



US00D330701S

# United States Patent [19]

[11] Patent Number: **Des. 330,701**

Suzuki et al.

[45] Date of Patent: **\*\* Nov. 3, 1992**

[54] **POWER INVERTER**

[75] Inventors: **Masakatsu Suzuki, Kanagawa; Eiichi Sugishima; Hideo Iinuma**, both of Aichi, all of Japan

[73] Assignee: **Mitsubishi Denki Kabushiki Kaisha**, Tokyo, Japan

[\*] Notice: The portion of the term of this patent subsequent to Jul. 21, 2006 has been disclaimed.

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

[21] Appl. No.: **492,174**

[22] Filed: **Mar. 9, 1990**

[30] **Foreign Application Priority Data**

Sep. 14, 1989 [JP] Japan ..... 1-33754

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

[58] Field of Search ..... D13/110, 118, 162, 179, D13/184; 363/141, 142, 144; 361/380, 386, 388, 393, 394, 395

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

- D. 281,493 11/1985 Prager et al. .... D13/162
- D. 286,396 10/1986 Luciano ..... D13/118
- D. 292,394 10/1987 Boucher ..... D13/162
- D. 296,432 6/1988 Harris et al. .... D13/162
- D. 304,170 10/1989 Kondo et al. .... D13/110
- D. 309,446 7/1990 Russell ..... D13/162
- D. 309,600 7/1990 Backes ..... D13/162

- 4,152,750 5/1979 Bremenour et al. .... 361/393 X
- 4,477,862 10/1984 Gonzales ..... 361/380 X
- 4,920,453 4/1990 Onose et al. .... 361/394 X
- 4,991,056 2/1991 Shimizu et al. .... 361/380

**OTHER PUBLICATIONS**

Modules on p. 12 of Mitsubishi publication IB(NA) 66155-A (8804).

Lamba LJA-D Series converters in brochure from Lamba Electronics, 155 Broad Hollow Rd., Melville, L.I., N.Y., 11747.

Vexta controller on p. 136 of *Control Engineering*, Jun. 1989.

Robbins and Myers control moddules on p. 25 of *Design News*, Sep. 4, 1989.

*Primary Examiner*—Wallace R. Burke

*Assistant Examiner*—Joel Sincavage

*Attorney, Agent, or Firm*—Rothwell, Figg, Ernst & Kurz

[57] **CLAIM**

The ornamental design for a power inverter, as shown.

**DESCRIPTION**

FIG. 1 is a front elevational view of an power inverter showing our new design;

FIG. 2 is a left side elevational view of that shown in FIG. 1;

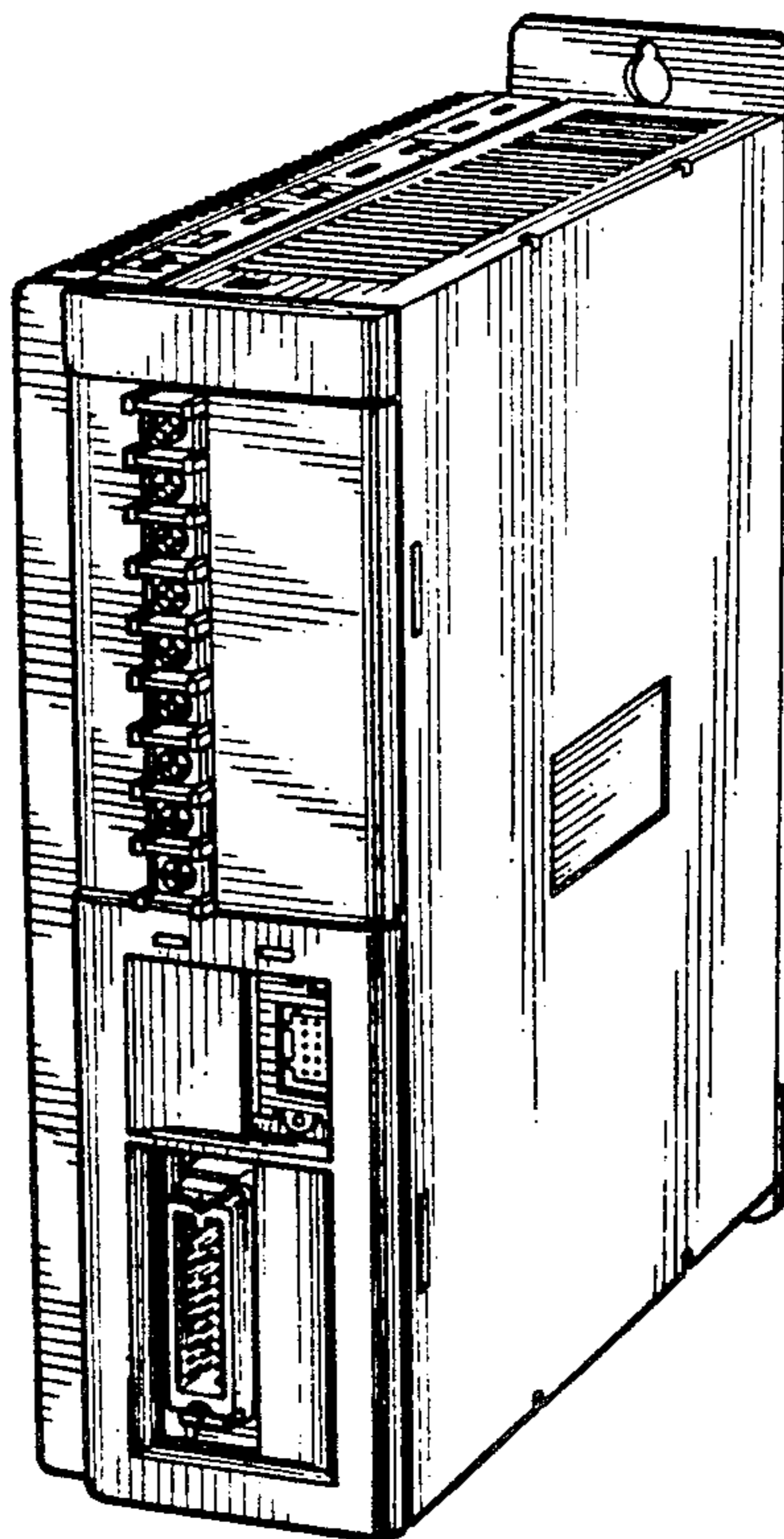
FIG. 3 is a top plan view thereof;

FIG. 4 is a rear elevational view thereof;

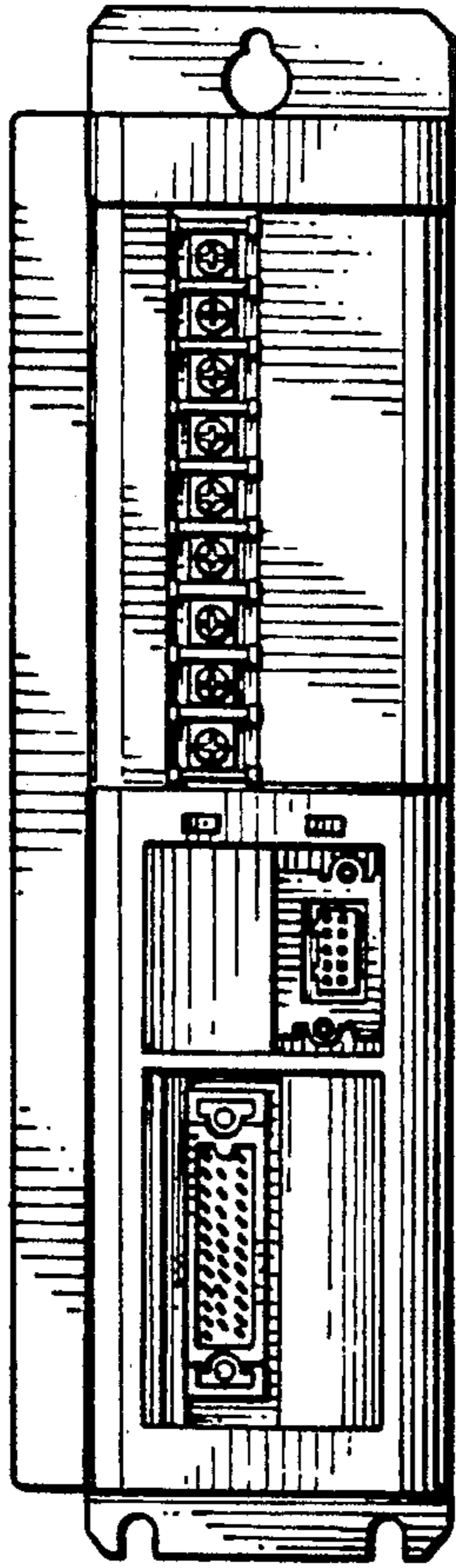
FIG. 5 is a right side elevational view thereof;

FIG. 6 is a bottom plan view thereof; and,

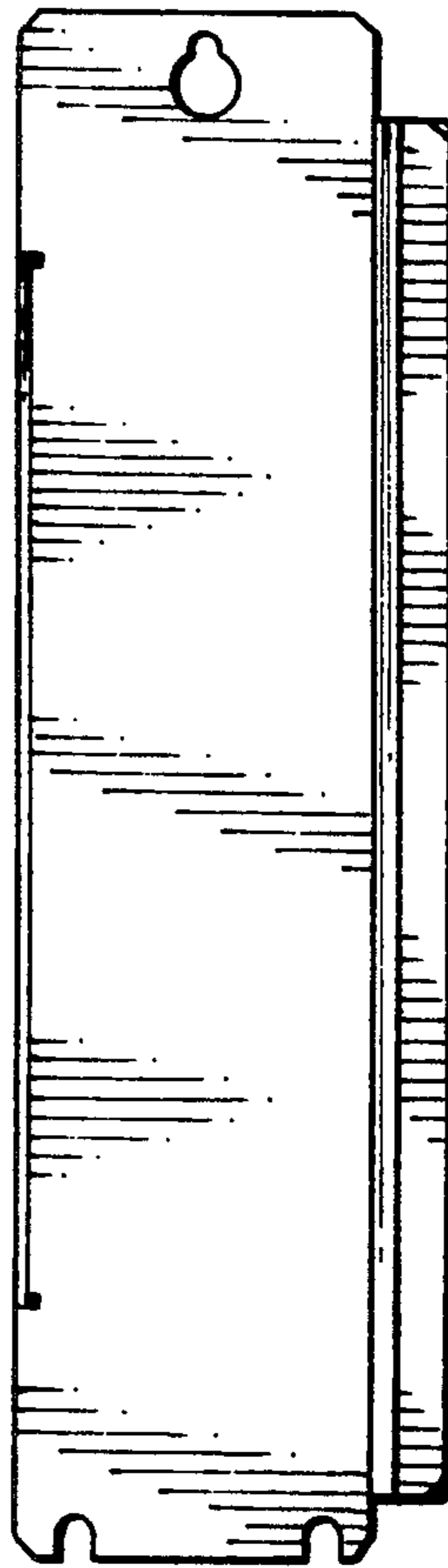
FIG. 7 is a perspective view thereof.



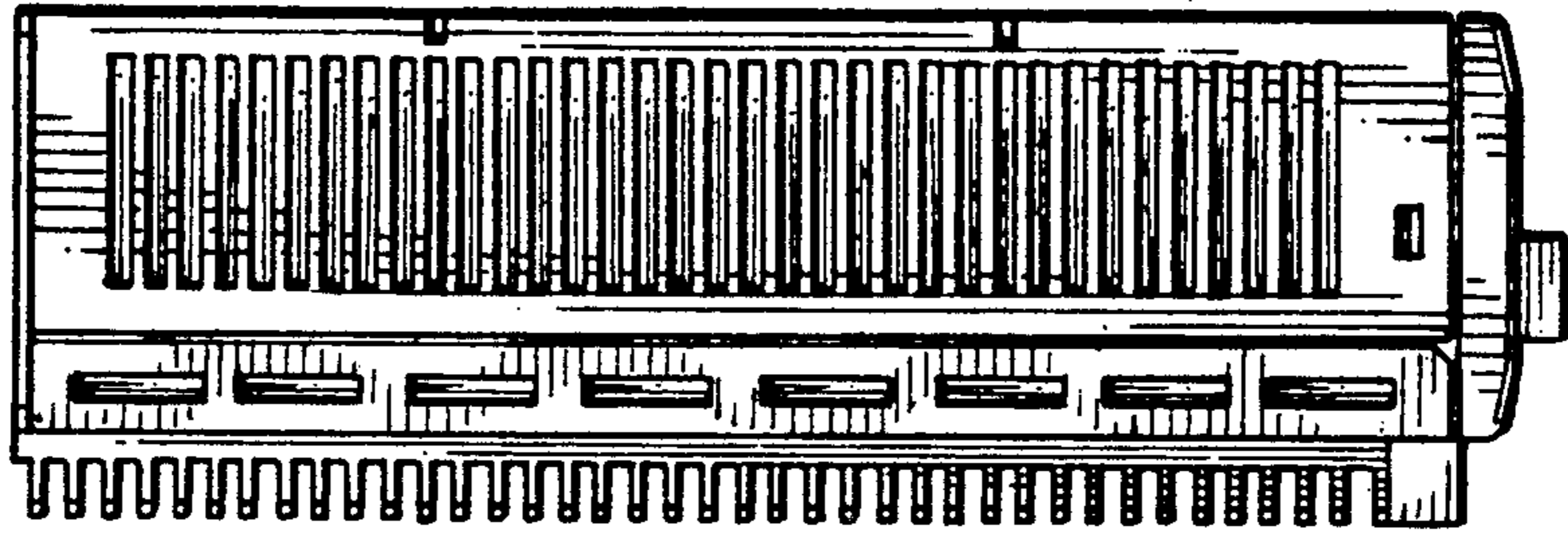
**FIG. 1**



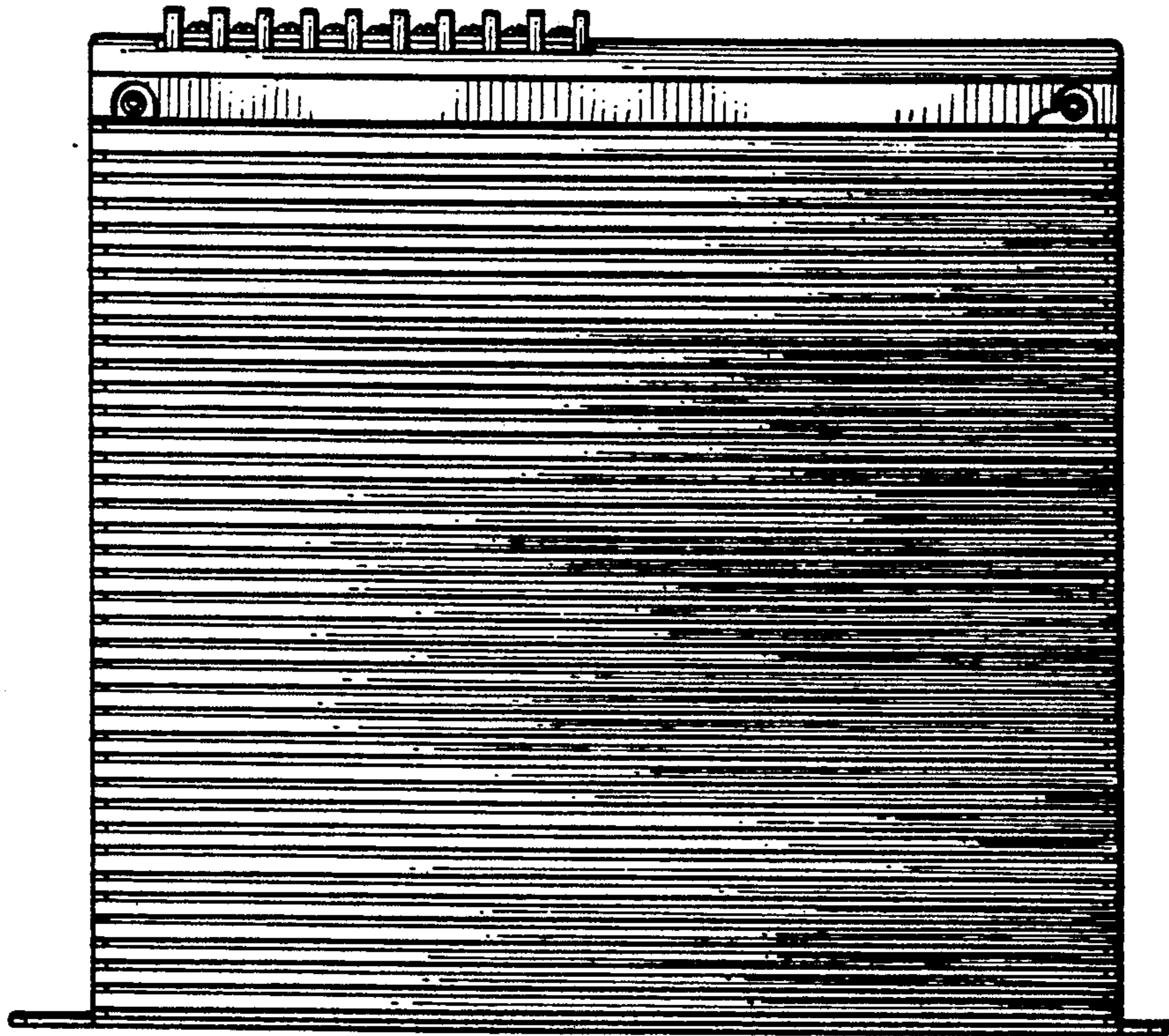
**FIG. 4**



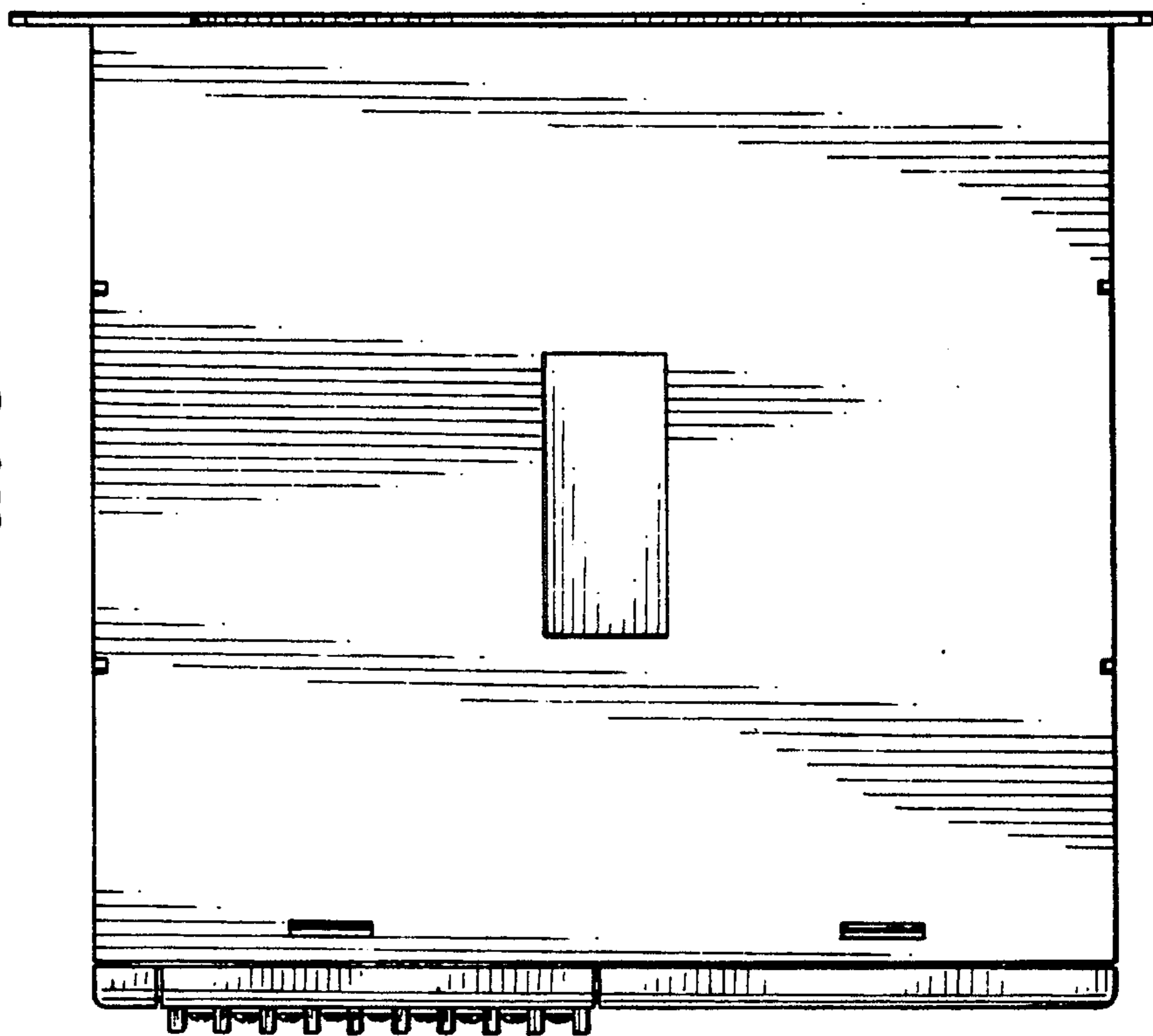
**FIG. 3**



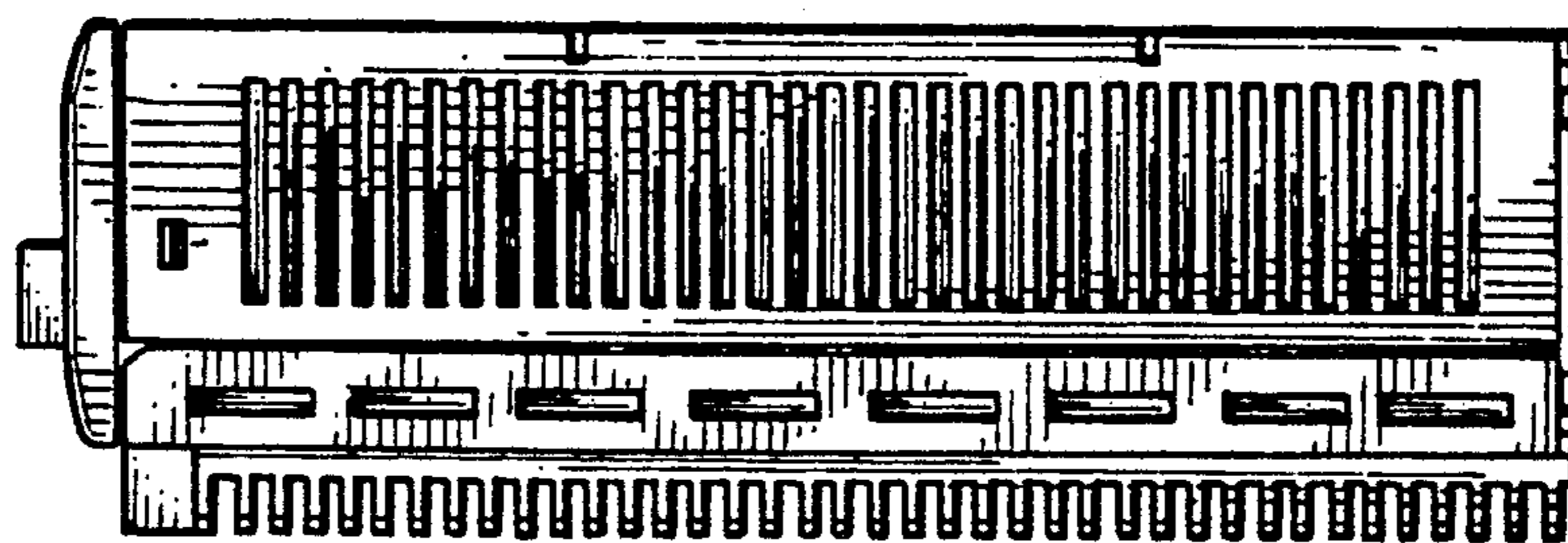
**FIG. 2**



**FIG. 5**



**FIG. 6**



**FIG. 7**

