



US00D325900S

# United States Patent [19]

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Shimizu et al.

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## [54] PROGRAMMABLE CONTROLLER

[75] Inventors: Norio Shimizu; Yuichi Watanabe, both of Tokyo, Japan

[73] Assignee: Koyo Electronics Industries Ltd., Tokyo, Japan

[\*\*] Term: 14 Years

[21] Appl. No.: 317,698

[22] Filed: Mar. 1, 1989

### [30] Foreign Application Priority Data

Sep. 1, 1988 [JP] Japan ..... 63-34660

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

[58] Field of Search ..... D13/123, 162, 164, 184; 361/380, 383, 393; 364/138, 146, 900, 921, 949

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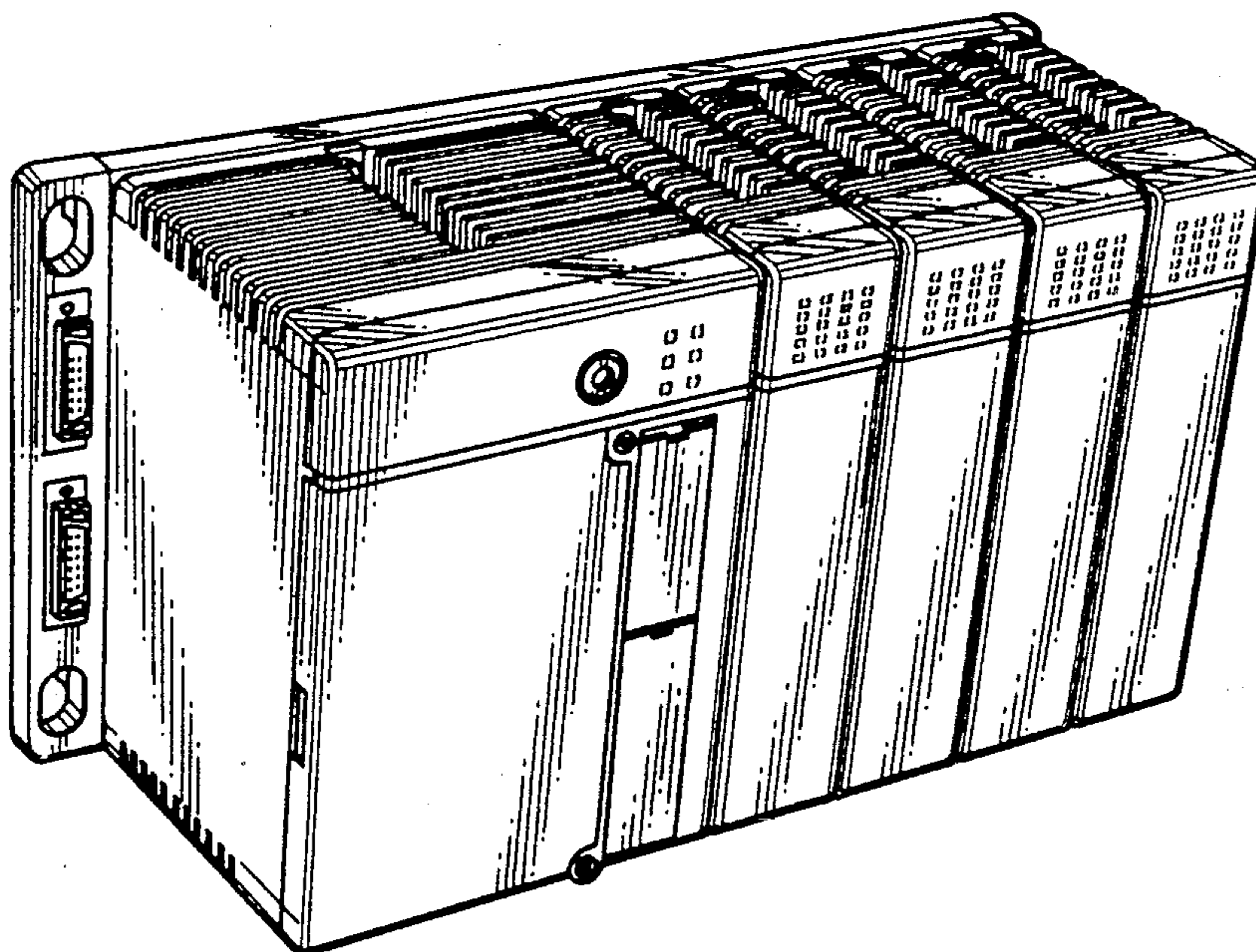
Attorney, Agent, or Firm—Sughrue, Mion, Zinn, Macpeak & Seas

## [57] CLAIM

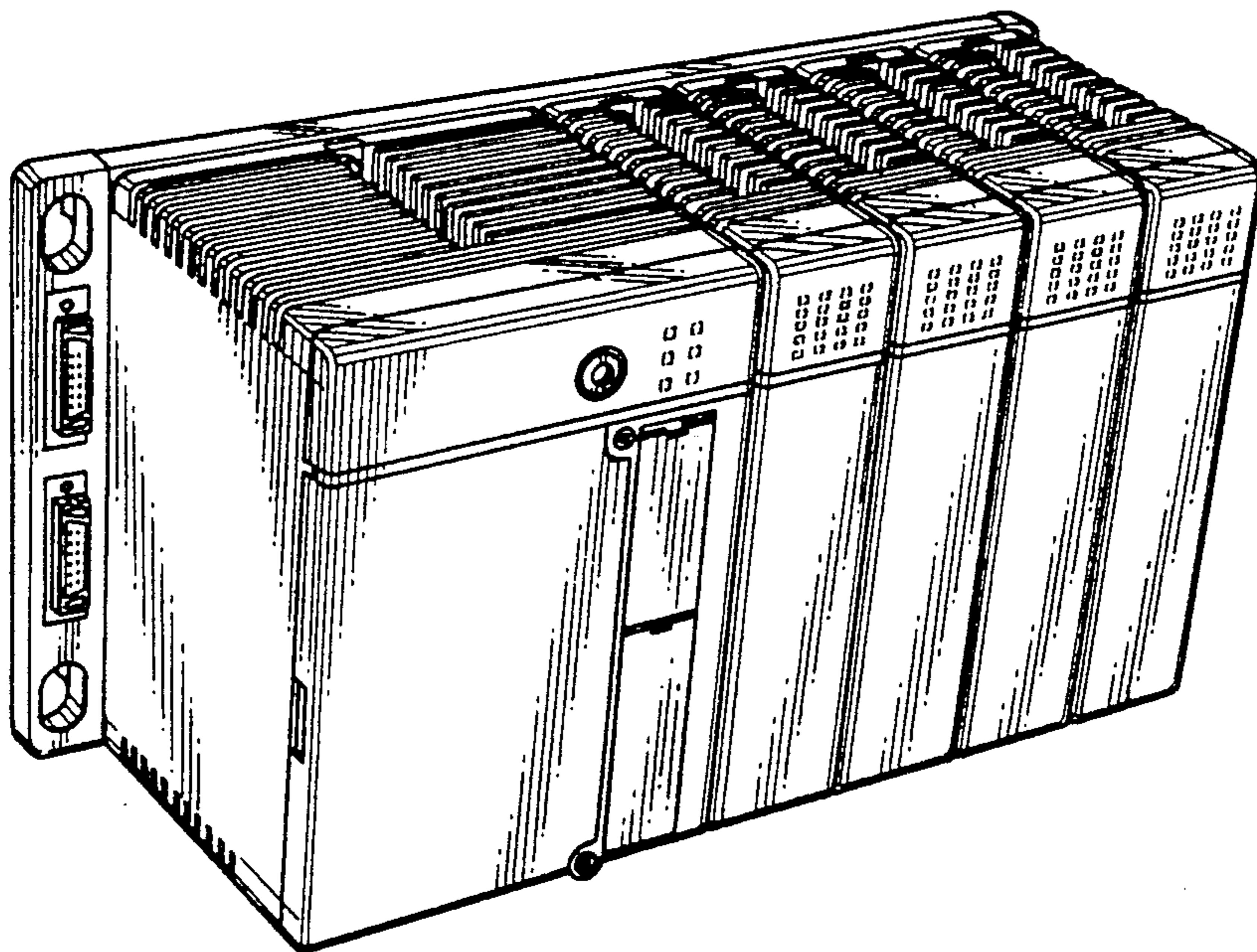
The ornamental design for a programmable controller, as shown and described.

## DESCRIPTION

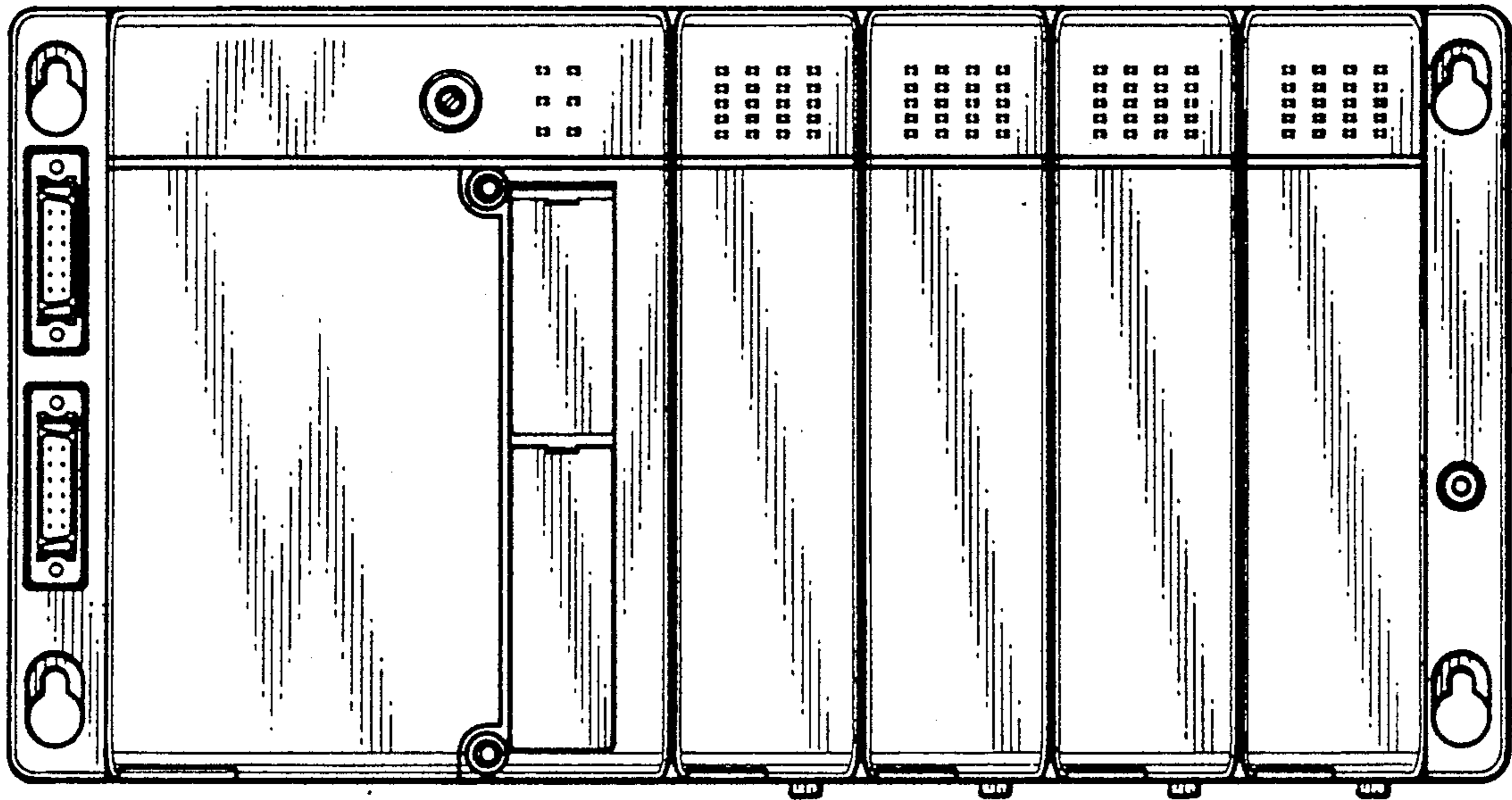
FIG. 1 is a front, top and left side perspective view of a programmable controller showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a left side elevational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



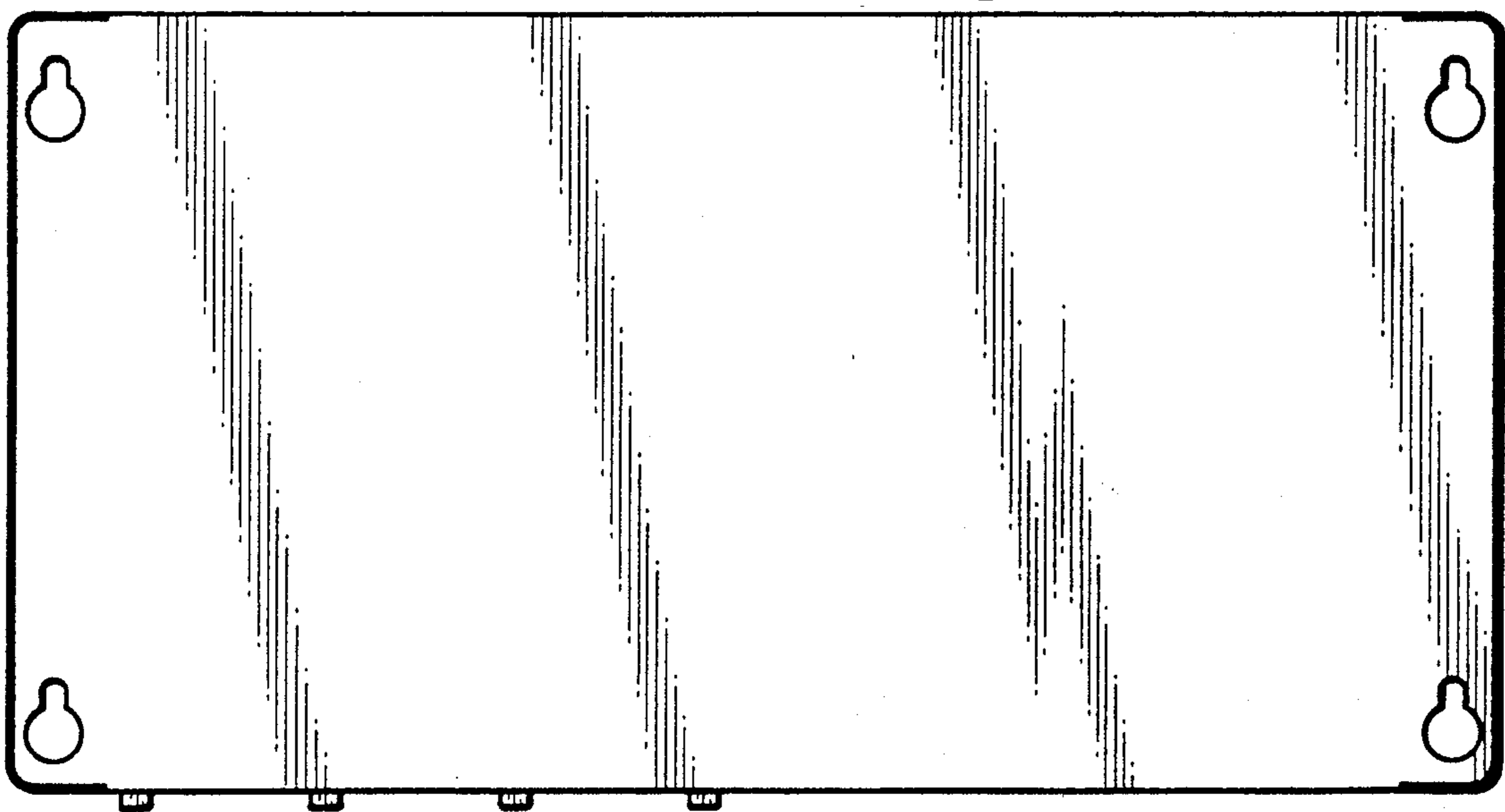
*Fig. 1*



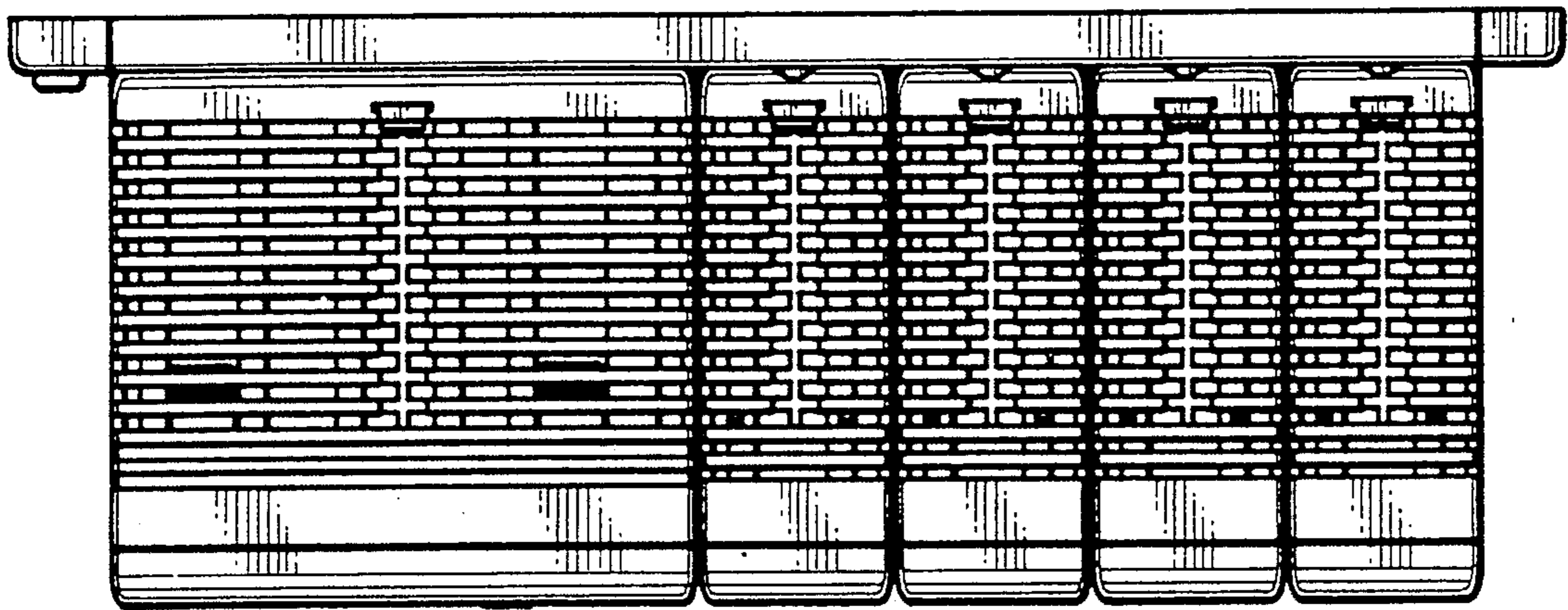
*Fig. 2*



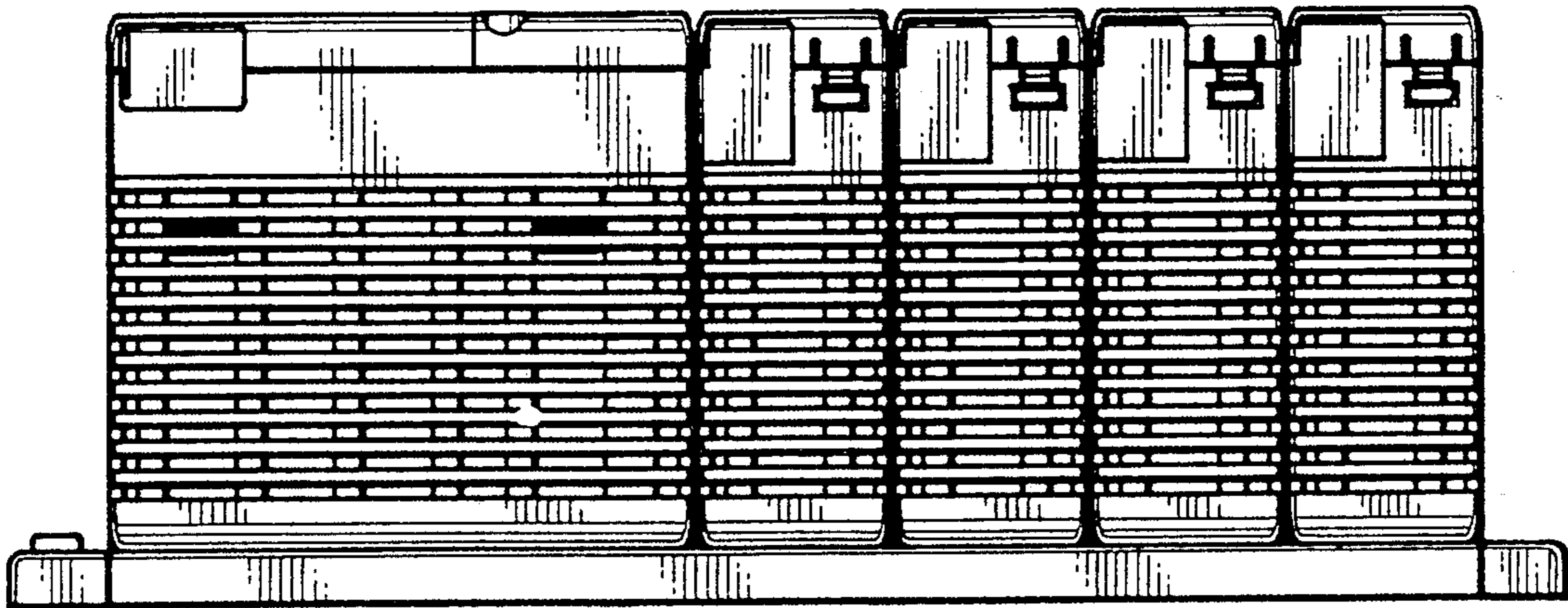
*Fig. 3*



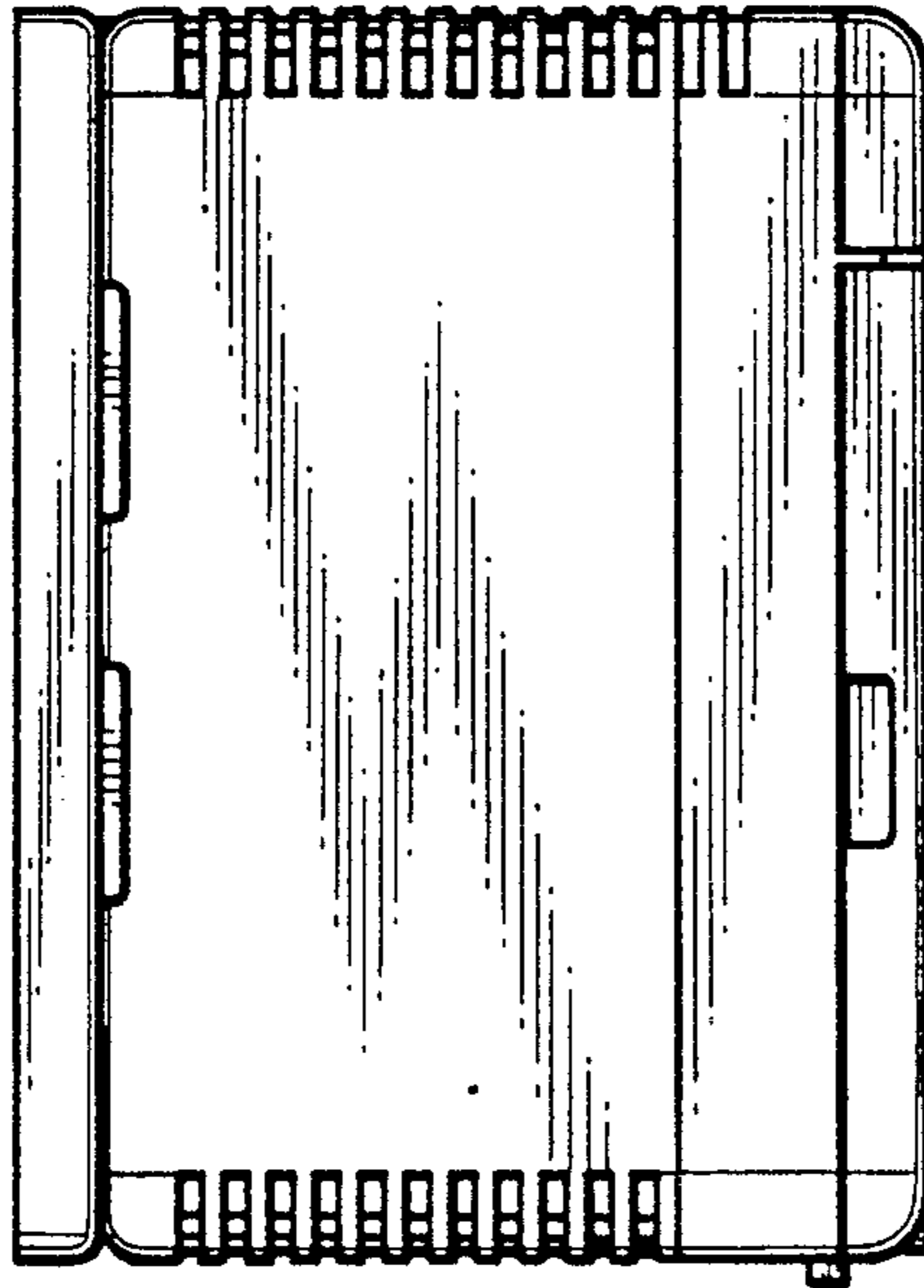
*Fig. 4*



*Fig. 5*



*Fig. 6*



*Fig. 7*

