



US00D454838S

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

(10) **Patent No.:** **US D454,838 S**

(45) **Date of Patent:** **** Mar. 26, 2002**

(54) **INVERTER**

(75) Inventors: **Masaru Takeuchi**, Kasugai; **Daniel Gheno**, Nagoya, both of (JP)

(73) Assignees: **Kabushiki Kaisha Toshiba**, Kawasaki (JP); **Schneider Electric Industries S.A.**, Boulogne Billancourt (FR)

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

(21) Appl. No.: **29/147,872**

(22) Filed: **Sep. 10, 2001**

Related U.S. Application Data

(62) Division of application No. 29/111,501, filed on Sep. 24, 1999.

(51) **LOC (7) Cl.** **13-02**

(52) **U.S. Cl.** **D13/110**

(58) **Field of Search** D13/110, 123, D13/162, 164; 307/150; 363/141; 361/600, 692, 715, 727, 728, 679

(56) **References Cited**

U.S. PATENT DOCUMENTS

D269,605 S * 7/1983 Provanzano et al. D13/162.1

D305,115 S * 12/1989 Kondo et al. D13/110
D343,382 S * 1/1994 Hagura et al. D13/110
D379,963 S * 6/1997 Ikeda et al. D13/110
D438,176 S * 2/2001 Cornu D13/162
6,239,986 B1 * 5/2001 Otsuka 361/728 X
D445,094 S * 7/2001 Eckel et al. D13/162

* cited by examiner

Primary Examiner—Joel Sincavage

(74) *Attorney, Agent, or Firm*—Oblon, Spivak, McClelland, Maier & Neustadt, P.C.

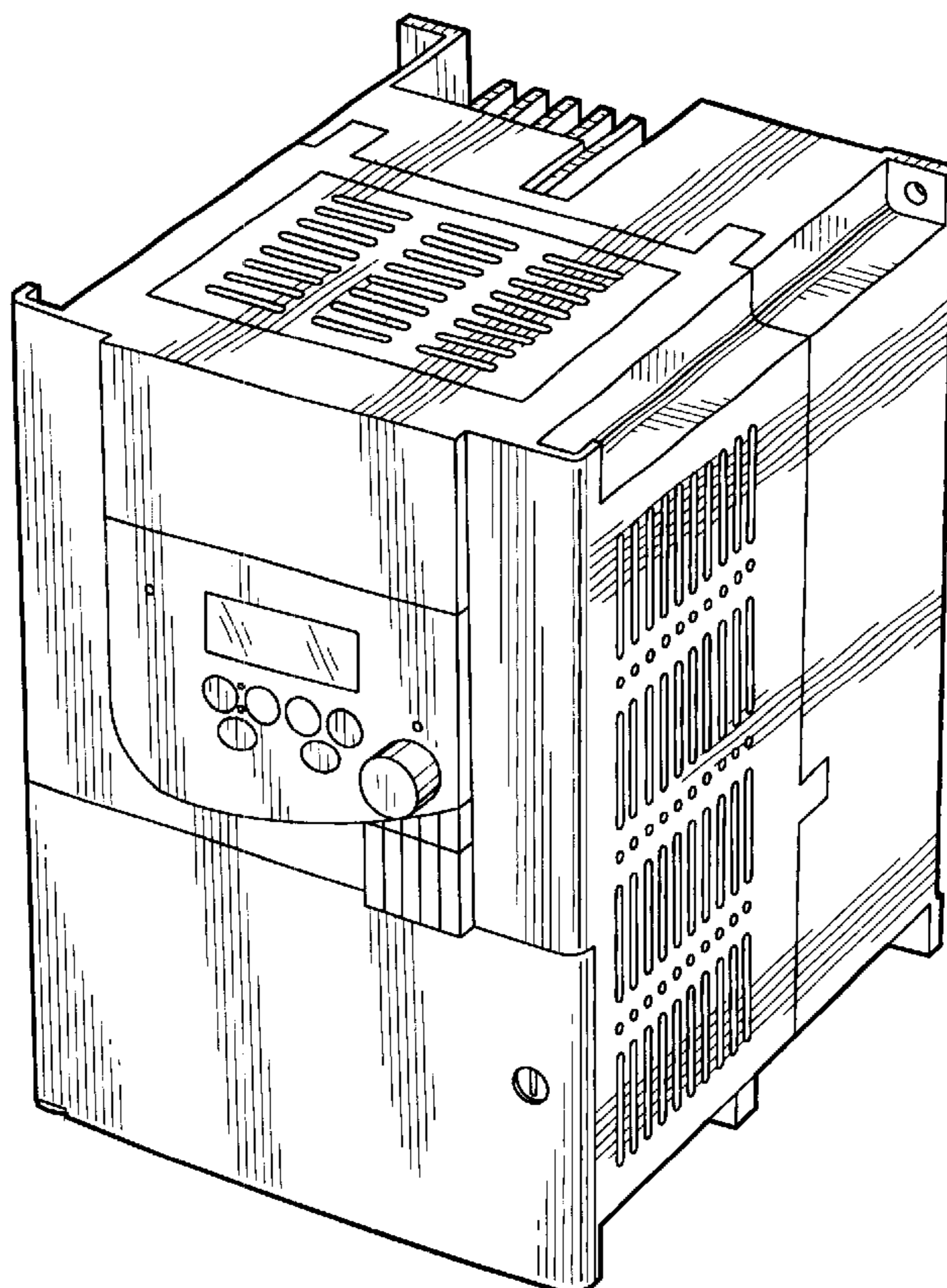
(57) **CLAIM**

The ornamental design for an inverter, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of an inverter, showing our new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a left side elevational view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 4 Drawing Sheets



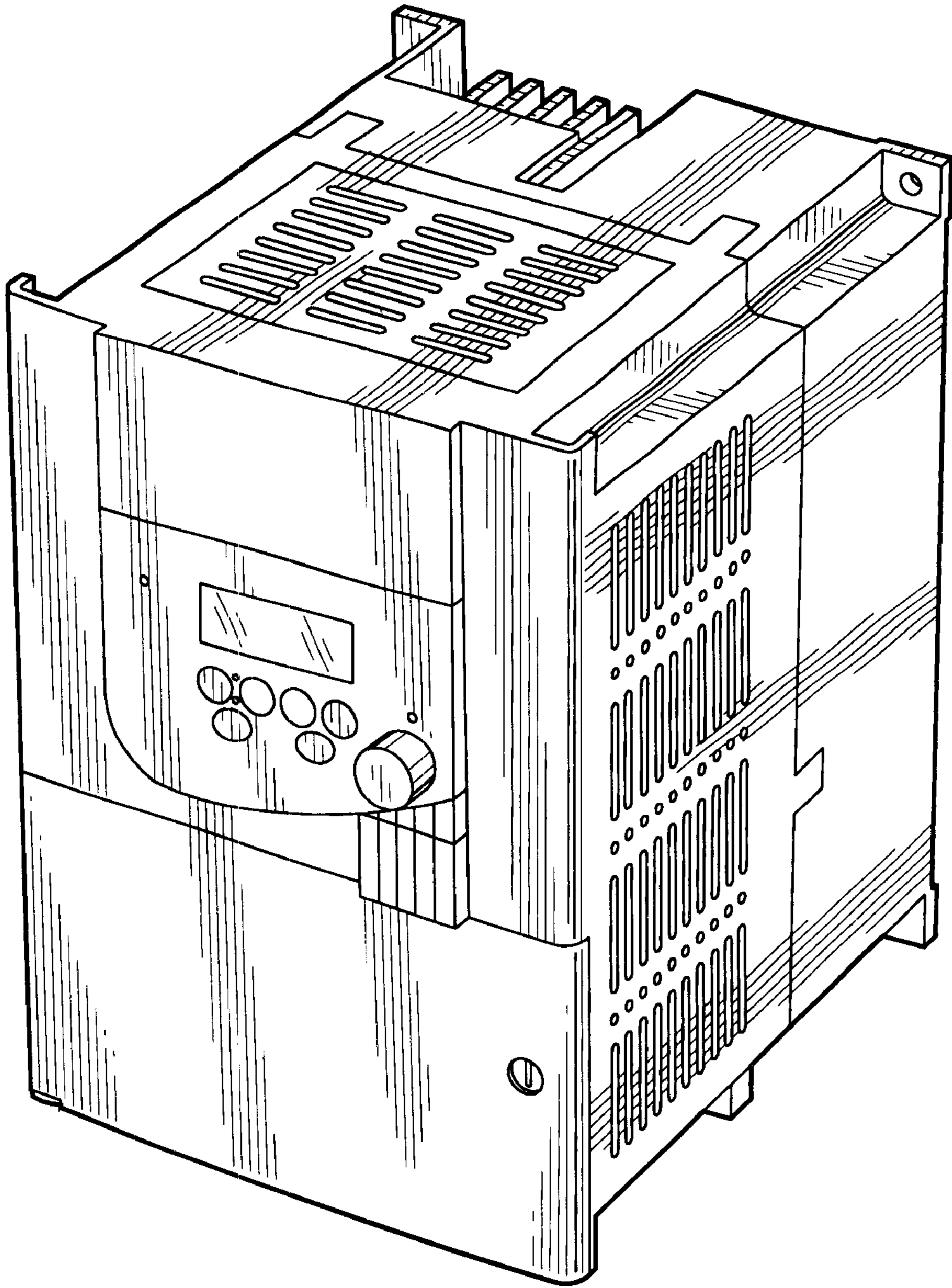


FIG. 1

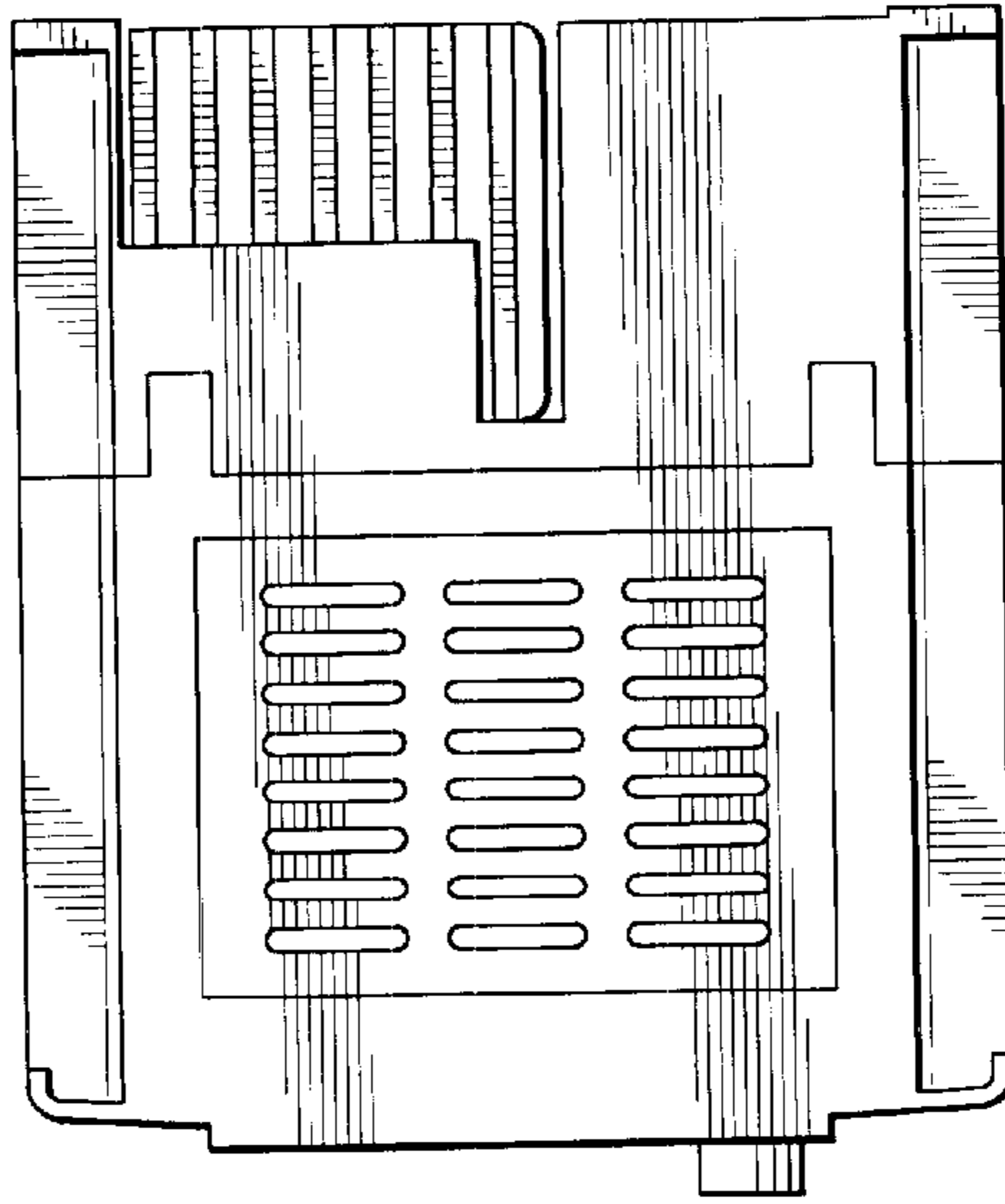


FIG. 2

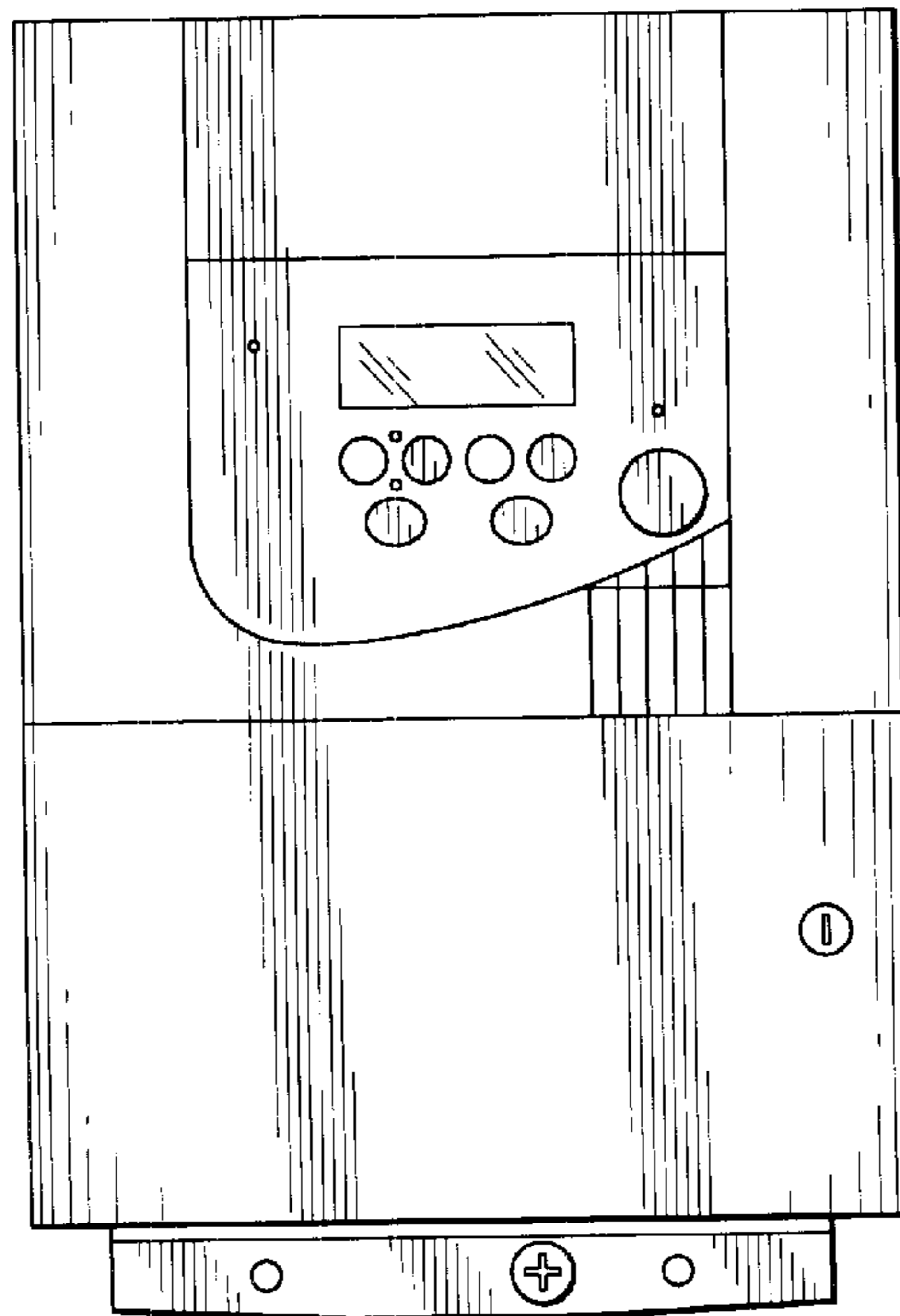


FIG. 3

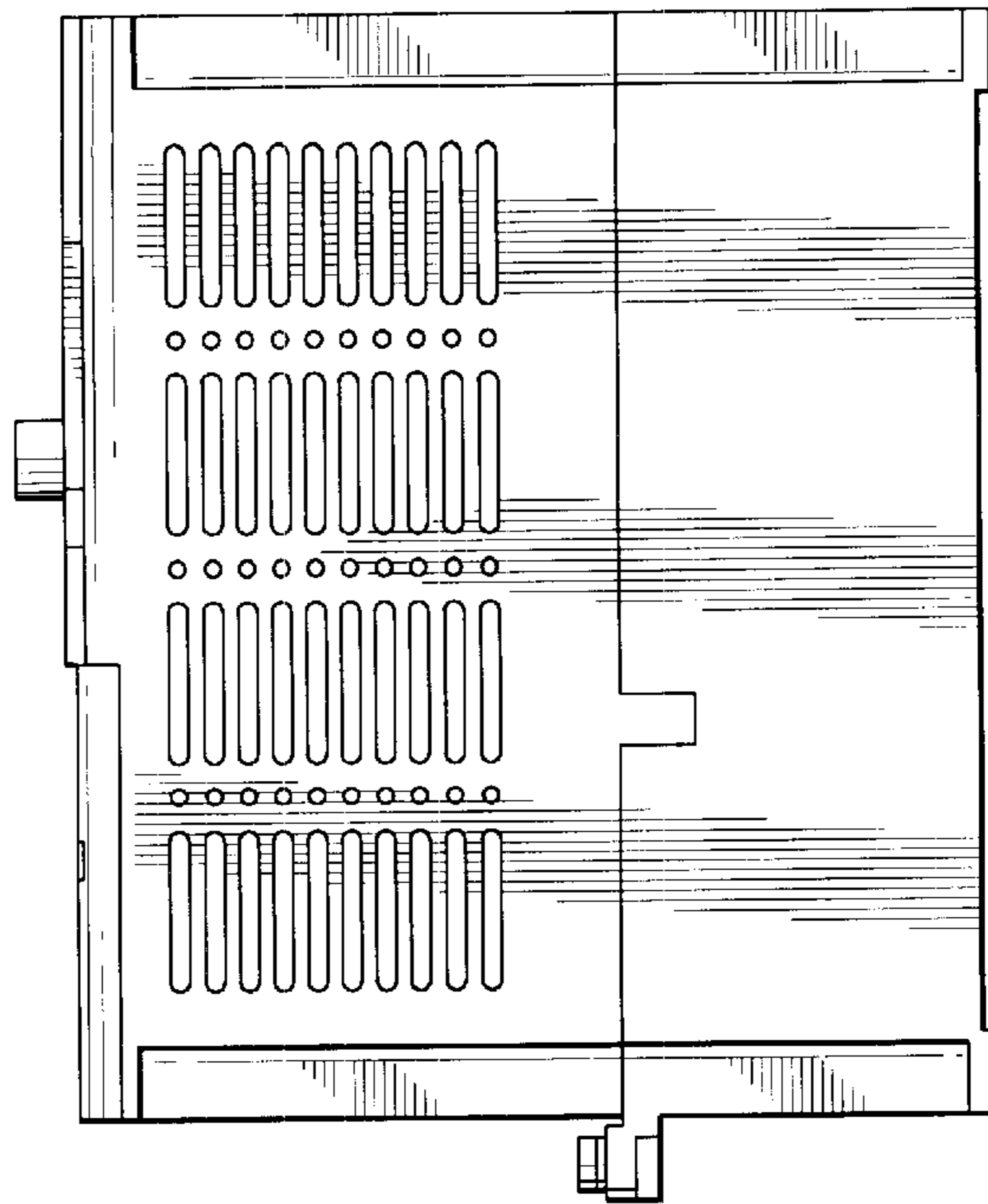


FIG. 4

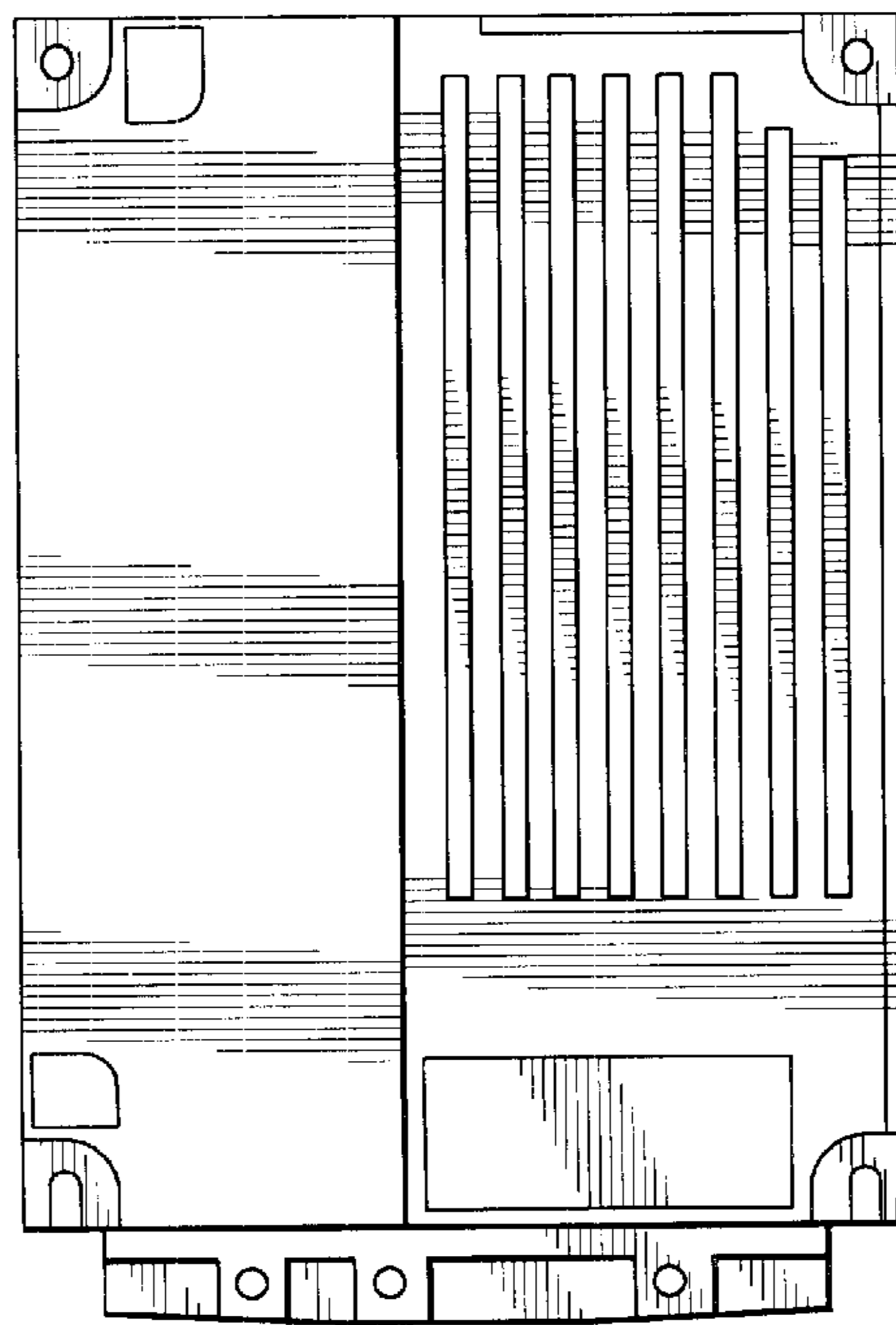


FIG. 5

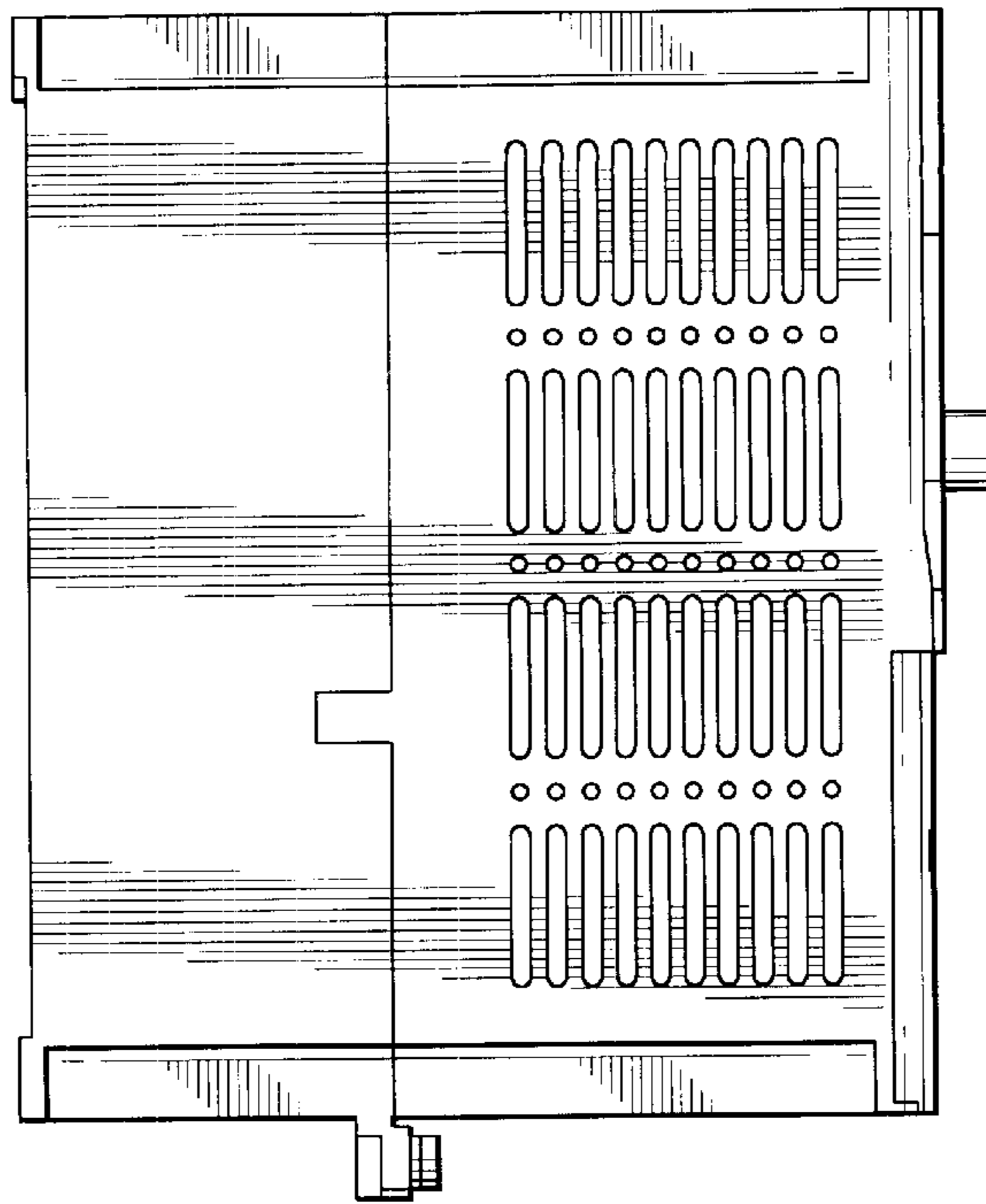


FIG. 6

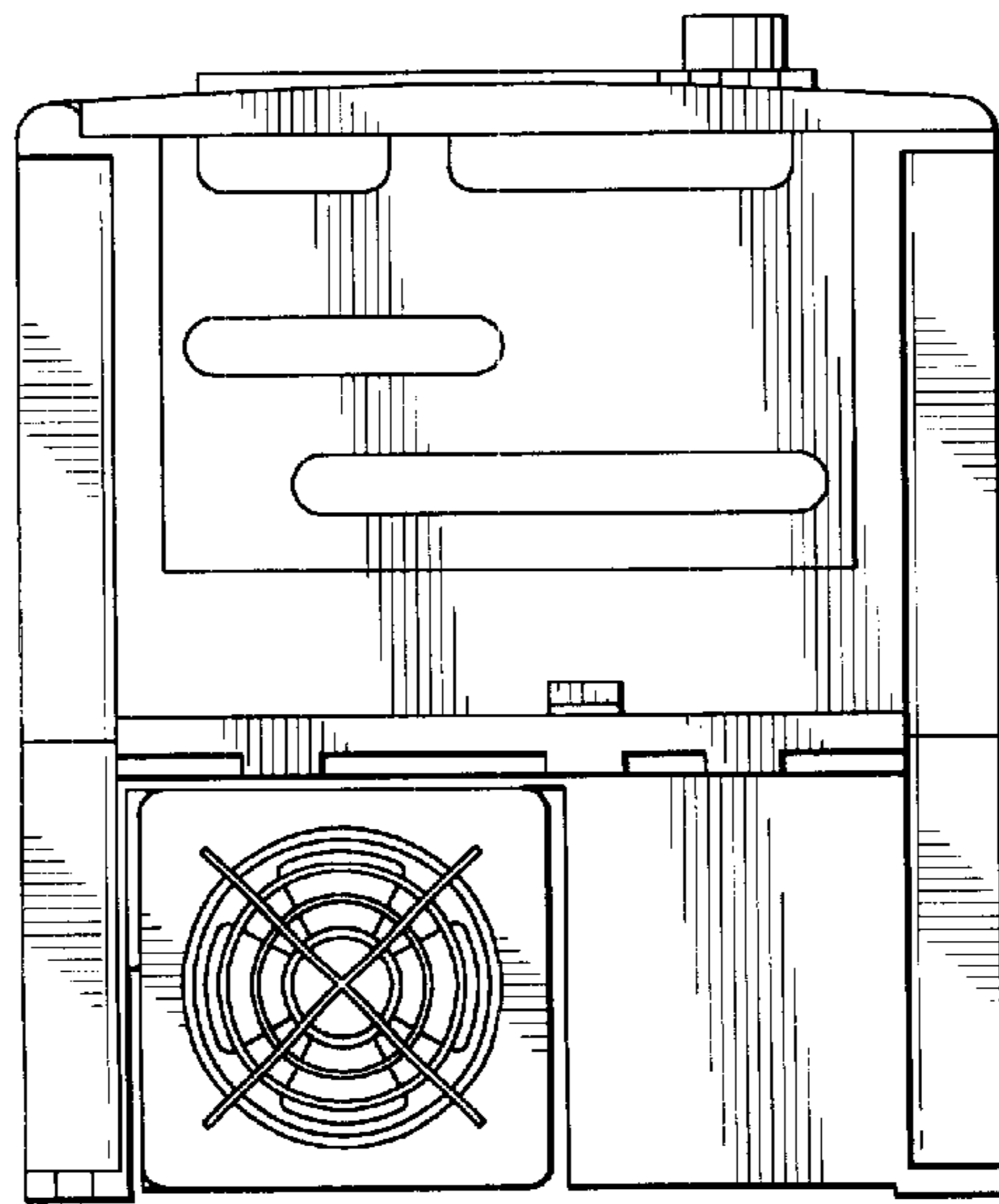


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 454,838 S
DATED : March 26, 2002
INVENTOR(S) : Masaru Takeuchi et al.

Page 1 of 5

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Drawings,

Please substitute attached Figures 1-7 for Figures 1-7 which issued in D454,838.

Signed and Sealed this

Tenth Day of December, 2002

A handwritten signature in black ink, appearing to read "James E. Rogan", written over a horizontal line.

JAMES E. ROGAN
Director of the United States Patent and Trademark Office

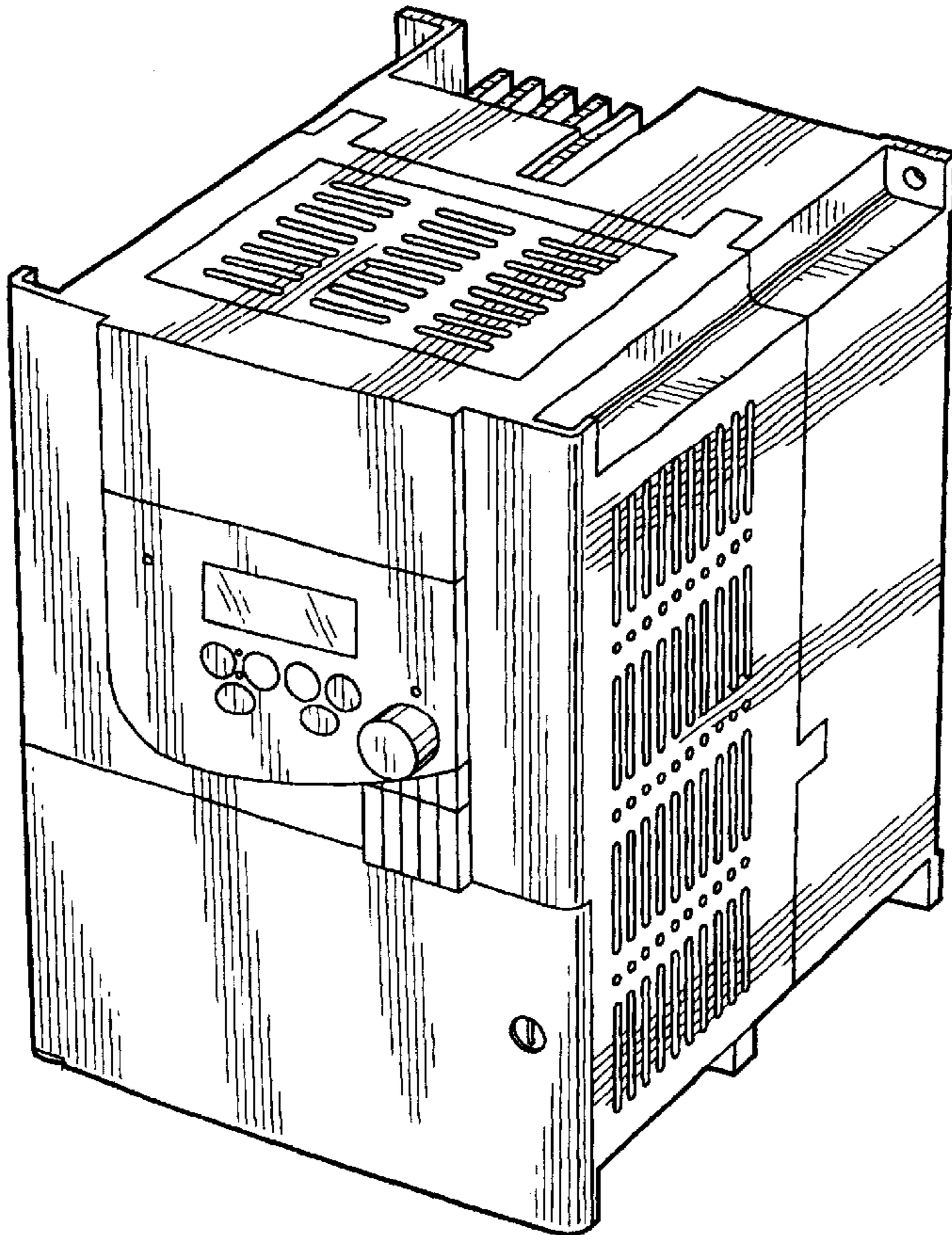


FIG. 1

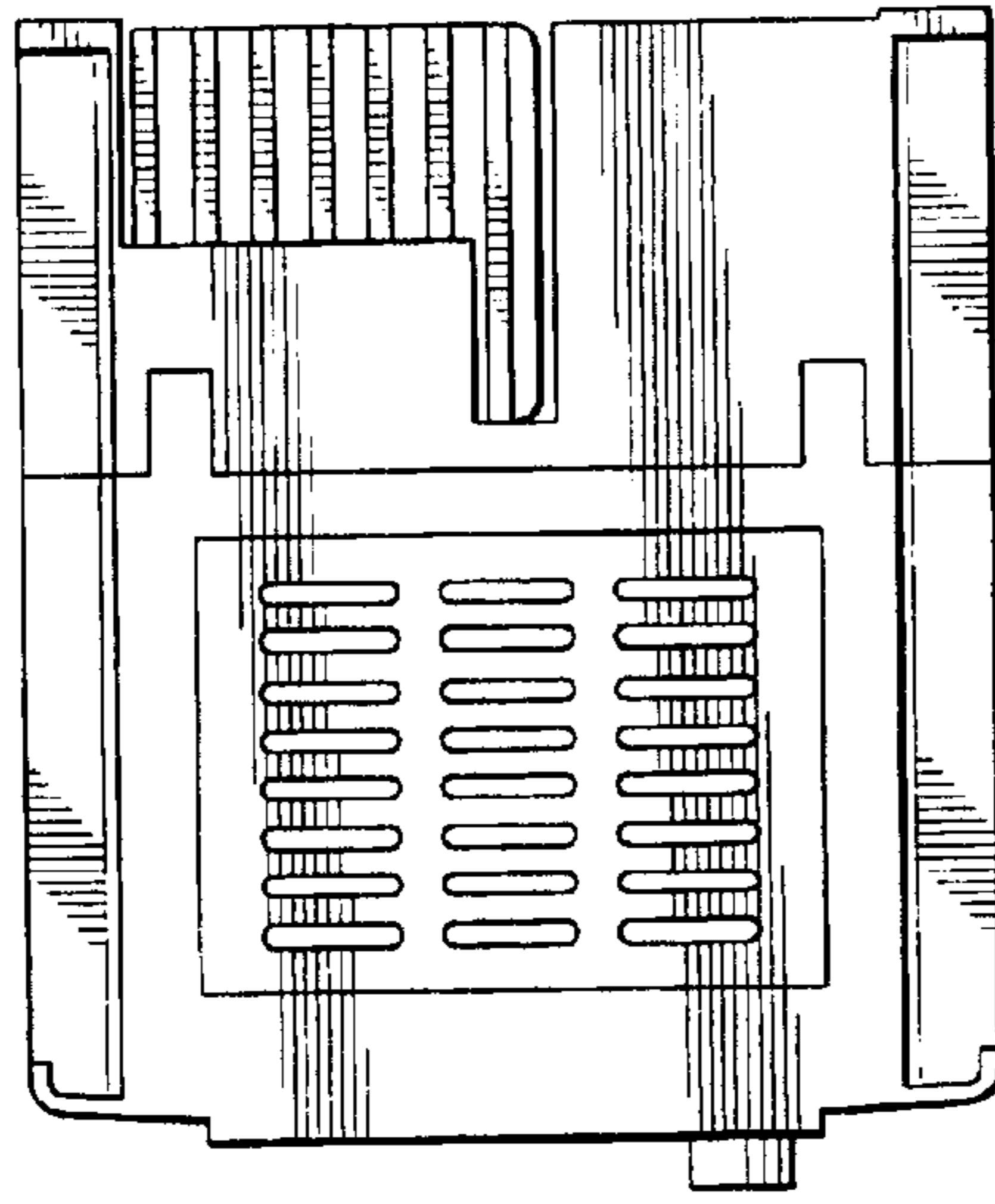


FIG. 2

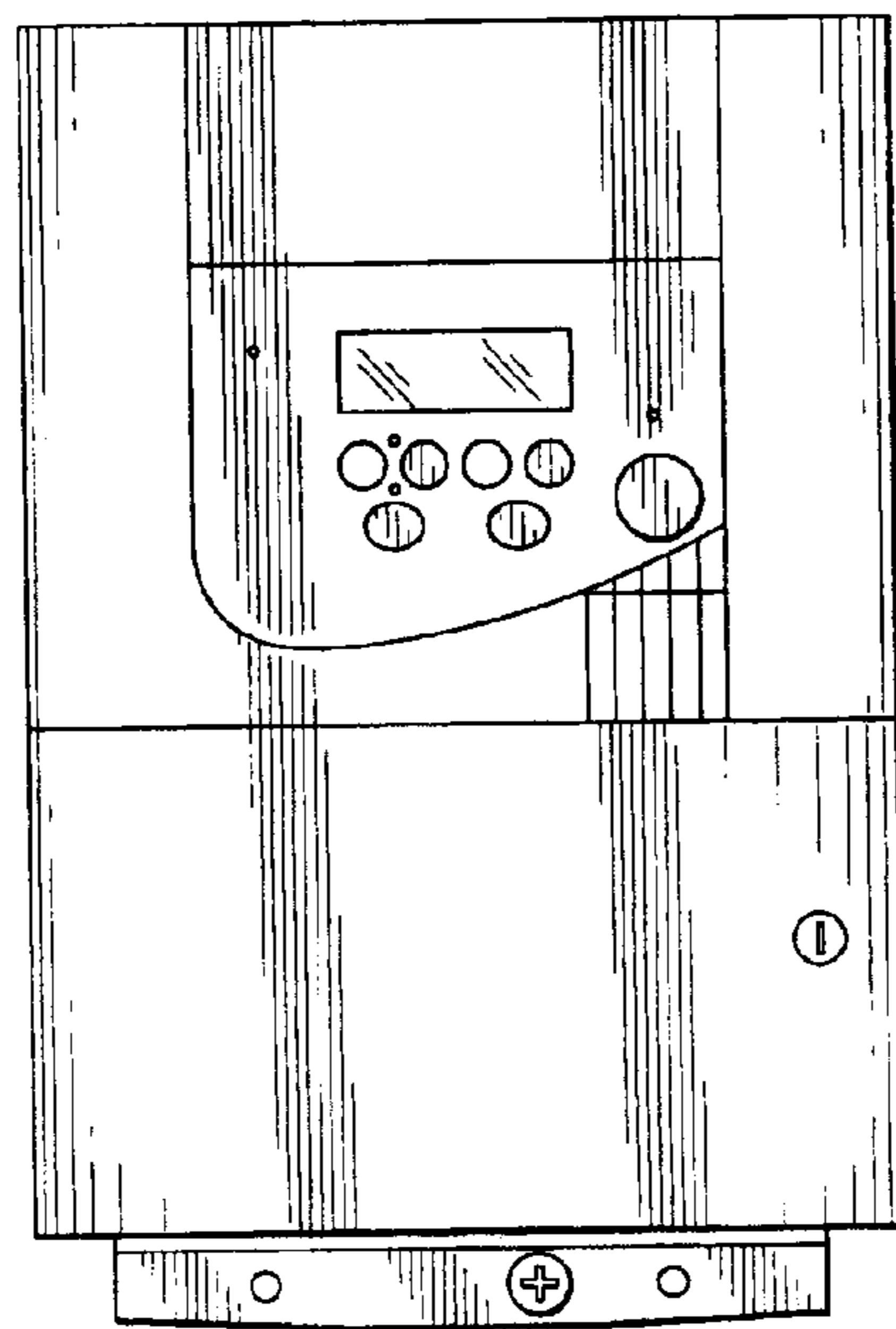


FIG. 3

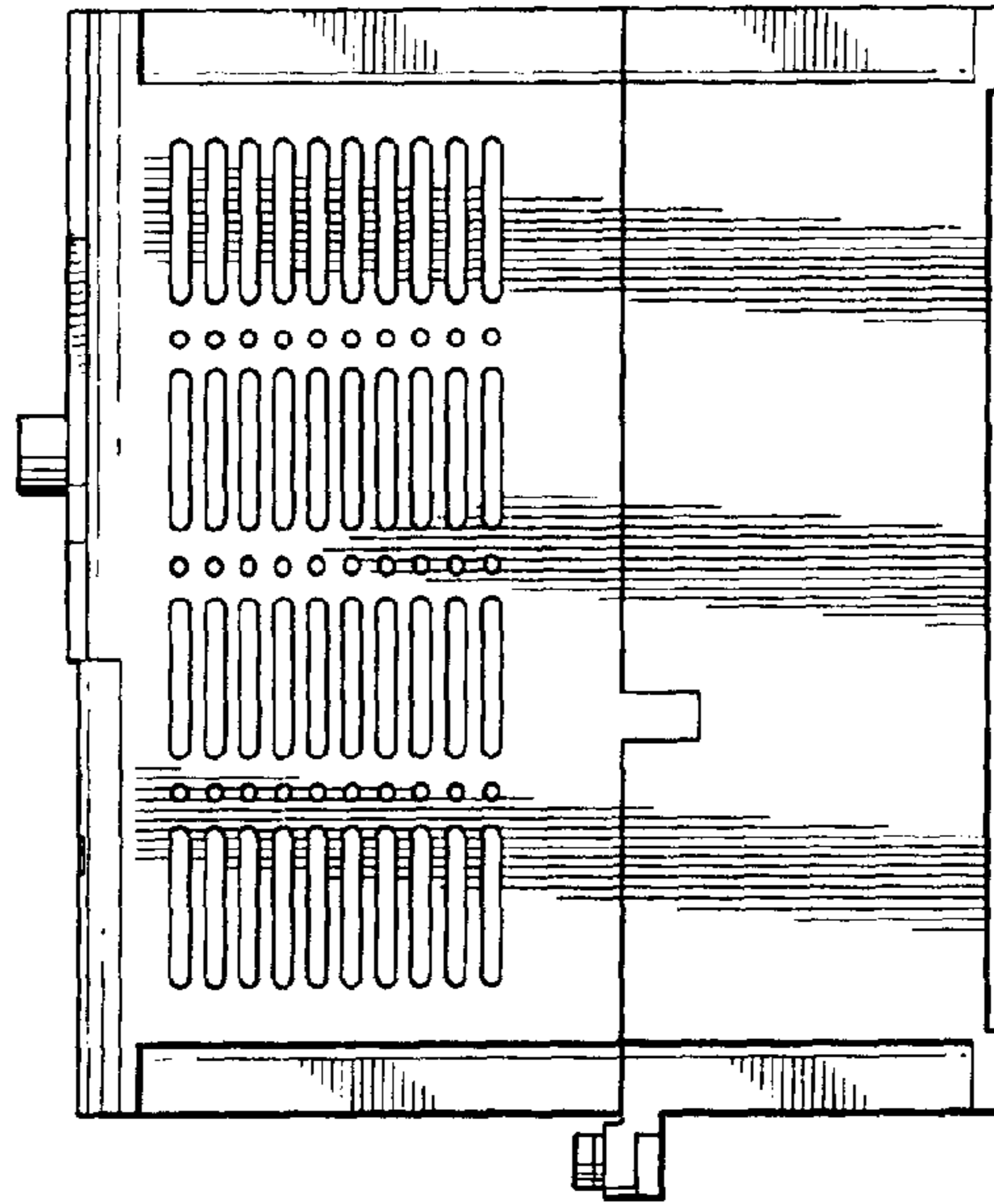


FIG. 4

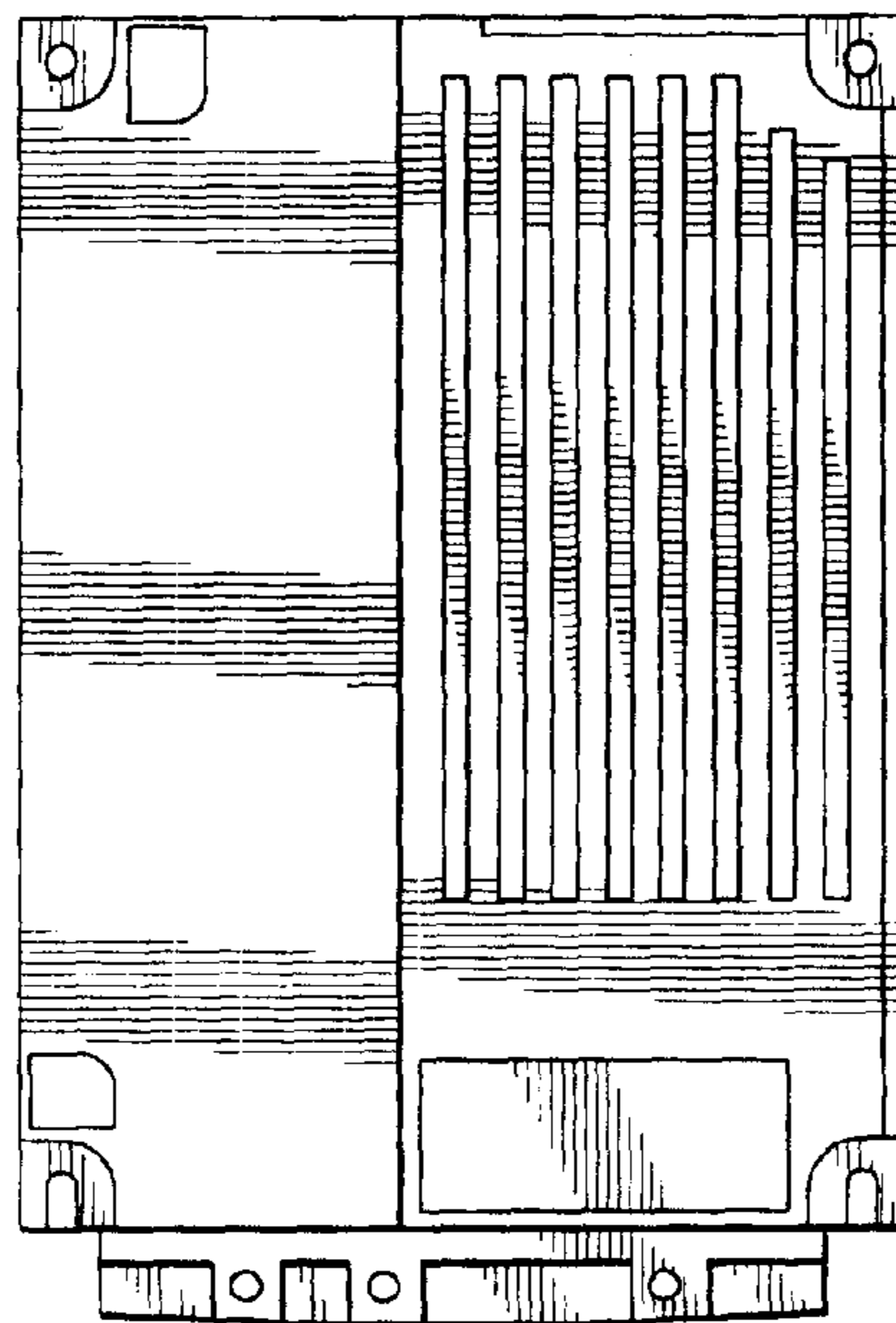


FIG. 5

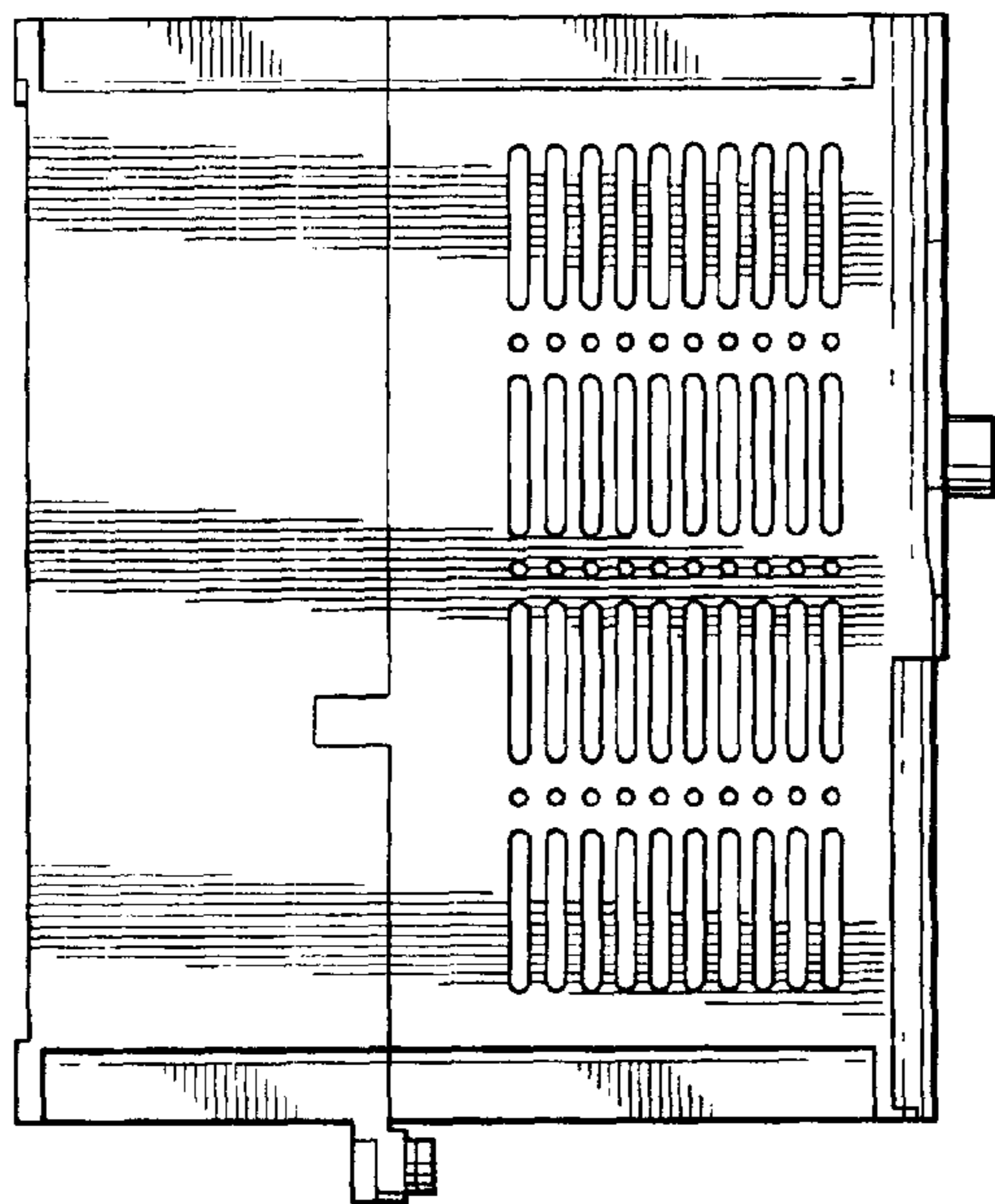


FIG. 6

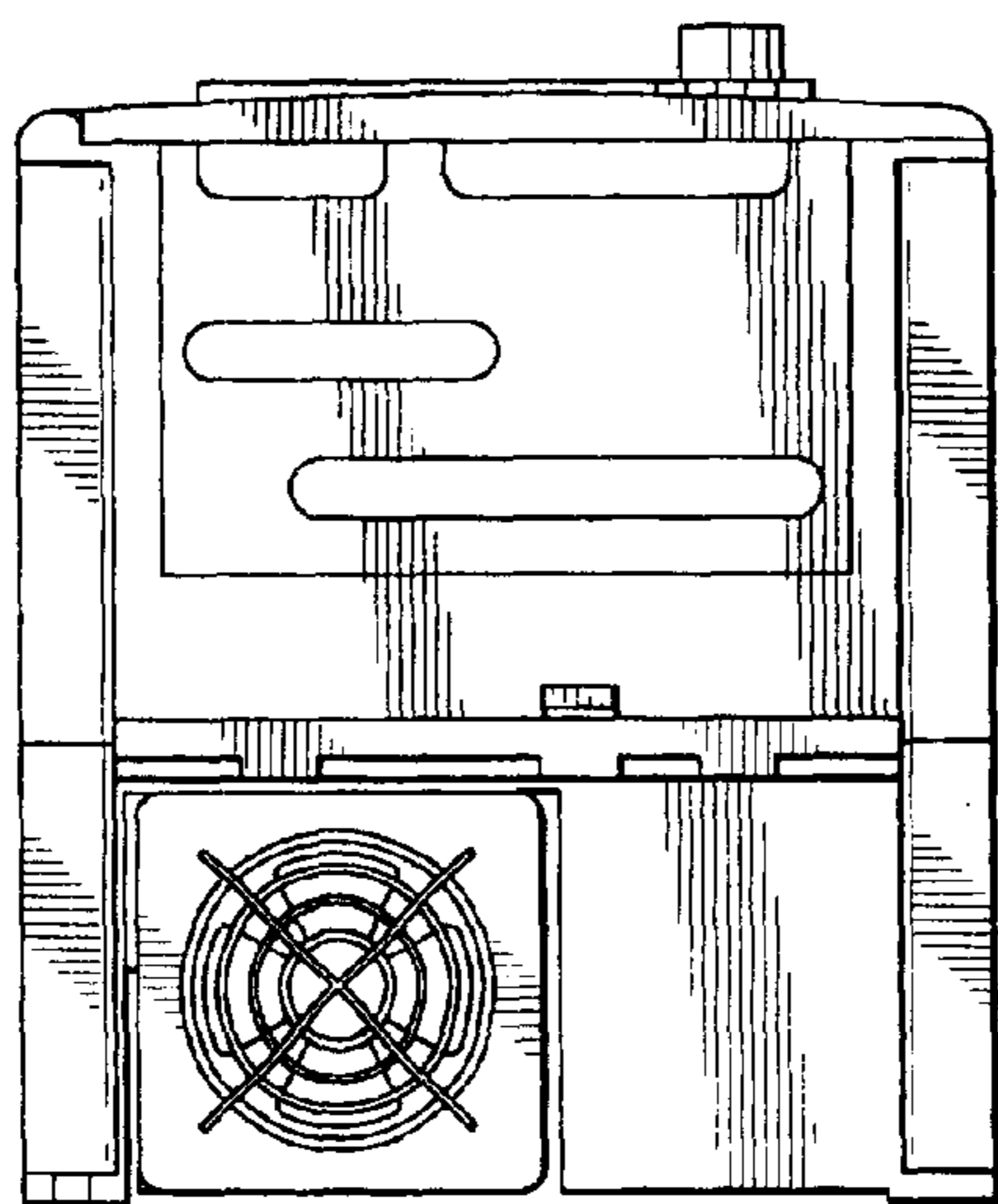


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This certificate supersedes Certificate of Correction issued December 10, 2002.

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Twenty-ninth Day of April, 2003

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Director of the United States Patent and Trademark Office

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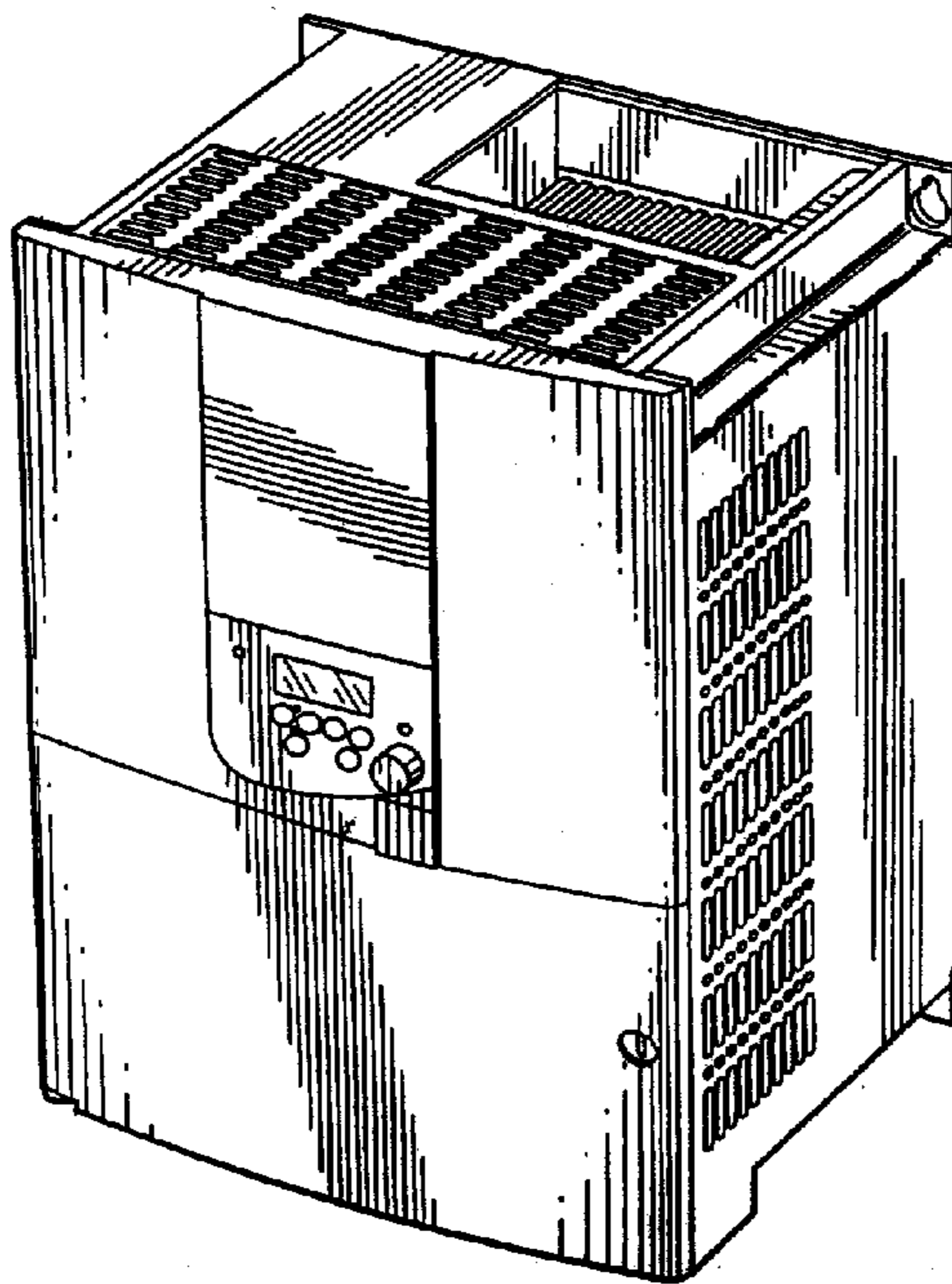
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U.S. Patent

Mar. 26, 2002

Sheet 1 of 4

Des. 454,838 S

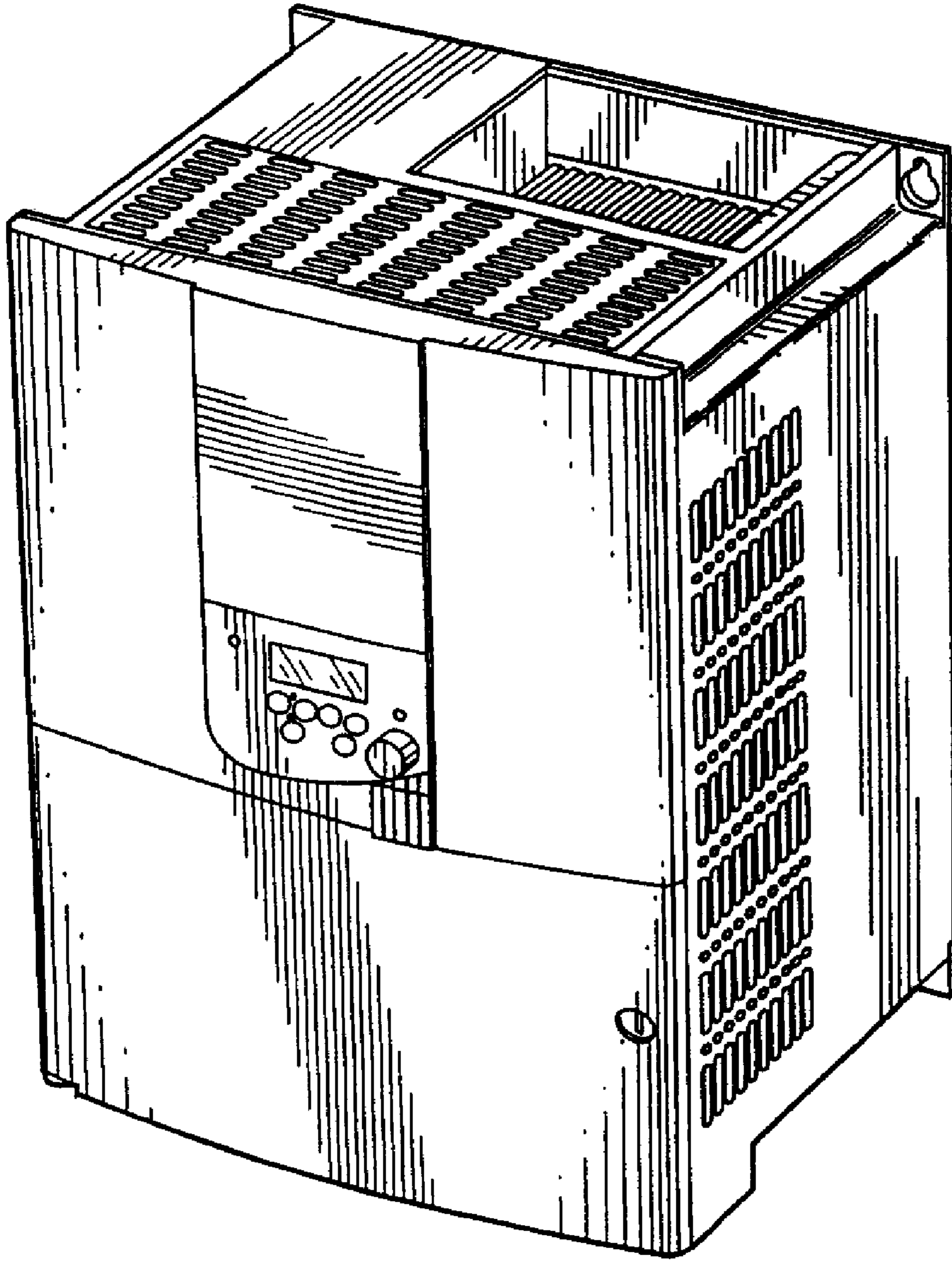


FIG. 1

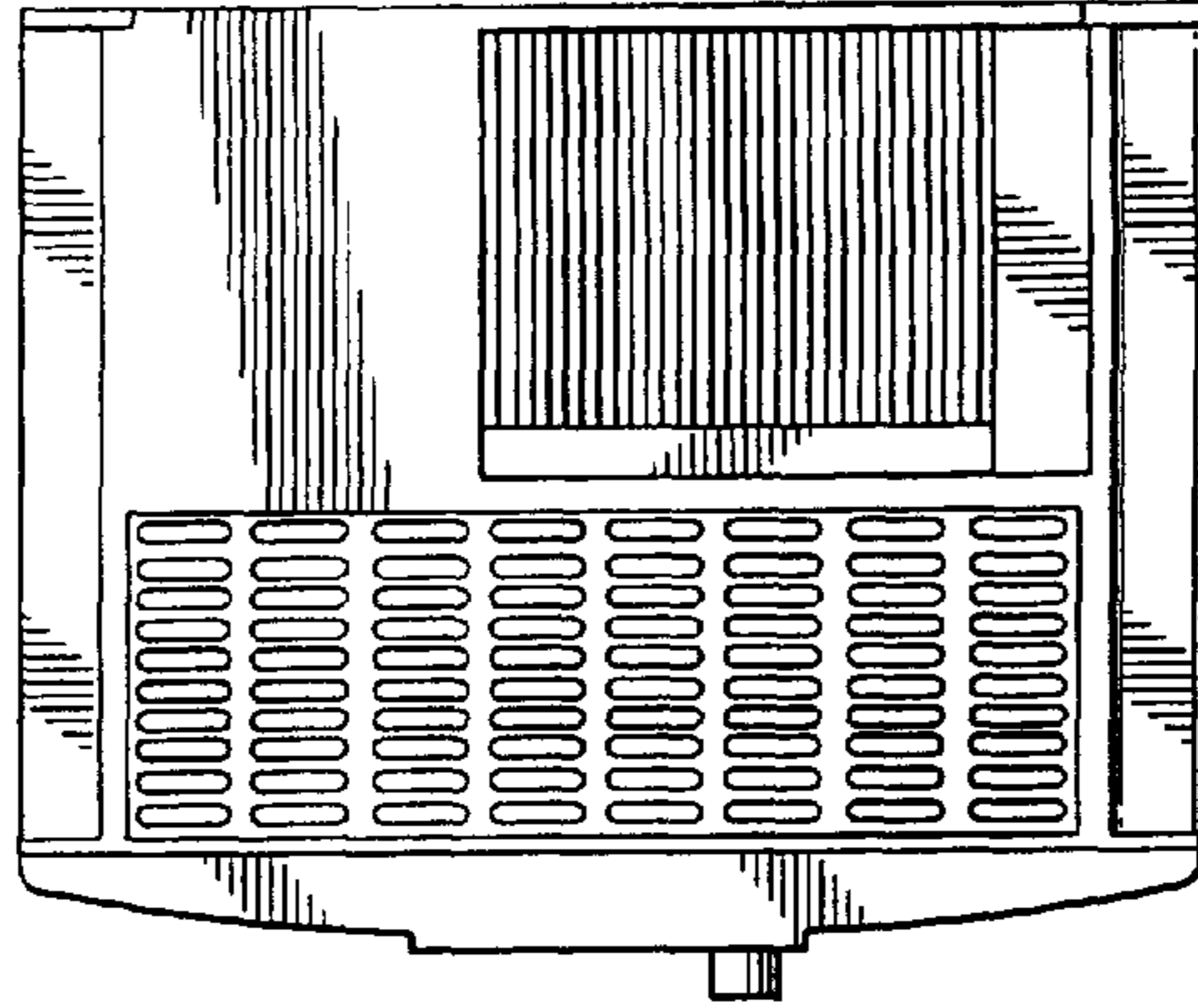


FIG. 2

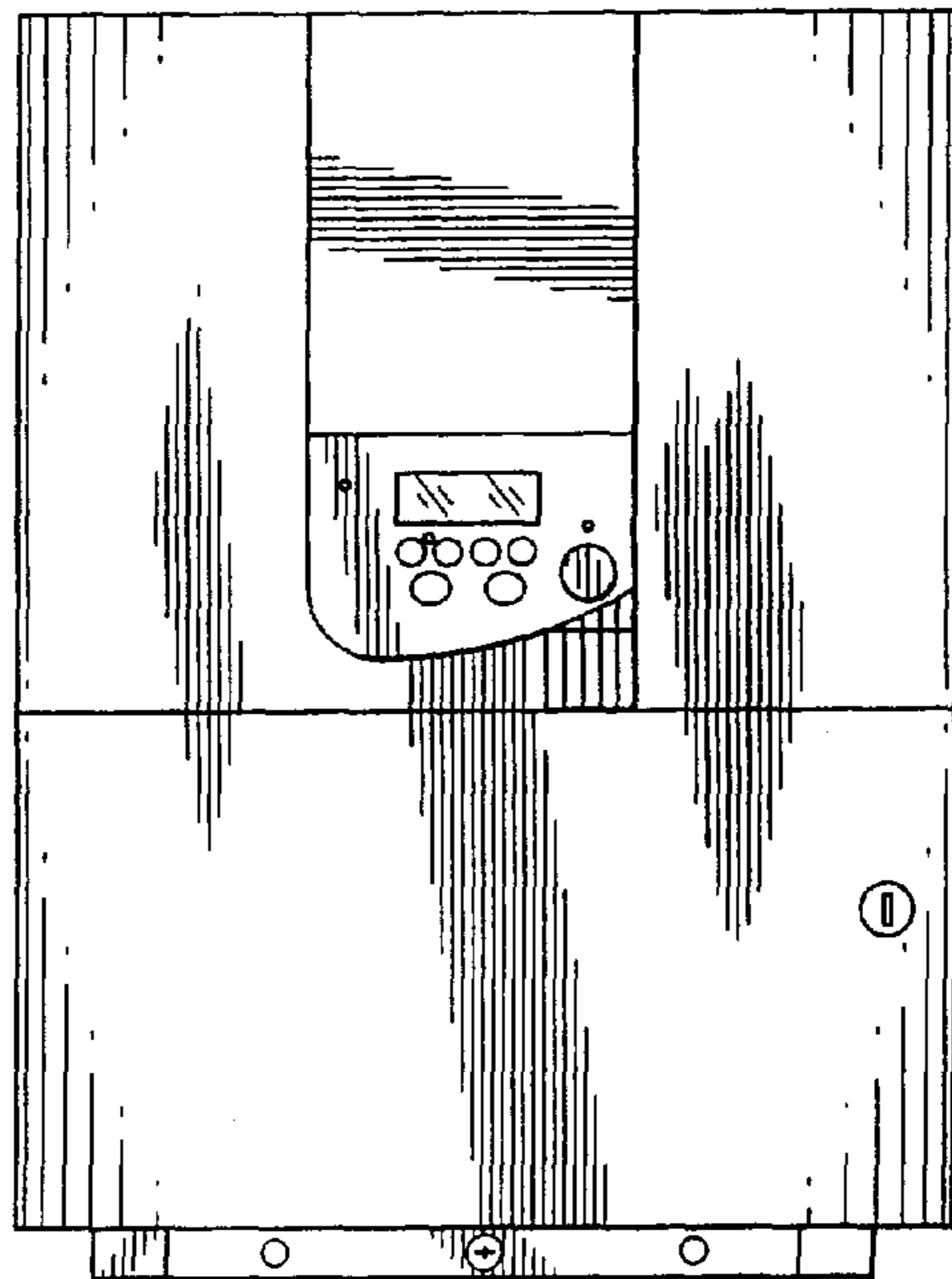


FIG. 3

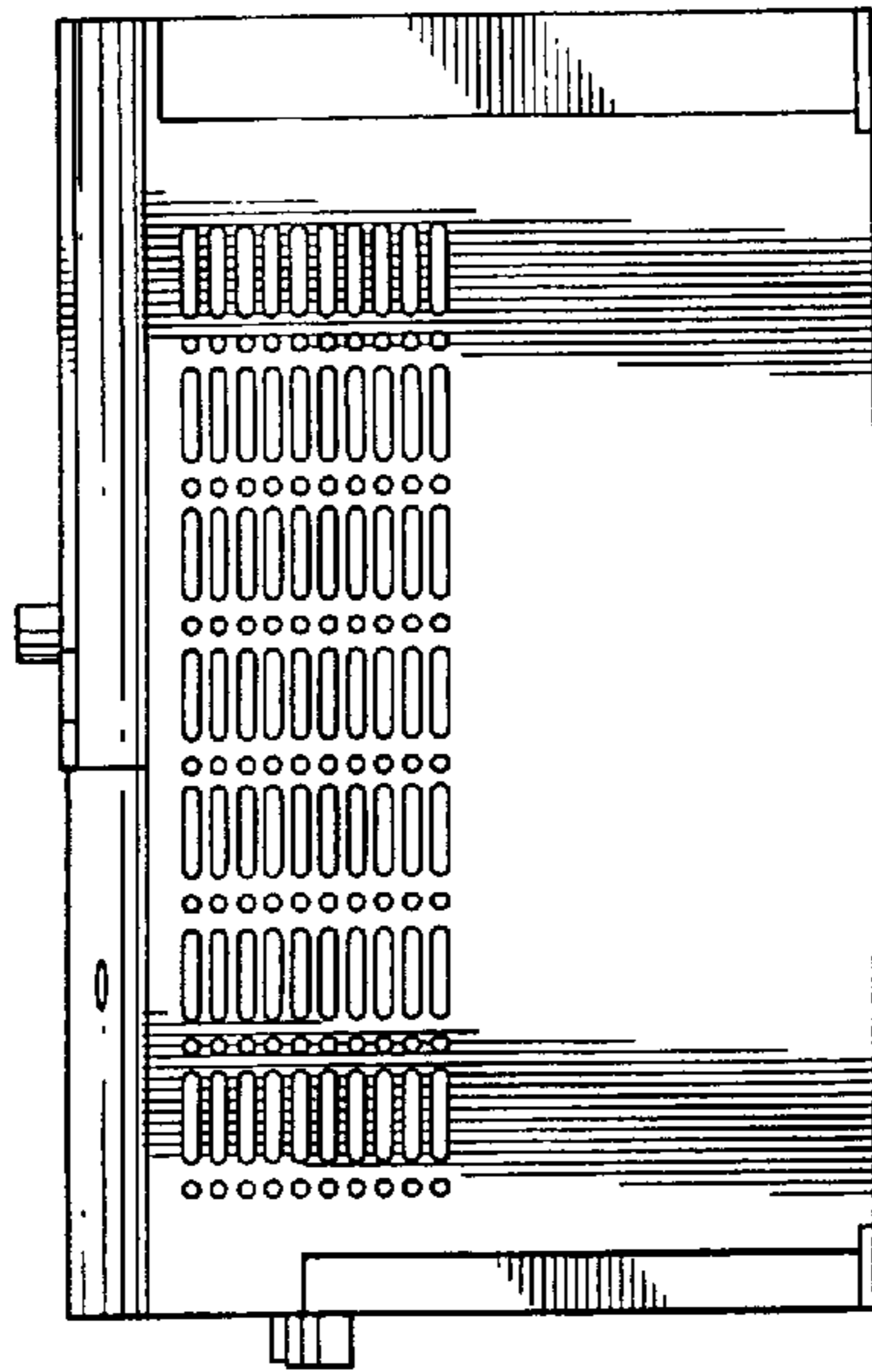


FIG. 4

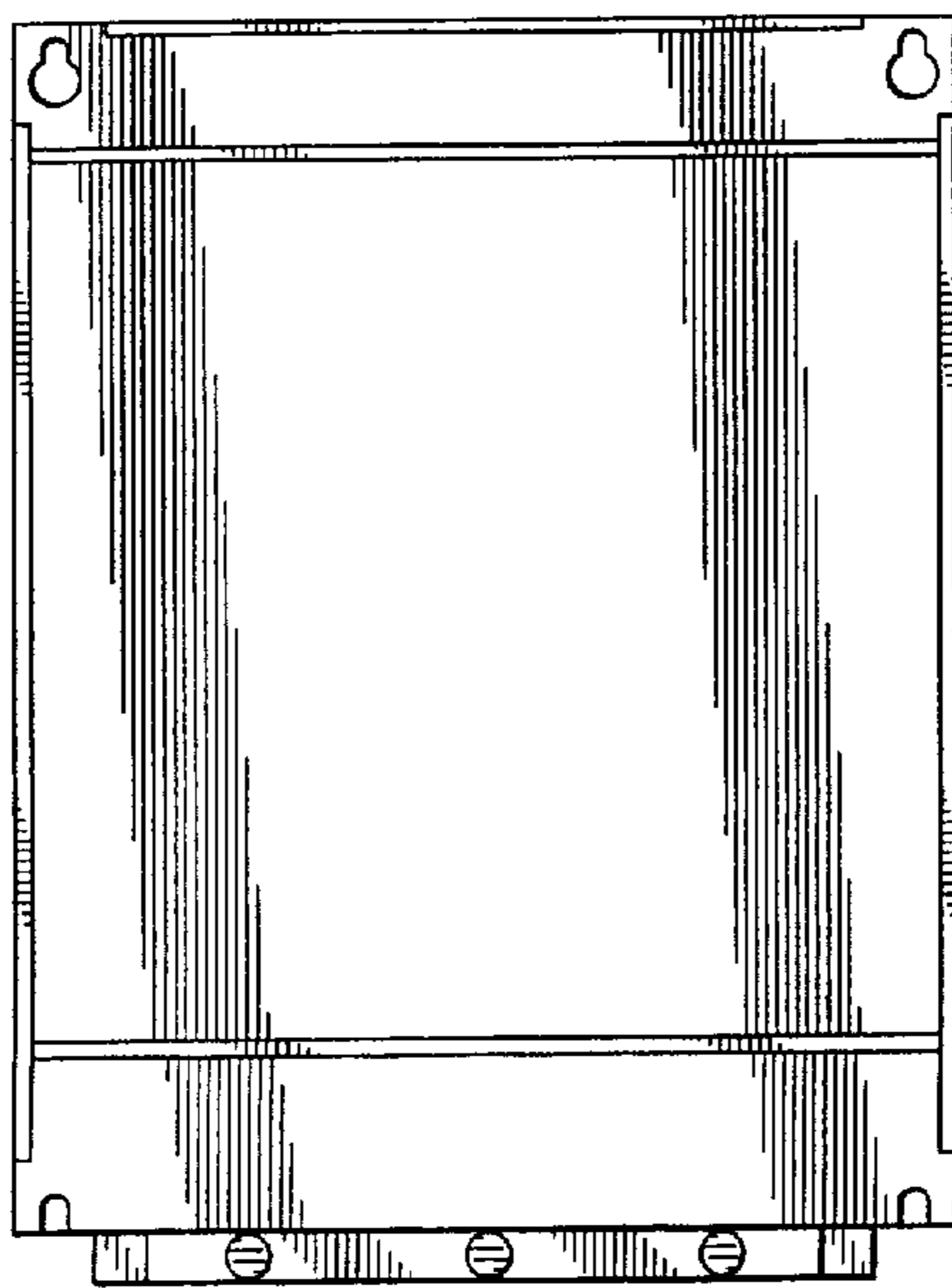


FIG. 5

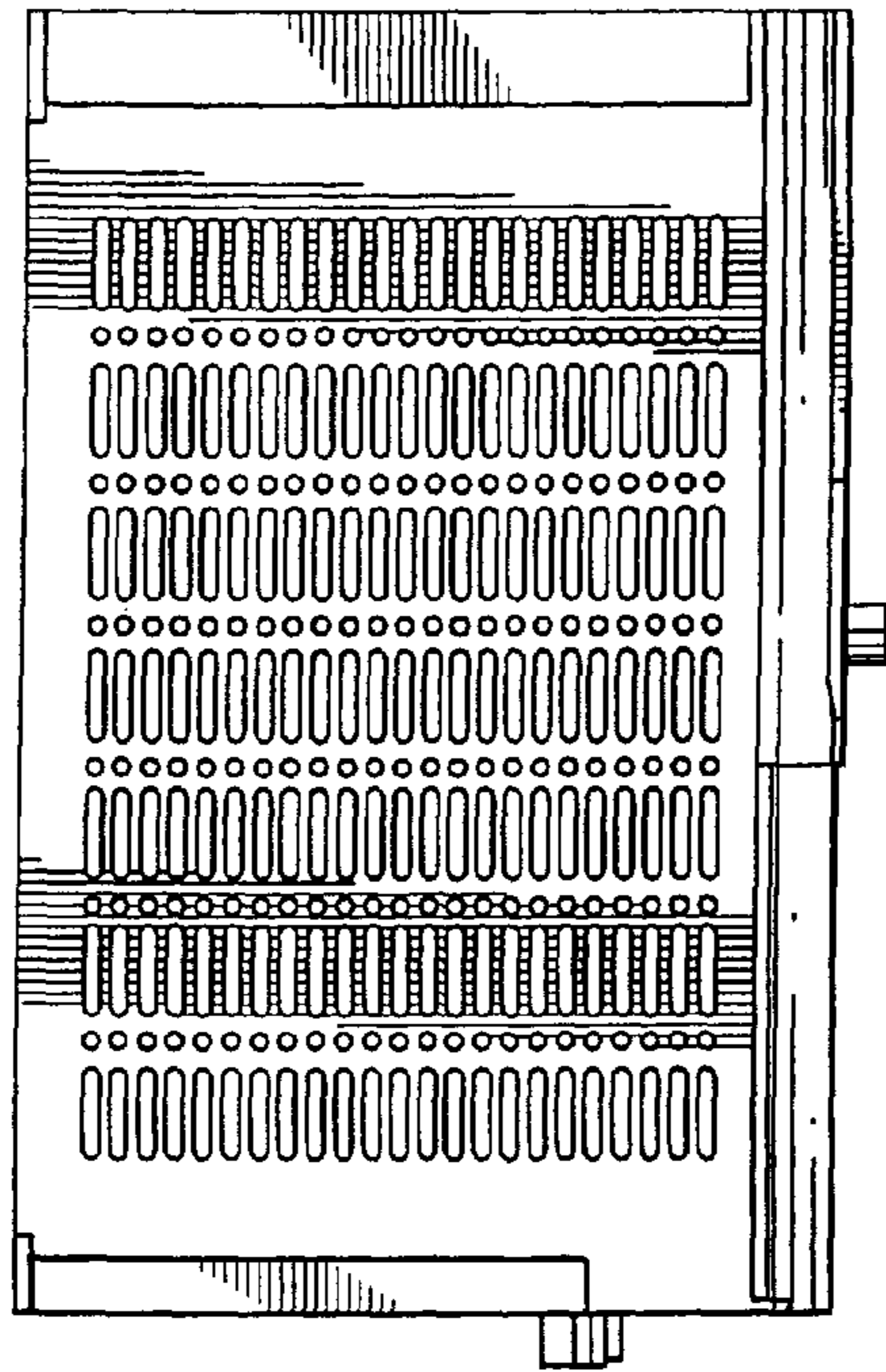


FIG. 6

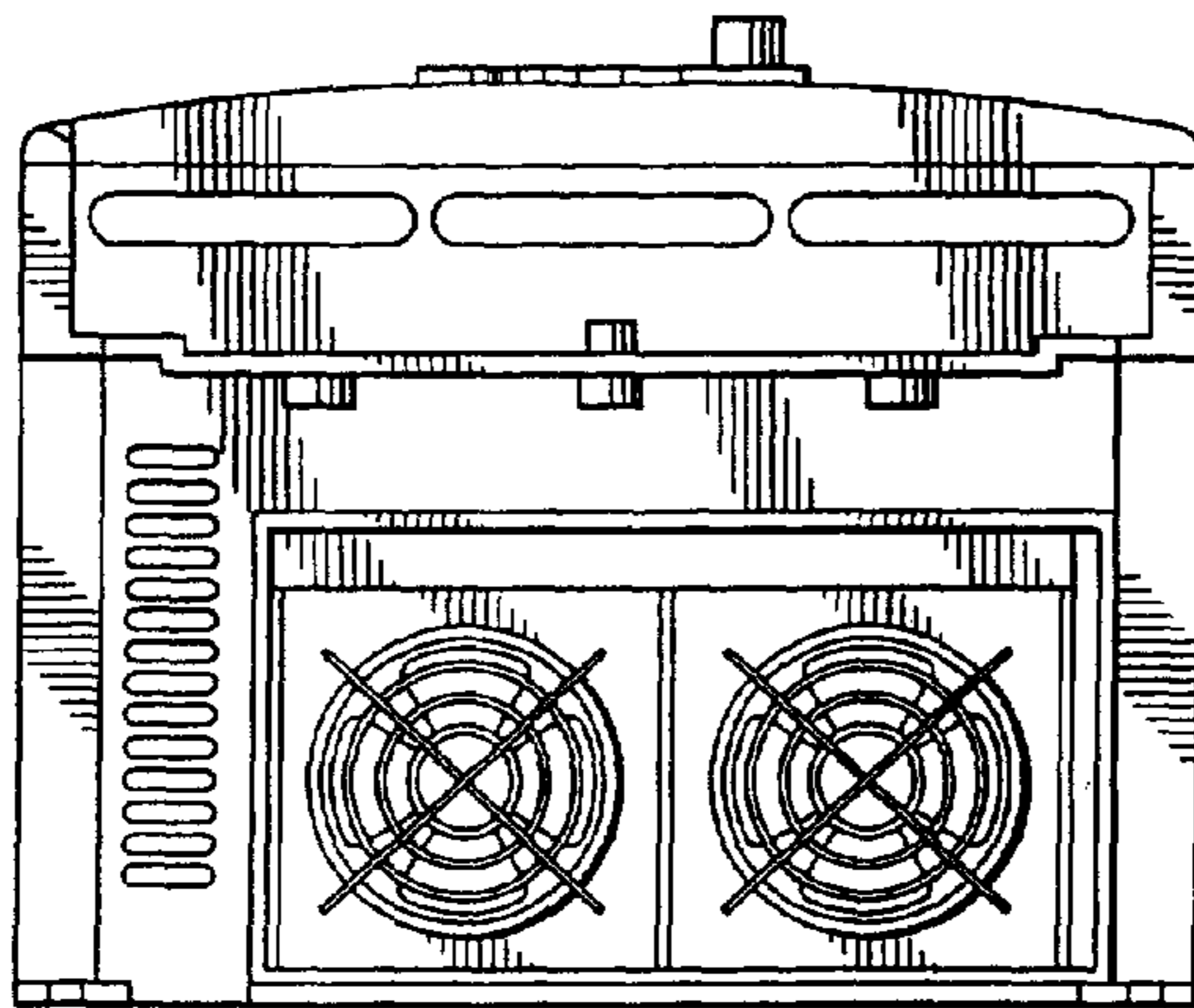


FIG. 7