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

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(54) **PREHEATER FOR MELTING SOLDER**

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(73) Assignee: **Hakko Corporation**, Osaka (JP)

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

(21) Appl. No.: **29/272,075**

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(30) **Foreign Application Priority Data**

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(51) **LOC (8) Cl.** ..... **15-09**

(52) **U.S. Cl.** ..... **D15/144.2**

(58) **Field of Classification Search** ..... D15/144,  
D15/144.1, 144.2; 219/125.1, 130.5, 132;  
228/20.5, 40, 46, 51

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a preheater for melting solder, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a preheater for melting solder;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

**1 Claim, 4 Drawing Sheets**

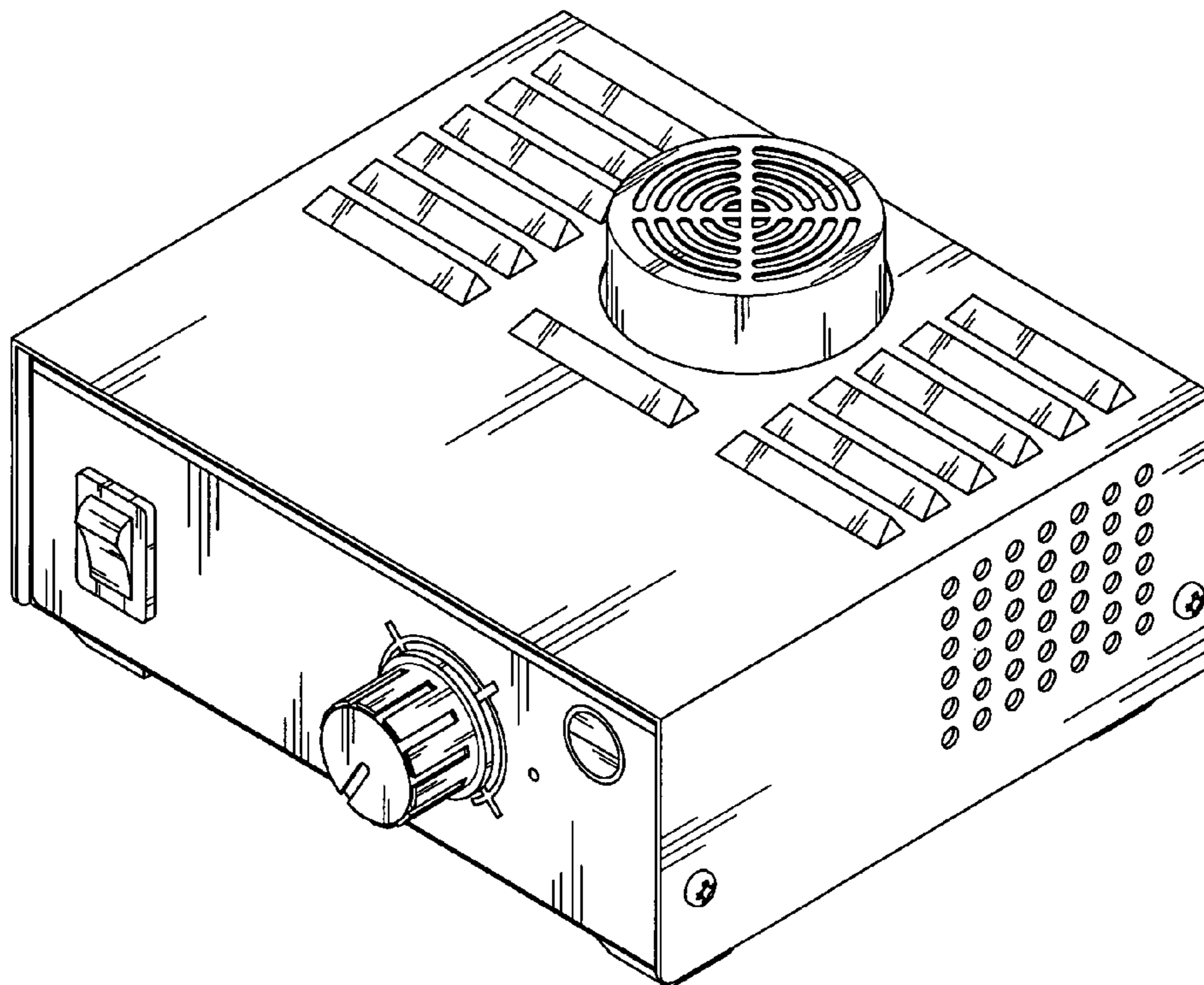


Fig.1

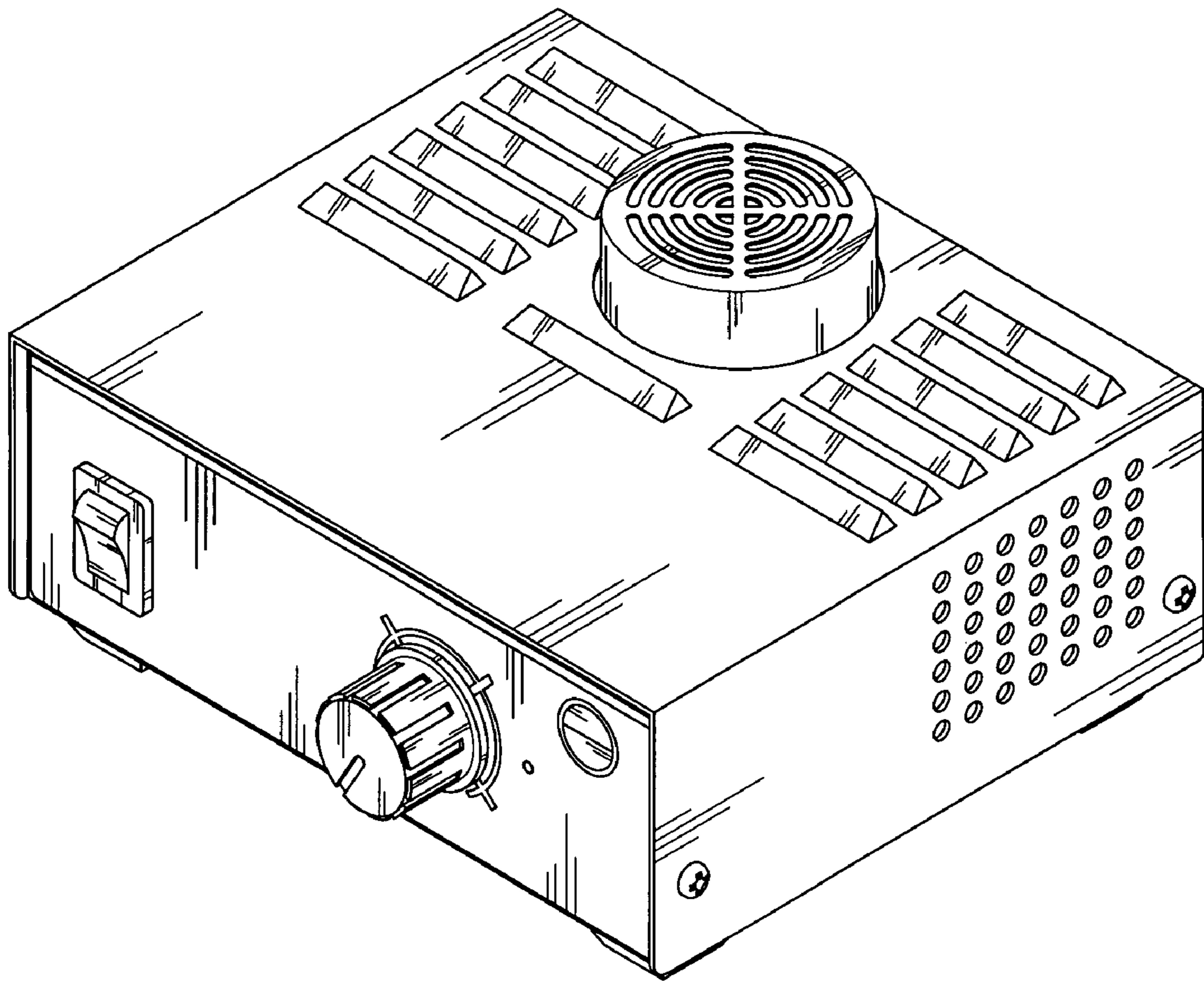


Fig.2

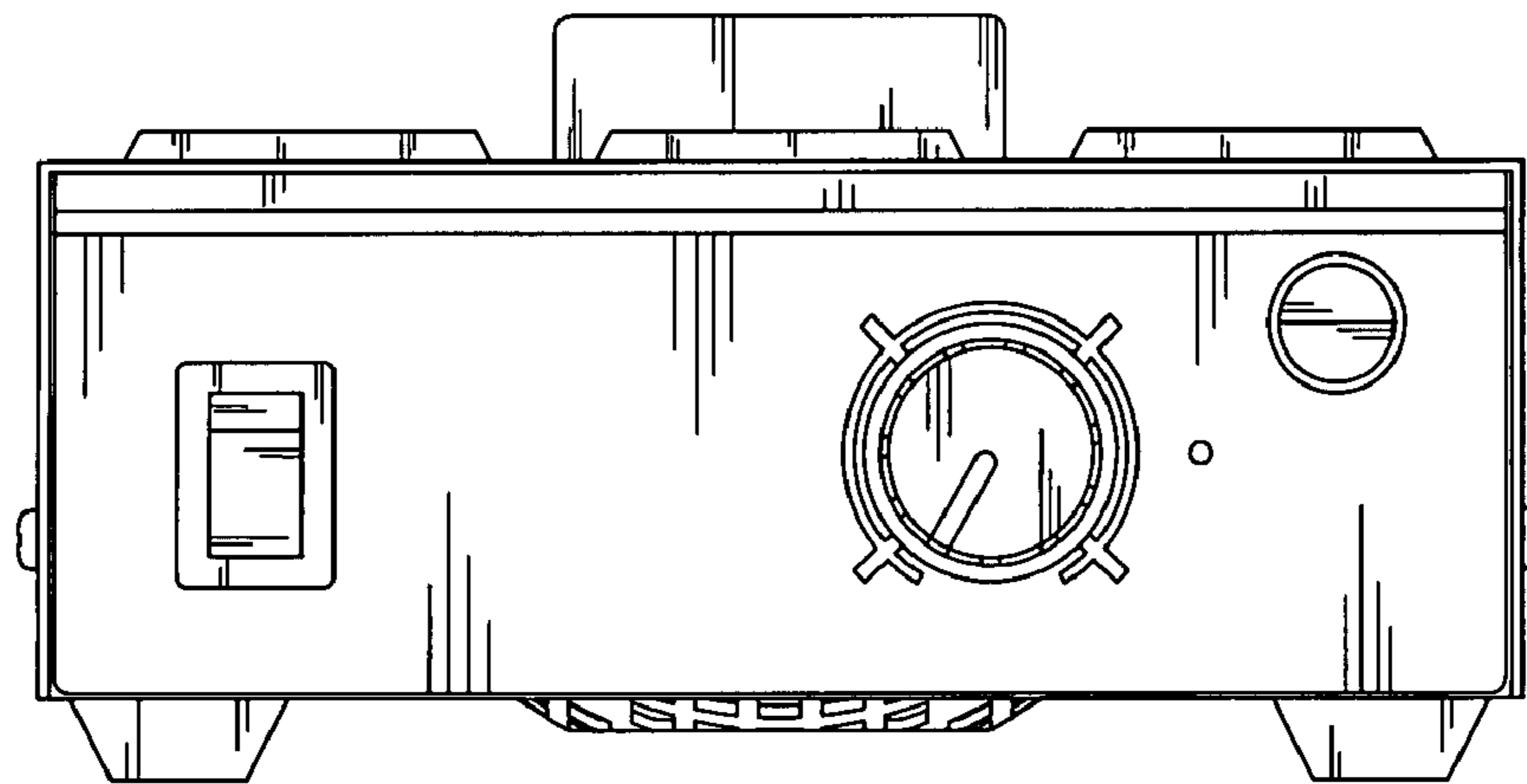


Fig.3

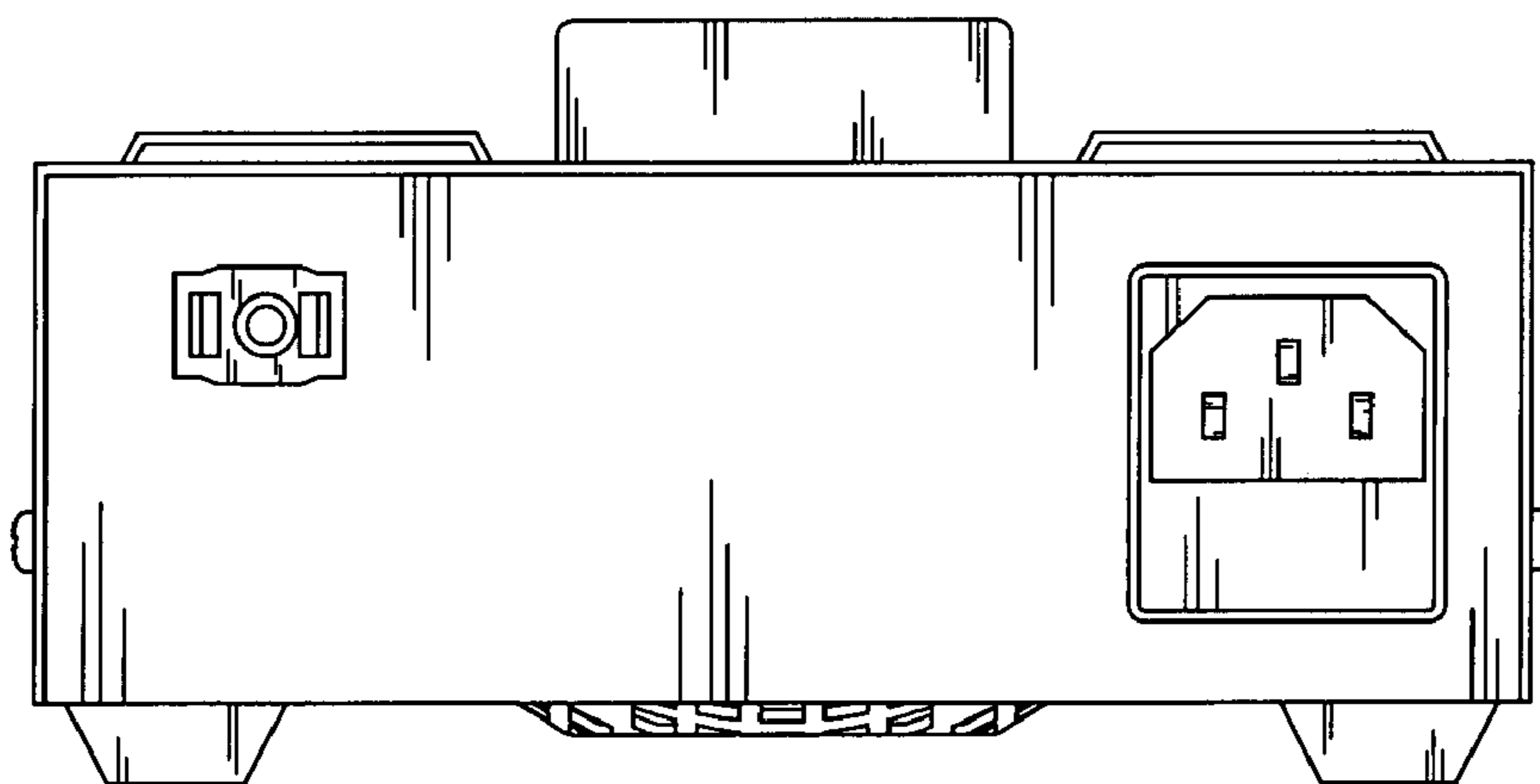


Fig.4

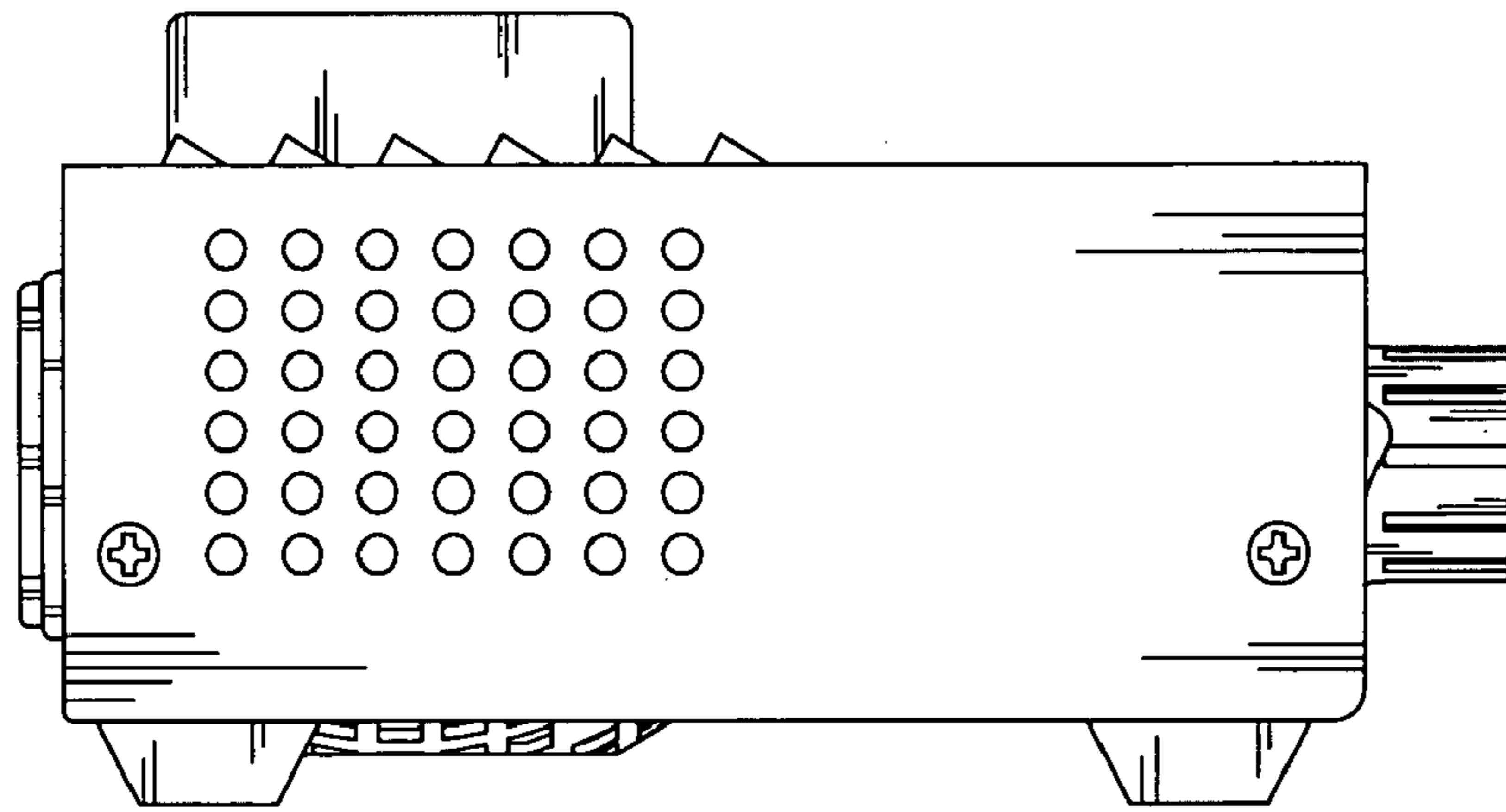


Fig.5

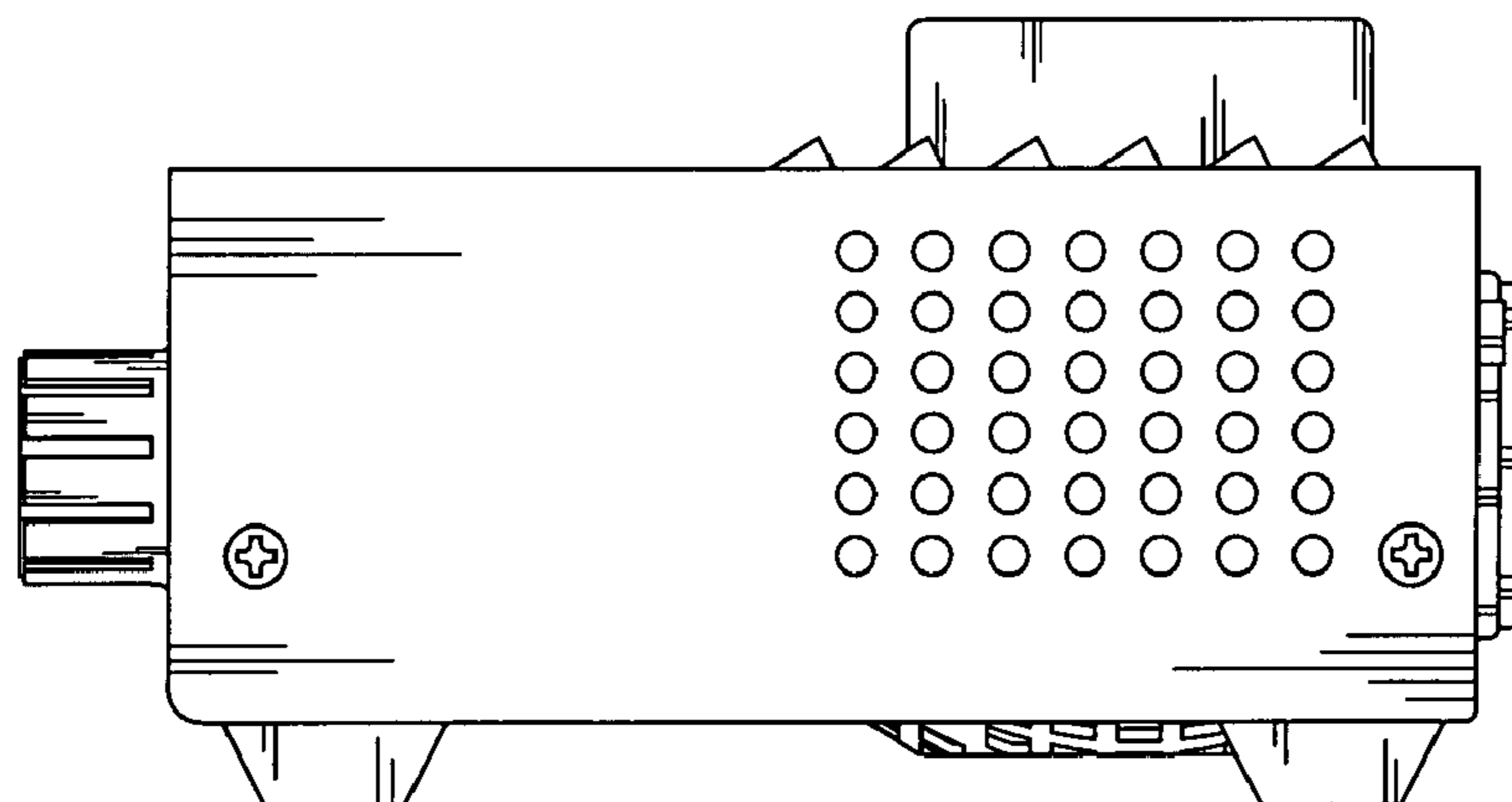


Fig.6

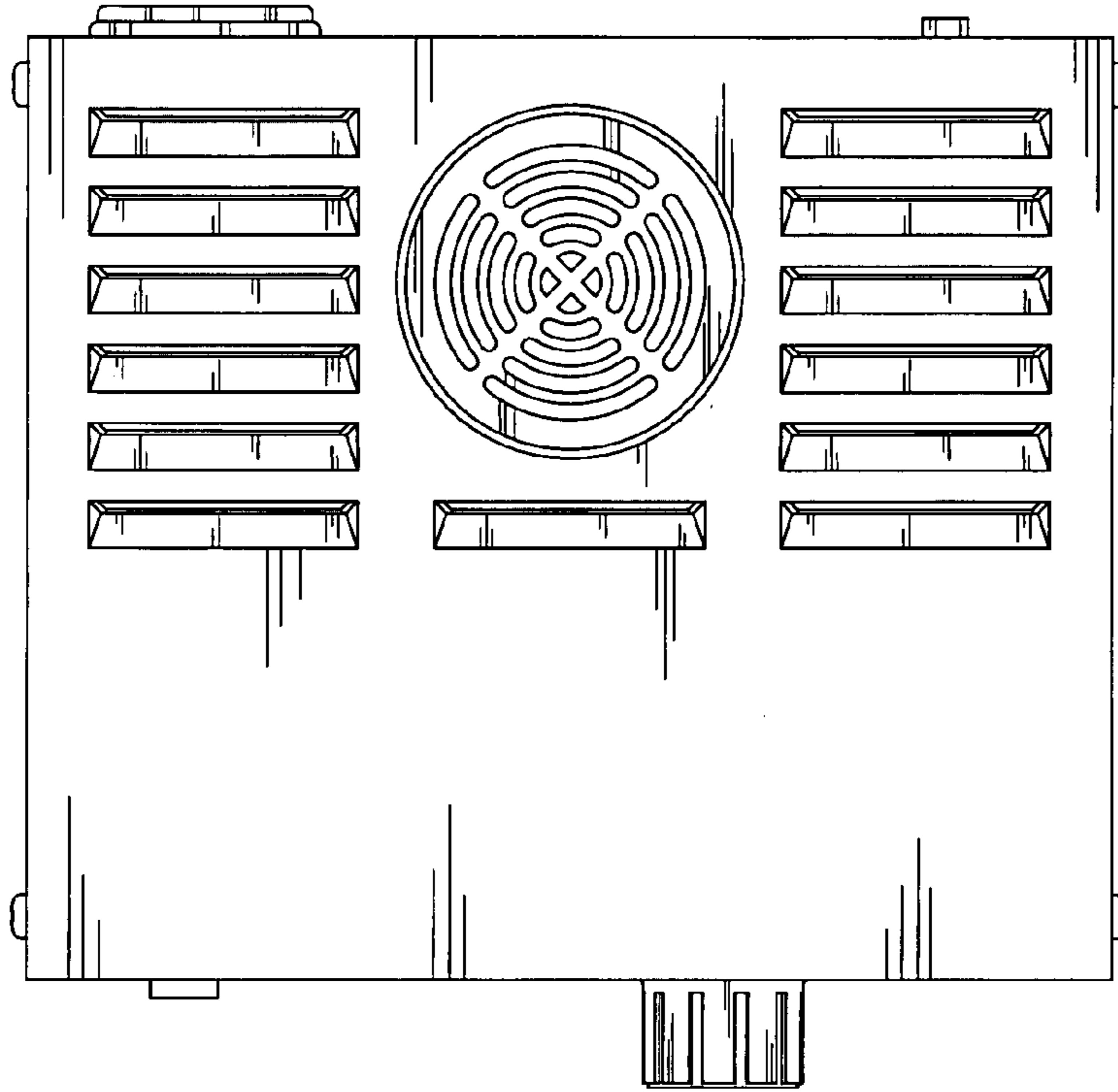


Fig.7

