



US00D479589S

(12) **United States Design Patent**  
**Koike**

(10) **Patent No.:** **US D479,589 S**

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(54) **ELECTRIC FAN HEATER**

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(73) **Assignee:** **Sharp Kabushiki Kaisha**, Osaka (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (7) Cl.** ..... **23-03**

(52) **U.S. Cl.** ..... **D23/336**

(58) **Field of Search** ..... D23/314, 328,  
D23/332, 335-8, 340, 341, 370, 377, 380-2;  
392/360, 365-9, 373-6; 312/236; 126/110 B,  
110 D, 90 A, 92 A

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D267,970 S \* 2/1983 Gronwick ..... D23/336

D271,132 S \* 10/1983 Boldt et al. .... D23/336

D343,231 S \* 1/1994 Lim ..... D23/336

D346,017 S \* 4/1994 Lim ..... D23/336

D389,567 S \* 1/1998 Gudefin ..... D23/381

D468,414 S \* 1/2003 Fok ..... D23/328

\* cited by examiner

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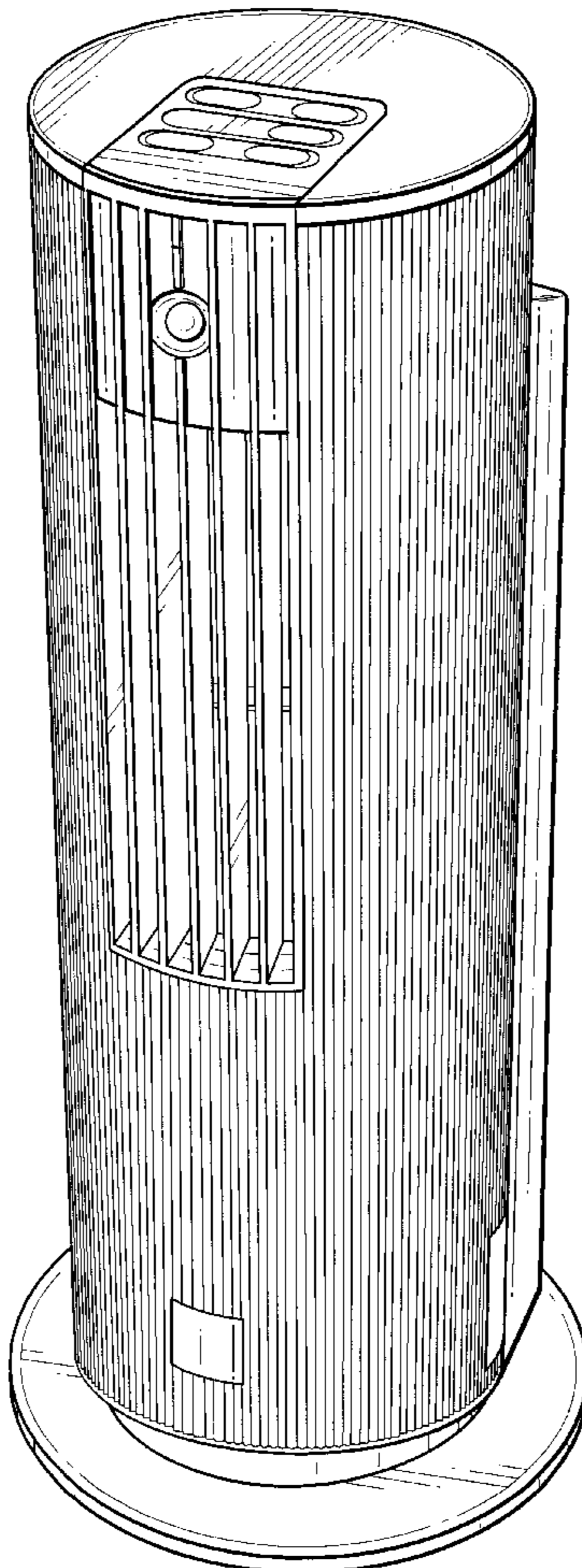
(57) **CLAIM**

The ornamental design for an “electric fan heater”, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and right side perspective view of an electric fan heater according to my 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 bottom plan view thereof; FIG. 6 is a right side elevational view thereof; and, FIG. 7 is a left side elevational view thereof.

**1 Claim, 6 Drawing Sheets**



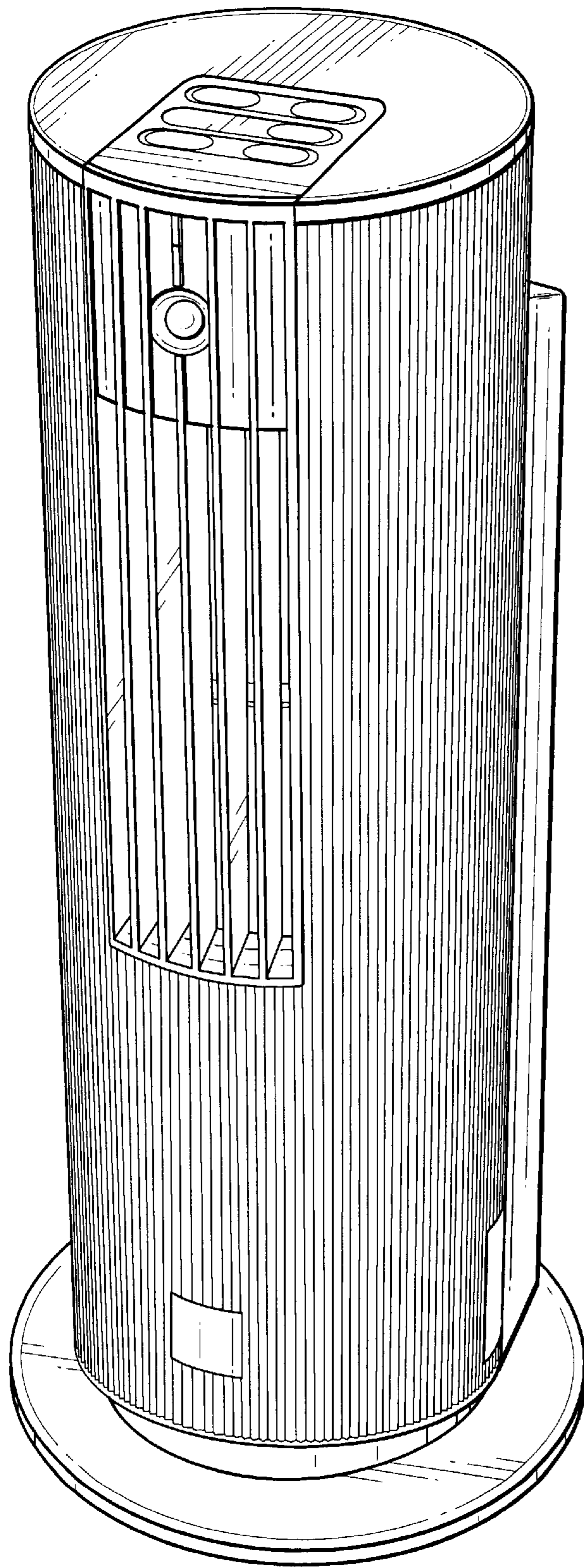


Fig. 1

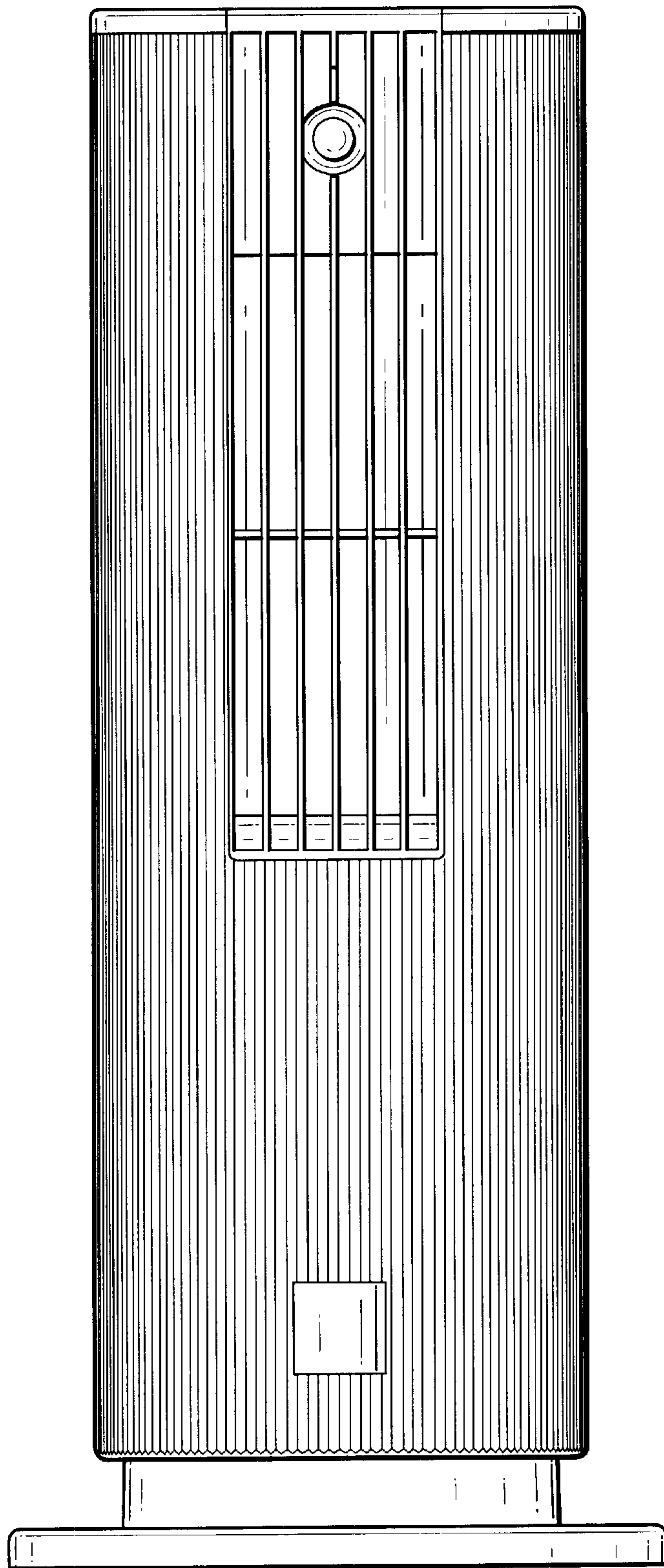


Fig. 2

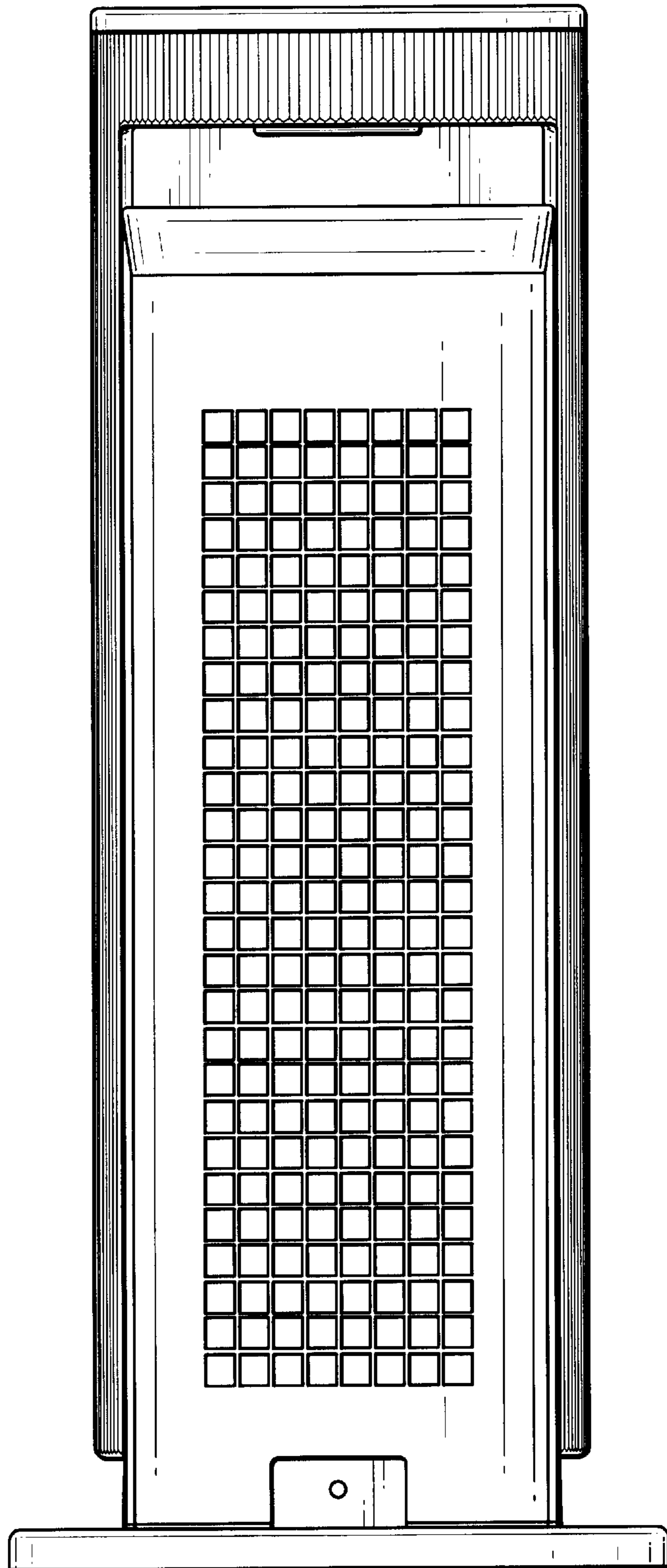


Fig. 3

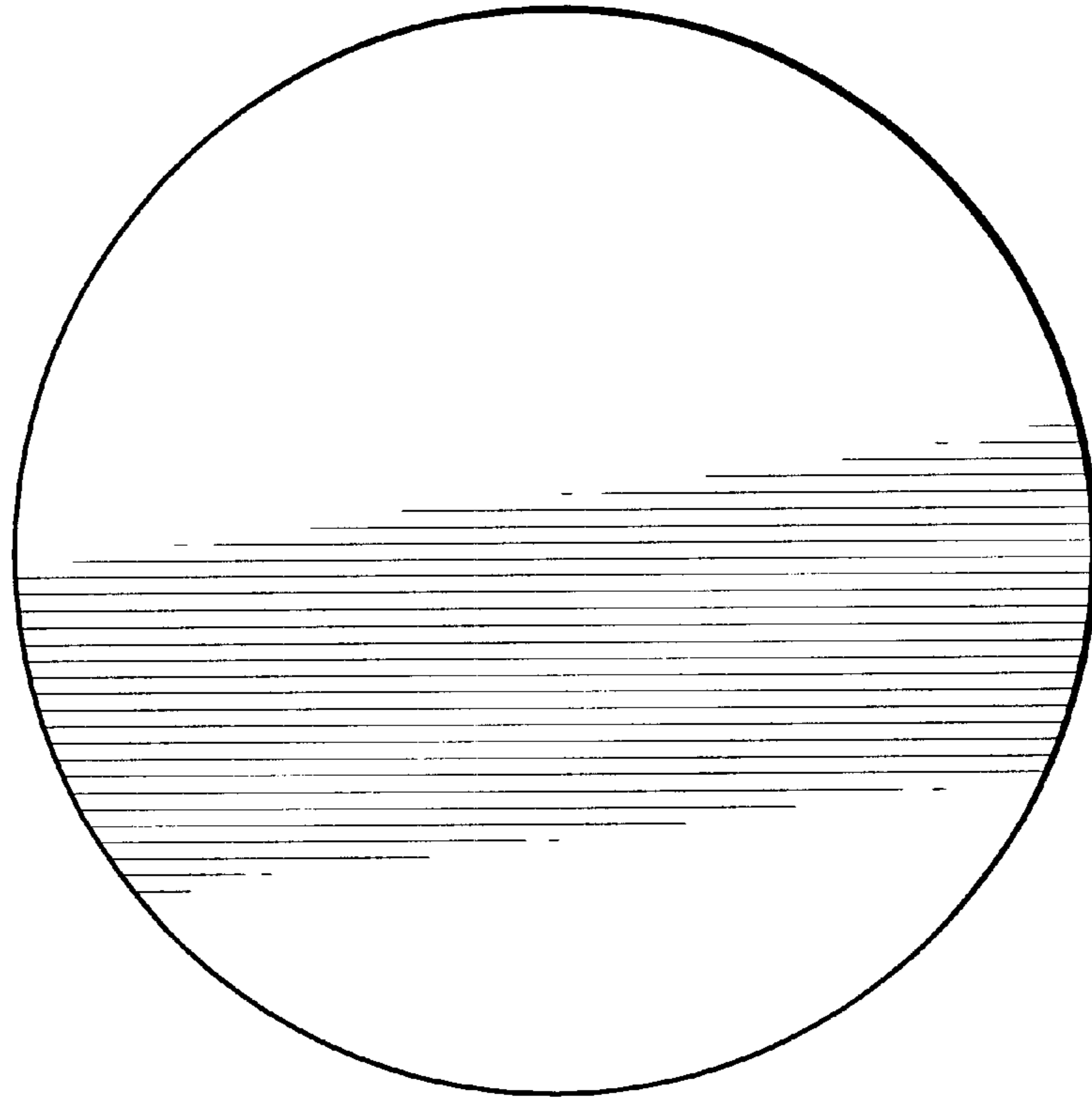


Fig. 5

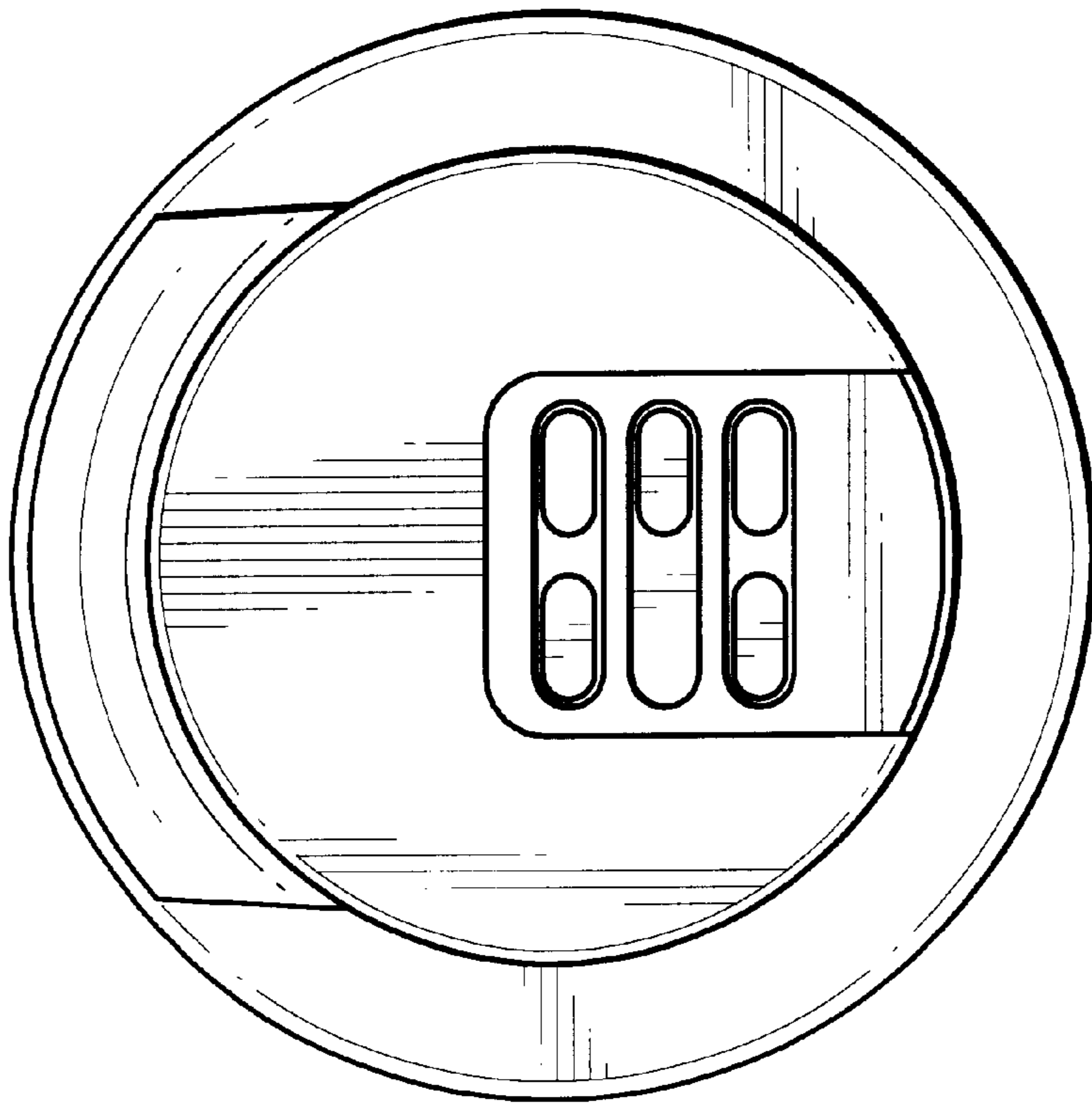


Fig. 4

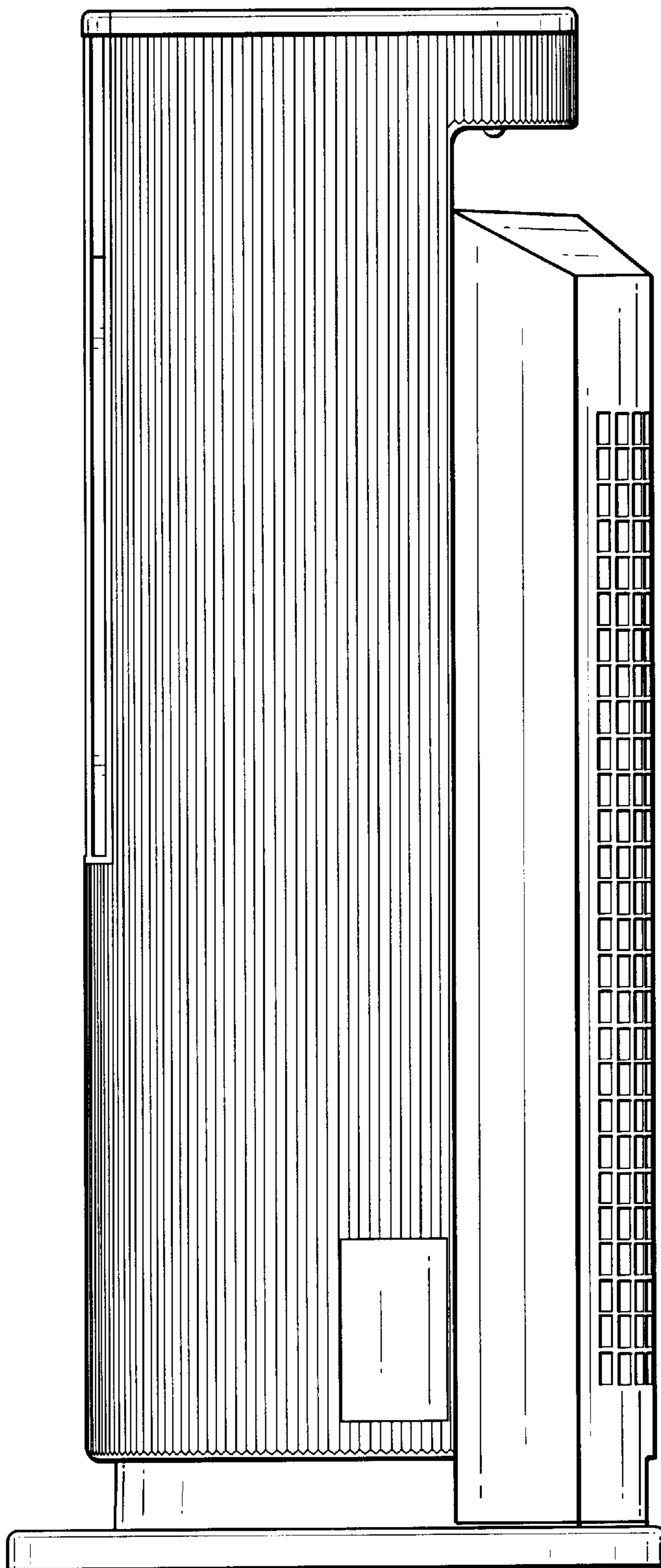


Fig. 6

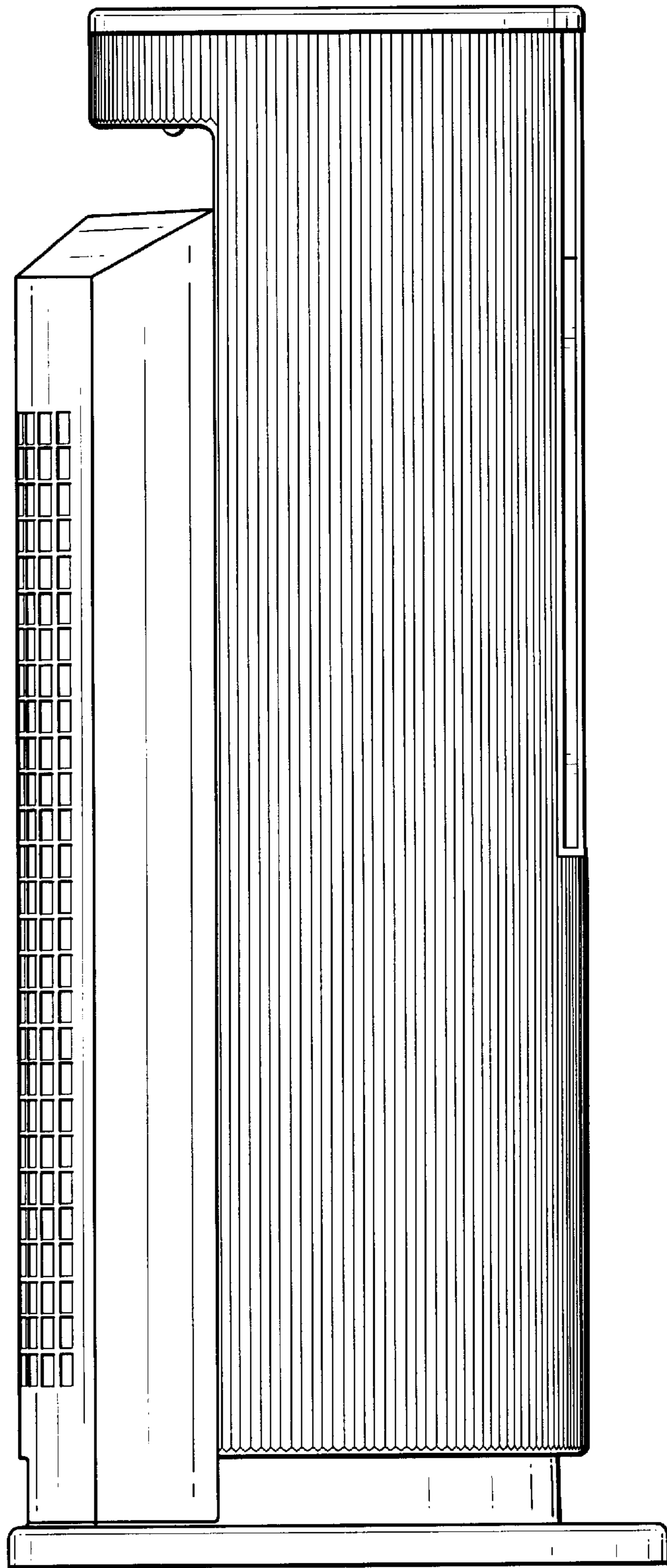


Fig. 7