



US00D366243S

# United States Patent [19]

[11] Patent Number: **Des. 366,243**

**Kurokawa et al.**

[45] Date of Patent: **\*\*Jan. 16, 1996**

[54] **SERVOMOTOR DRIVE CONTROLLER**

Logic controllers on p. 21 of *Control Engineering*, Dec. 1989.

[75] Inventors: **Junichi Kurokawa; Takeshi Majima; Katsuyoshi Nakano; Hiromichi Kawashima**, all of Ise, Japan

SLO-SYN® Programmable motion controllers on p. 25 of *Design news* Jun. 12, 1993.

[73] Assignee: **Shinko Electric Co., Ltd.**, Tokyo, Japan

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*Attorney, Agent, or Firm*—Scully, Scott, Murphy & Presser

[\*\*] Term: **14 Years**

## [57] CLAIM

[21] Appl. No.: **33,126**

The ornamental design for a servomotor drive controller, as shown, and described.

[22] Filed: **Jan. 5, 1995**

## DESCRIPTION

### [30] Foreign Application Priority Data

Jul. 7, 1994 [JP] Japan ..... 6-20218

[52] U.S. Cl. .... **D13/162**

[58] Field of Search ..... D13/162, 164,  
D13/184; D14/100, 107, 114; 361/686,  
687, 703, 725

FIG. 1 is a perspective view of a servomotor drive controller showing our new design;

FIG. 2 is a front elevation view thereof, showing the article which is 9.8 cm wide, 17.5 cm deep, and 19 cm high;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom view thereof;

FIG. 6 is a right side elevation view thereof;

FIG. 7 is a left side elevation view thereof;

FIG. 8 is a cross-sectional view taken along line 8—8 in FIG. 4; and,

FIG. 9 is a cross-sectional view taken along line 9—9 in FIG. 4.

### [56] References Cited

#### U.S. PATENT DOCUMENTS

D. 342,238	12/1993	Tedham et al. ....	D14/100
D. 342,724	12/1993	Yurkonis et al. ....	D14/100
5,119,497	6/1992	Freige et al. ....	D13/162 X
5,267,122	11/1993	Glover et al. ....	361/703 X
5,343,361	8/1994	Rudy, Jr. et al. ....	361/725 X

#### OTHER PUBLICATIONS

SECO® vector AC motor drive on p. 33 of *Design News* Jun. 17, 1991.

Reliance motor drive on p. 86 of *Design News* Jun. 17, 1991.

**1 Claim, 9 Drawing Sheets**

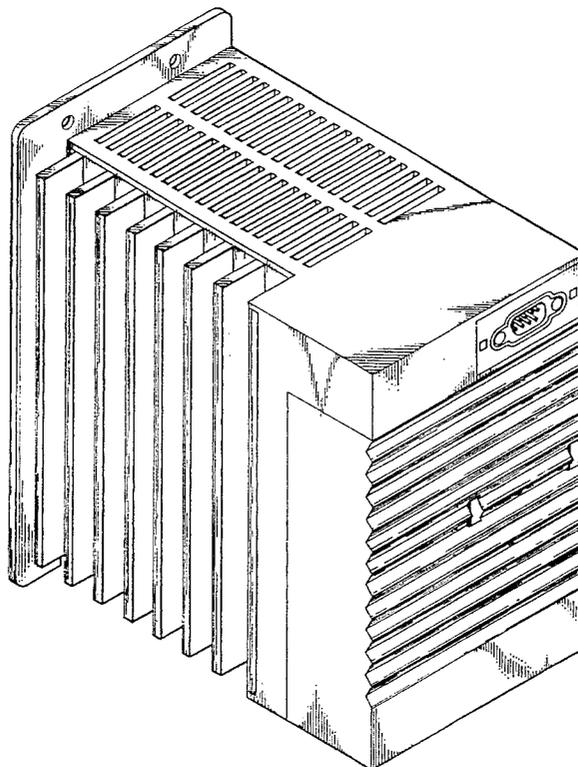


FIG. 1

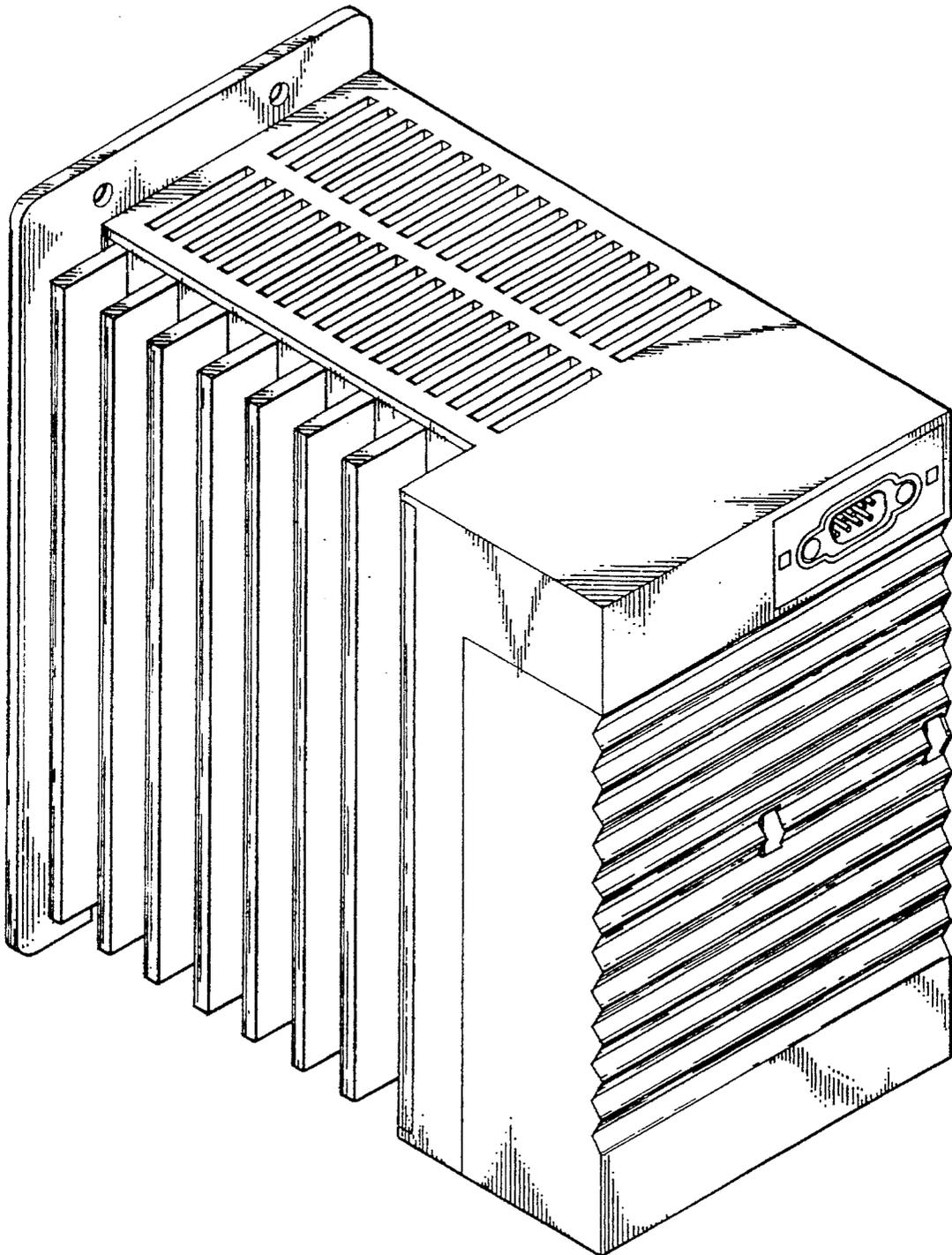


FIG.2

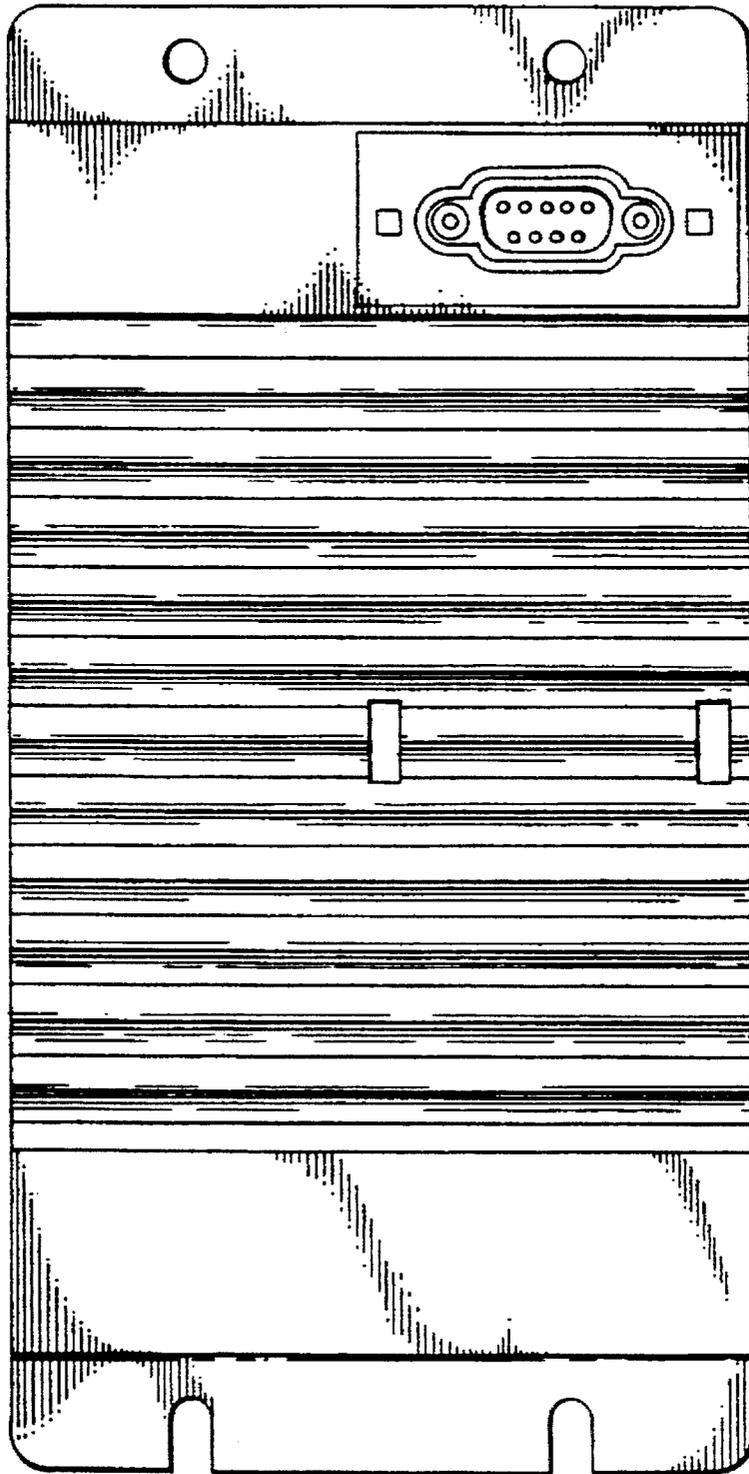


FIG.3

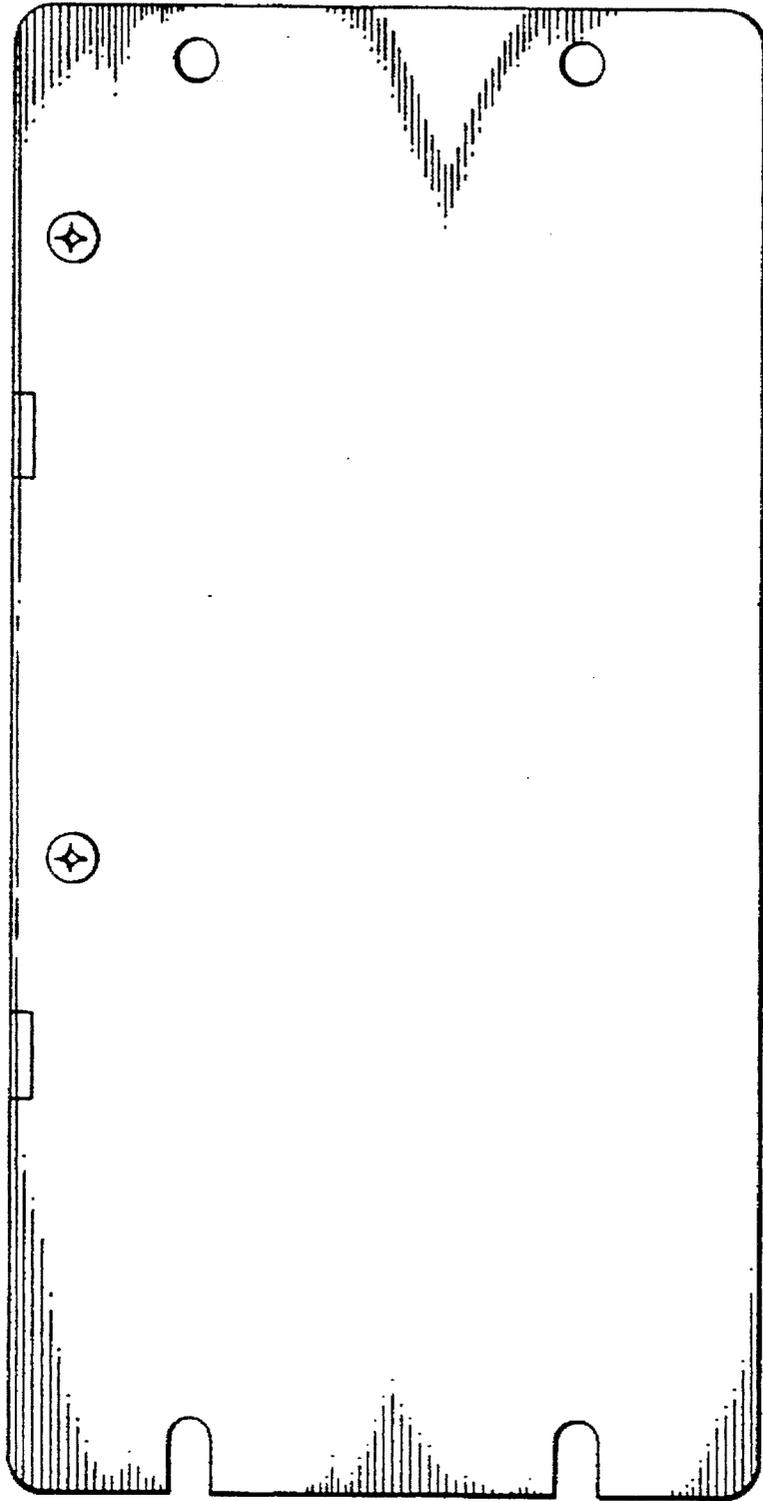


FIG. 4

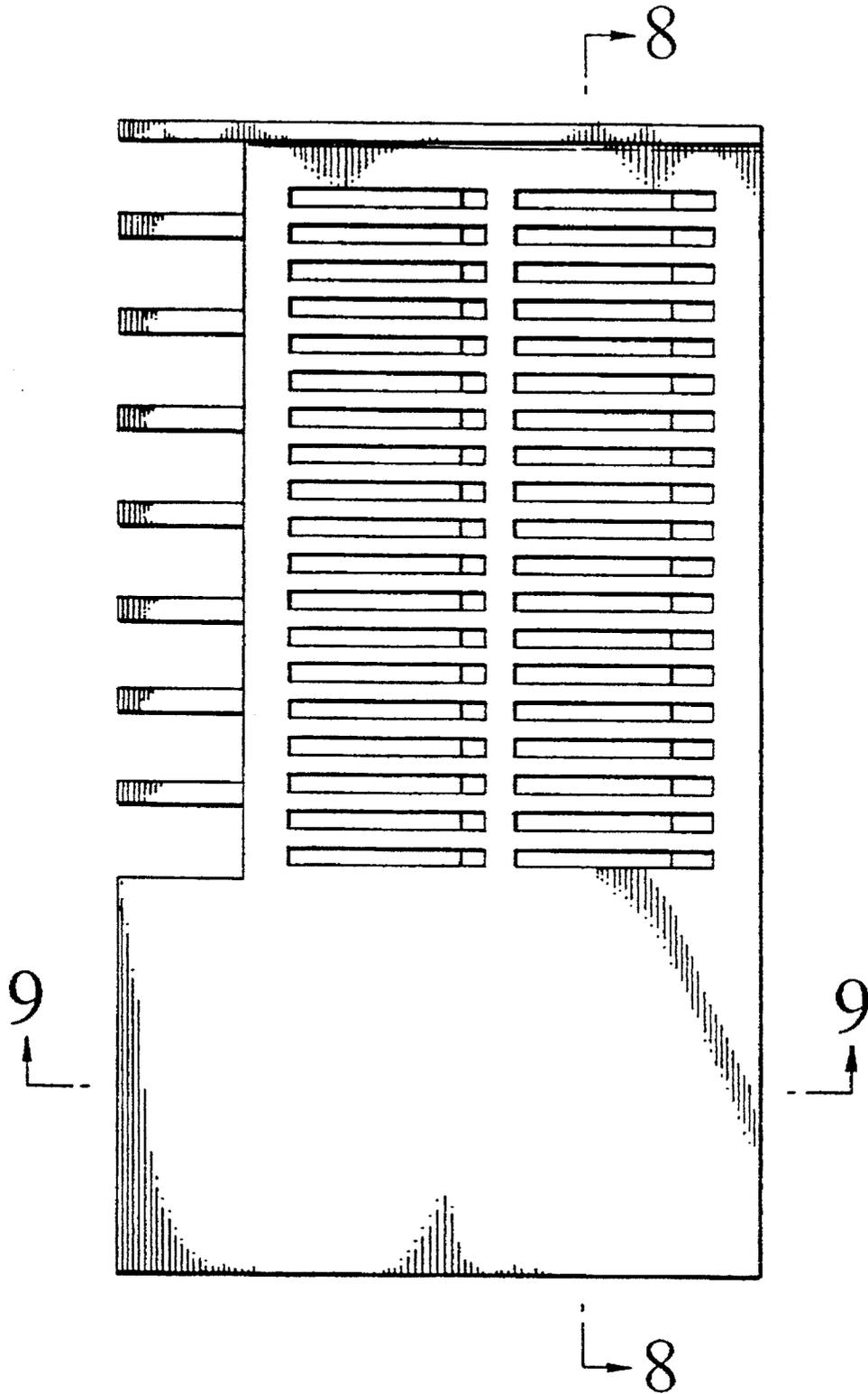


FIG. 5

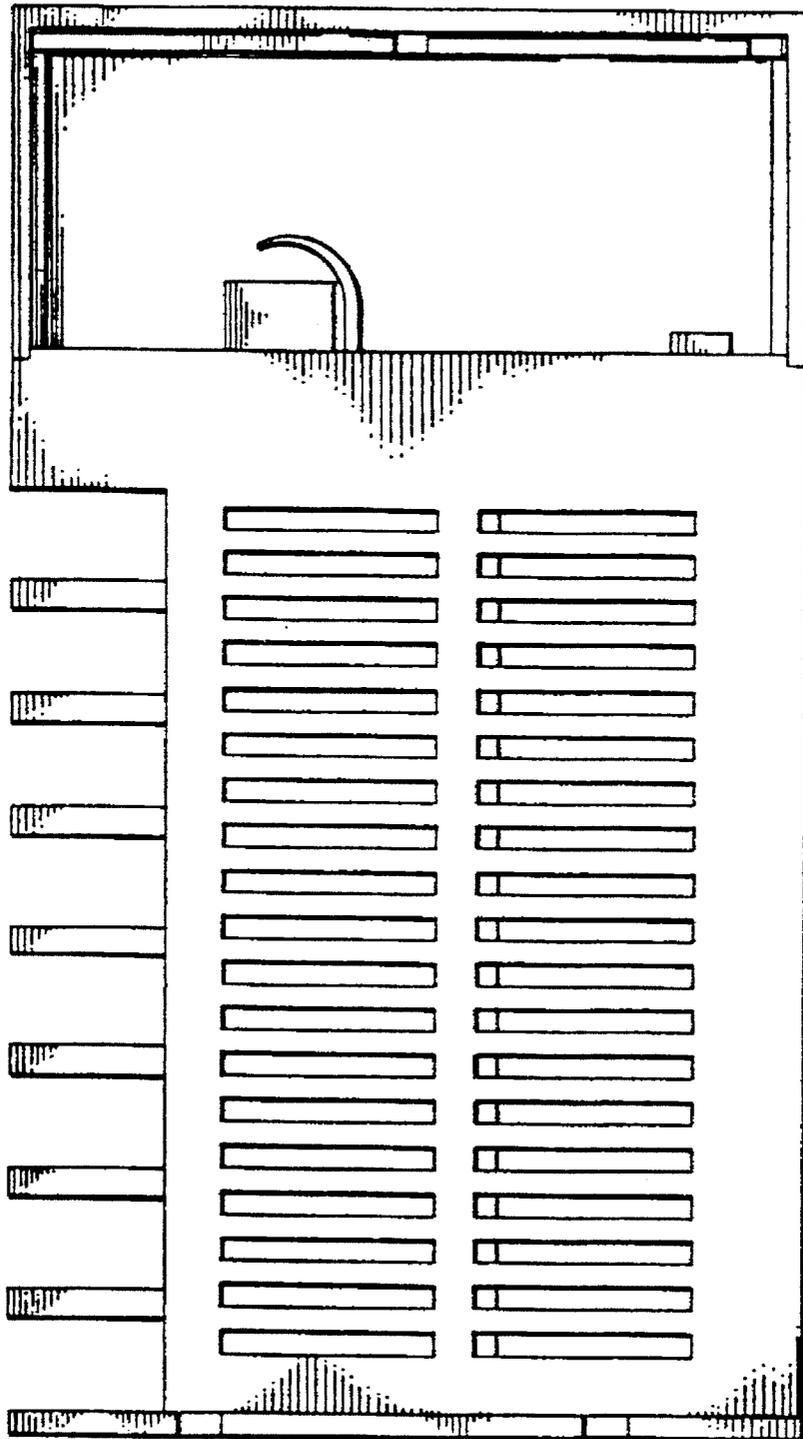


FIG. 6

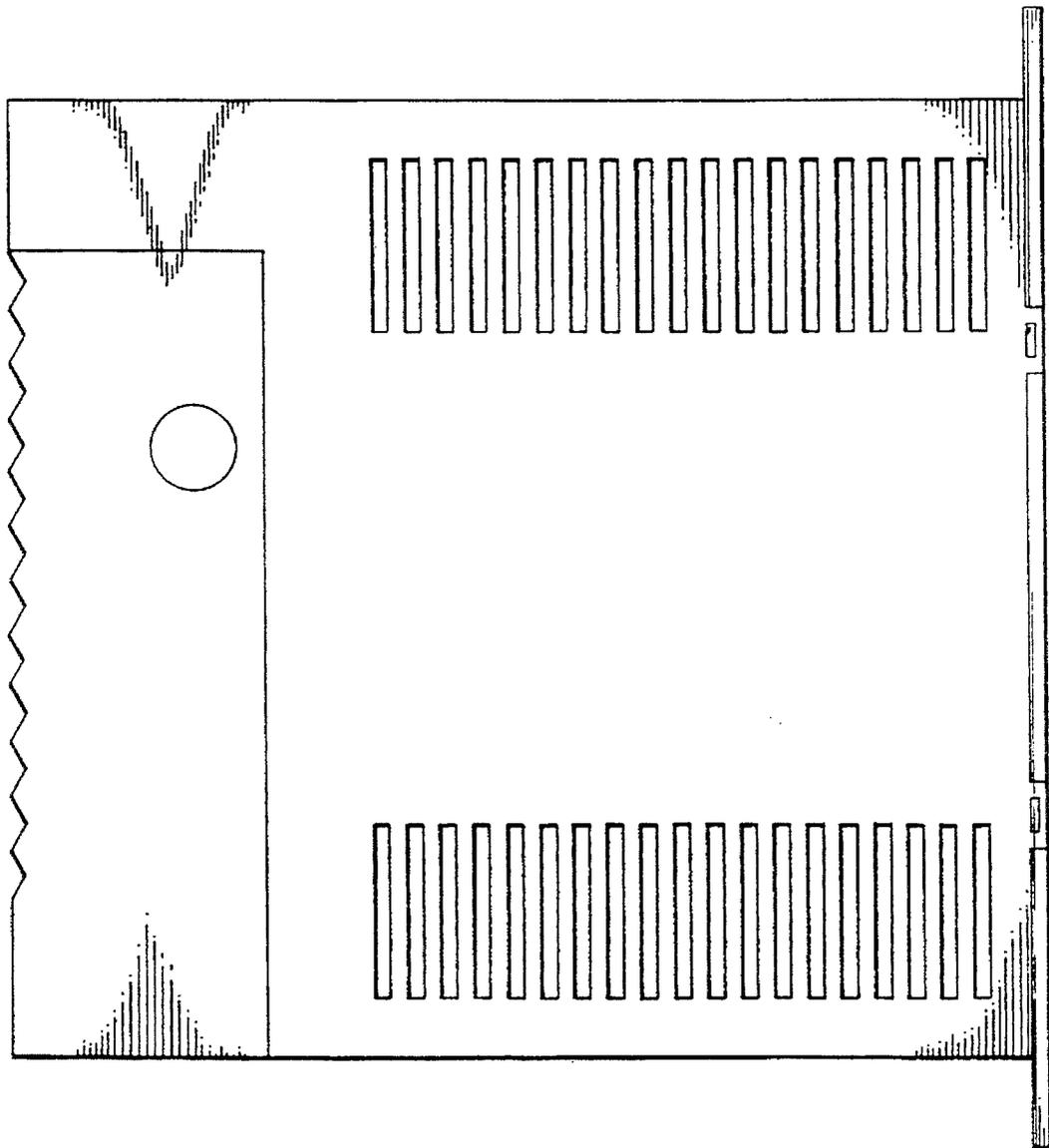


FIG. 7

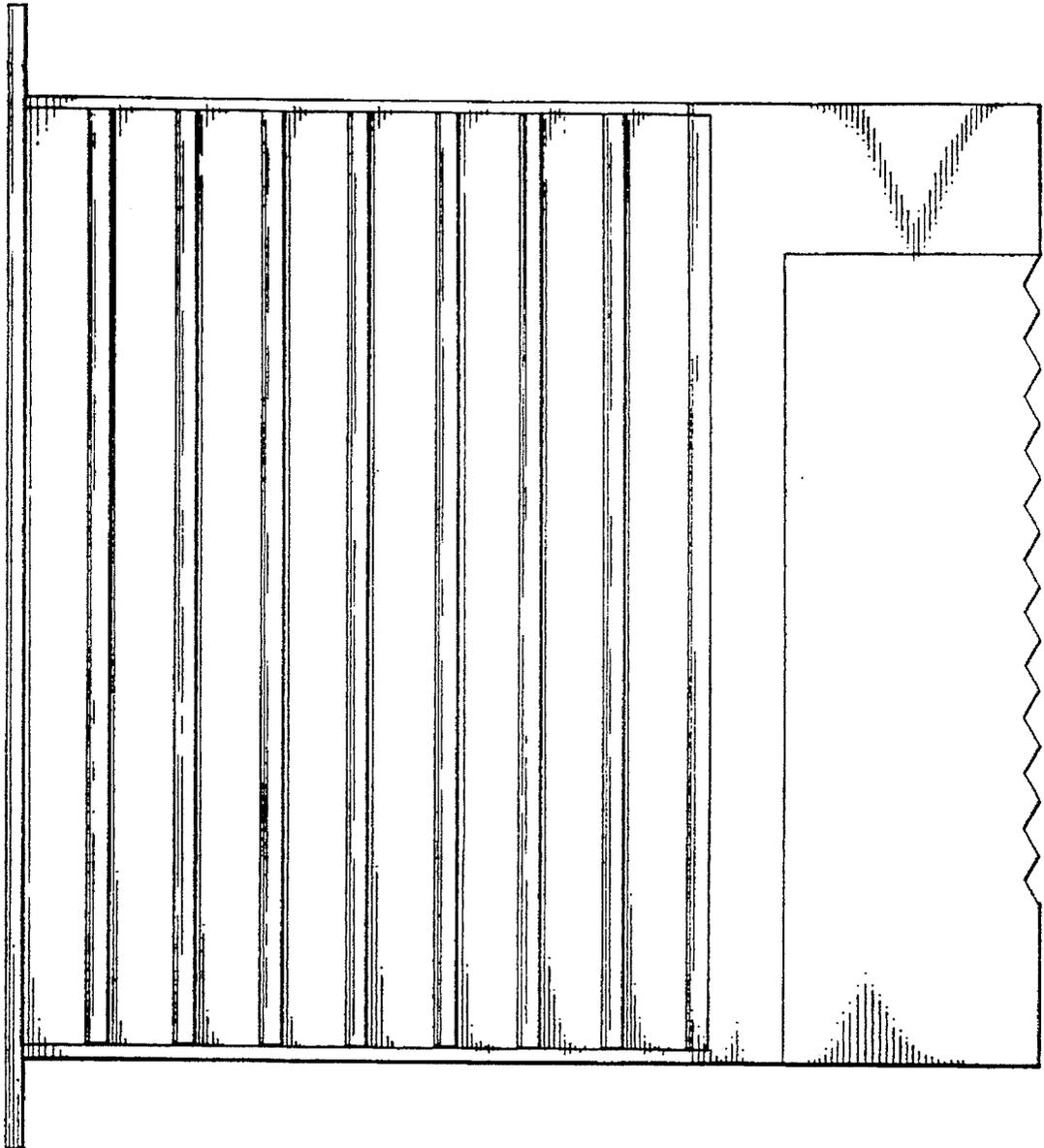


FIG. 8

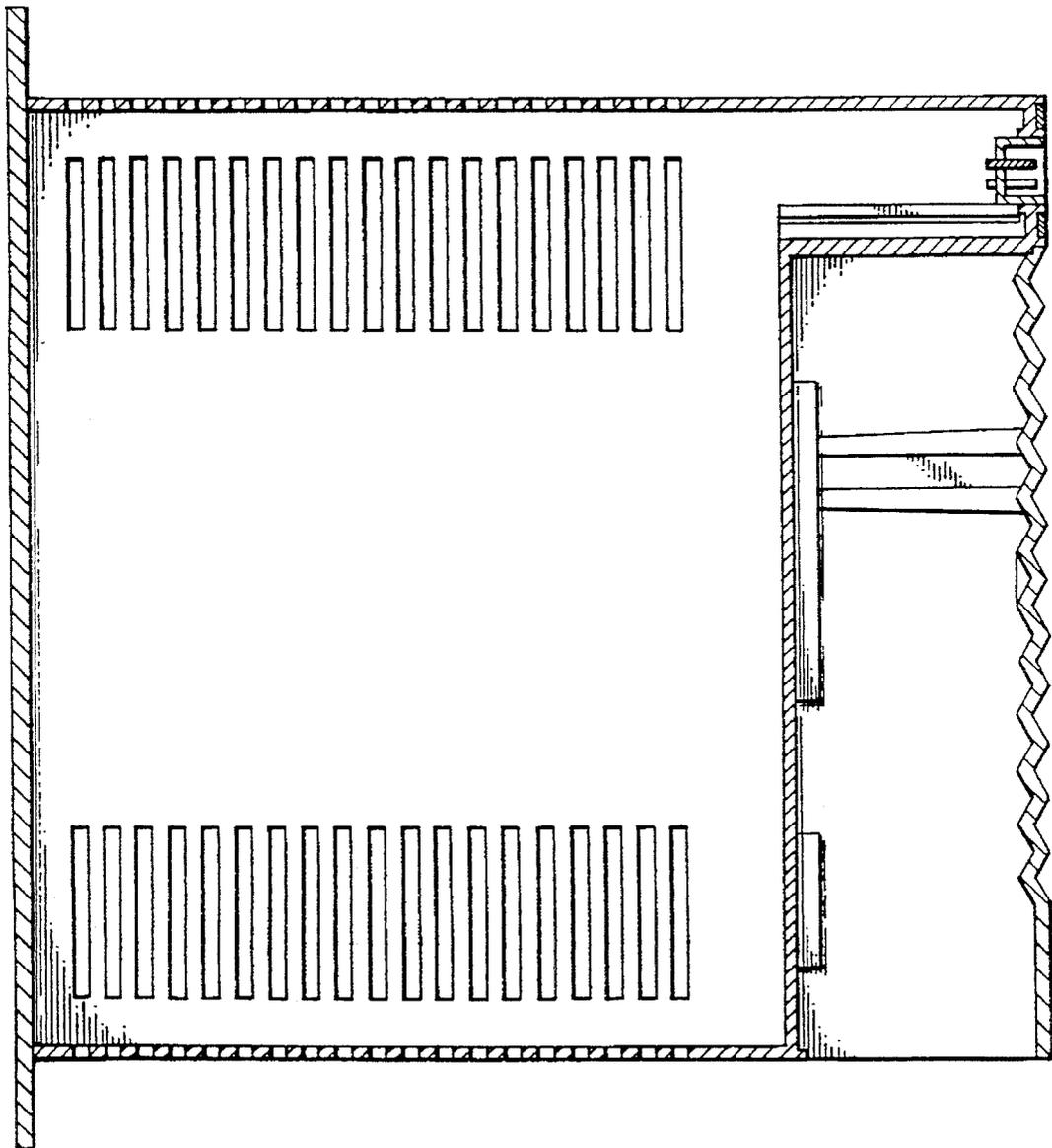


FIG. 9

