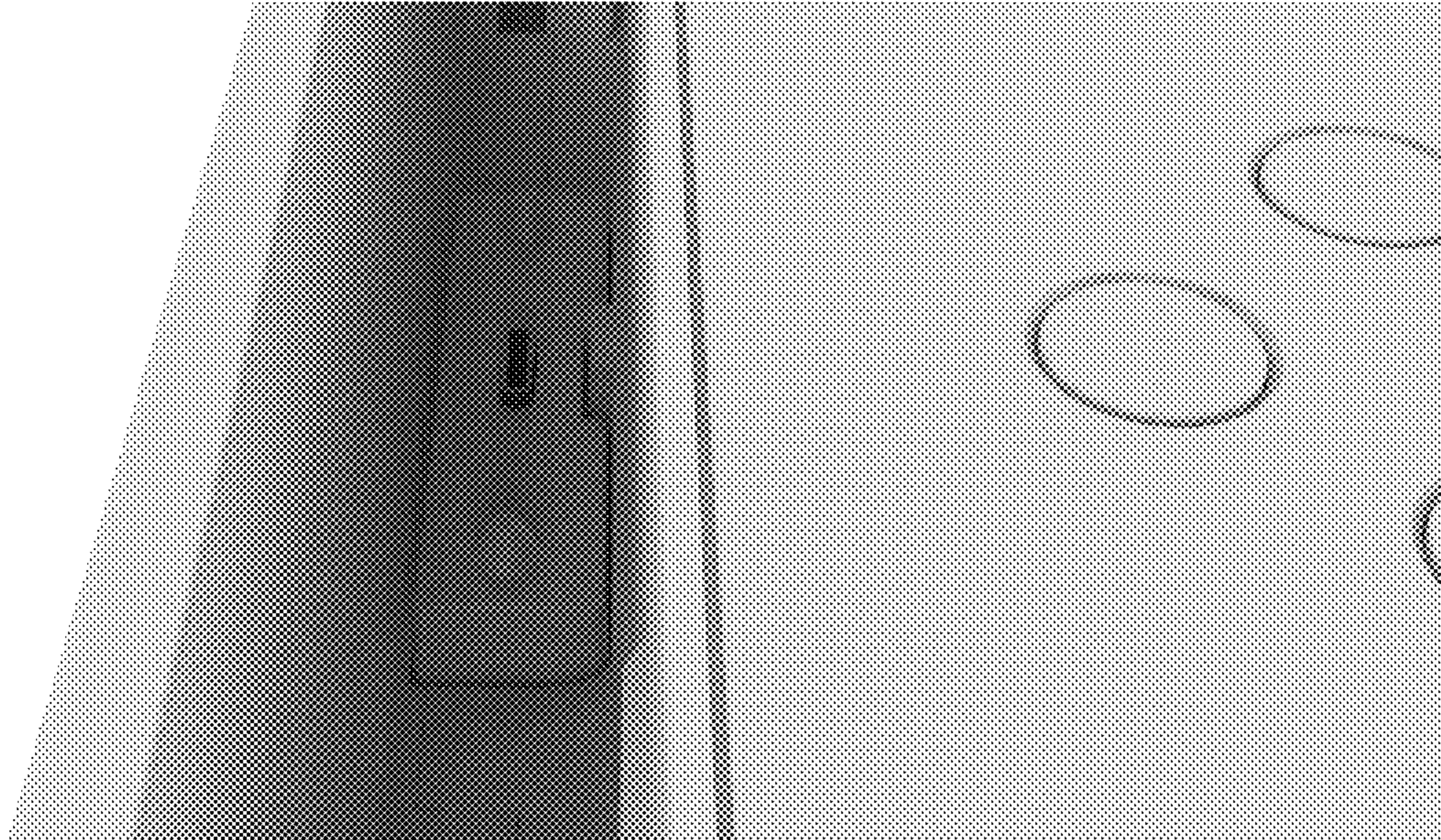


Fig. 12

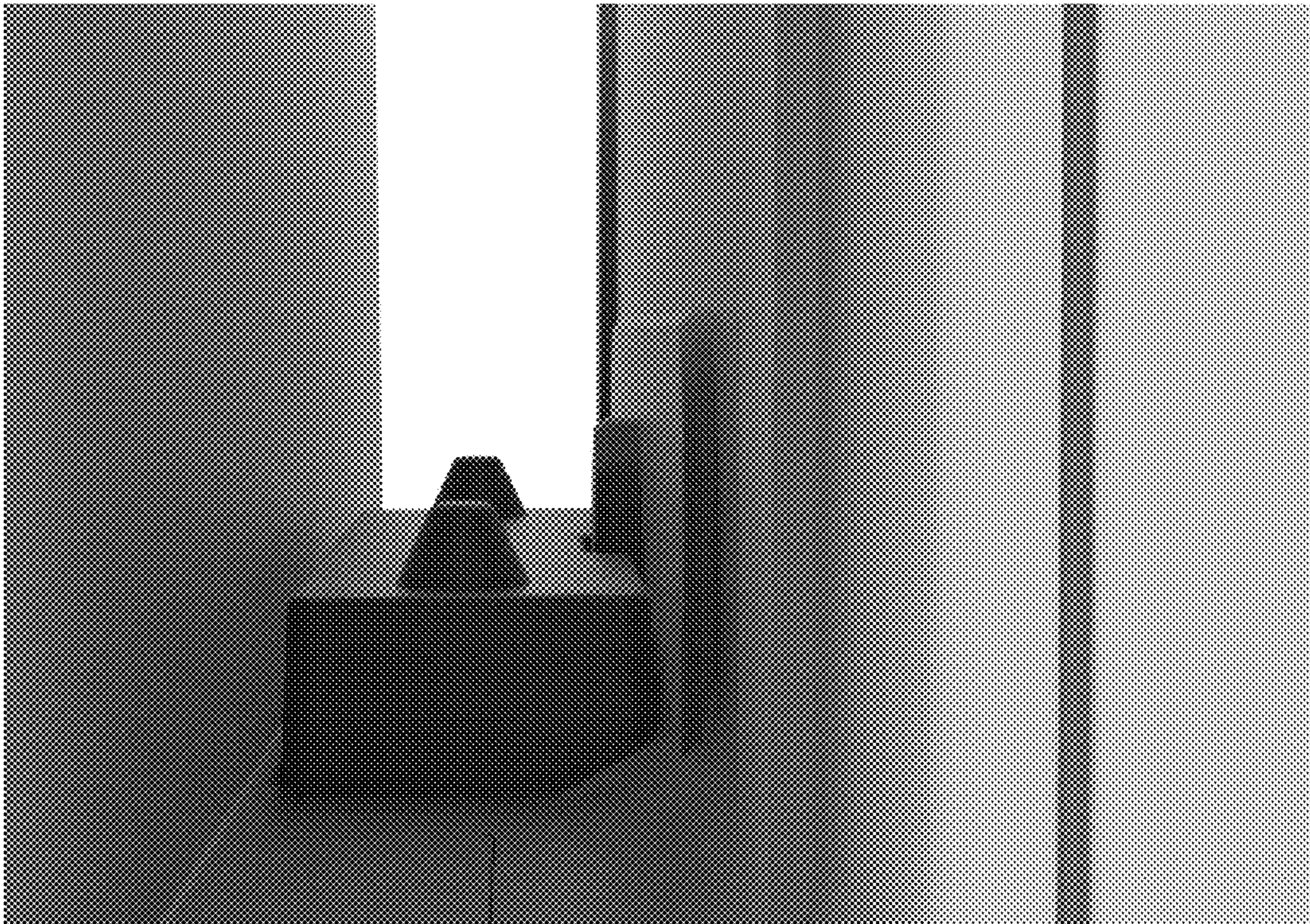


Fig. 13