

[54] PROGRAMABLE CONTROLLER

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

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

[\*\*] Term: 14 Years

[21] Appl. No.: 465,414

[22] Filed: Feb. 10, 1983

[30] Foreign Application Priority Data

Sep. 9, 1982 [JP] Japan ..... 57-41248

Sep. 9, 1982 [JP] Japan ..... 57-41249

[52] U.S. Cl. .... D13/12

[58] Field of Search ..... D13/12, 32, 35, 37, D13/38, 40, 41; 361/331-334, 337, 339, 361, 390-395, 399; D14/100

[56] References Cited

U.S. PATENT DOCUMENTS

4,479,238 10/1984 Spector ..... 361/391

4,479,263 10/1984 Rosenfeldt et al. .... 361/390

OTHER PUBLICATIONS

Controlpac 600, Programmable Controller p. A-4, Eagle Signal Industrial Controls-Bulletin A, Electrical Housings Box.

Computer Design, 1982, p. 220 Qantex Cartridge Tape Storage System.

Primary Examiner—Wallace R. Burke

Assistant Examiner—Lynn Wilder

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

[57] CLAIM

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

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a variant of the programable controller showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a rear elevational view thereof; and

FIG. 7 is a bottom plan view thereof.

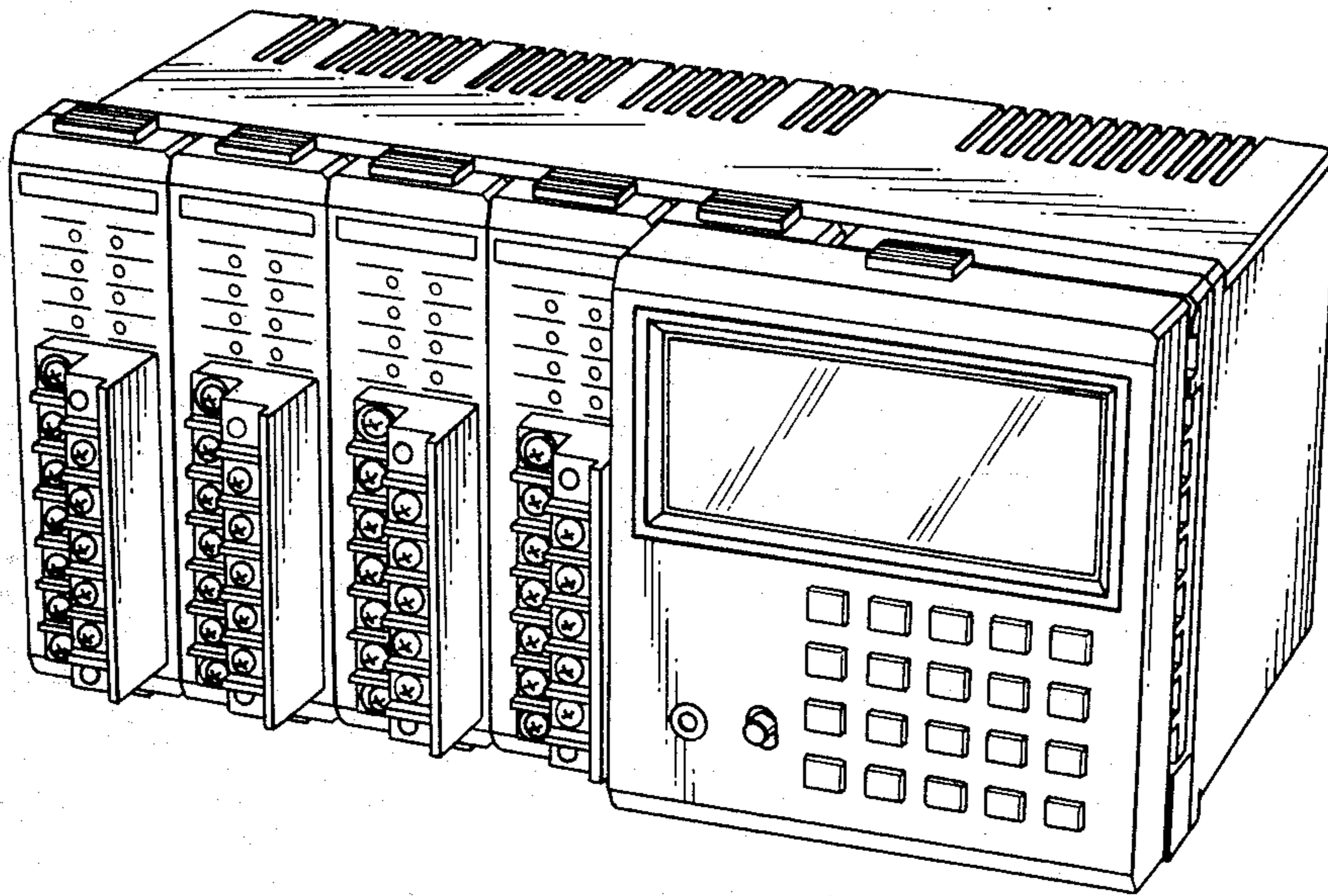


Fig. 1

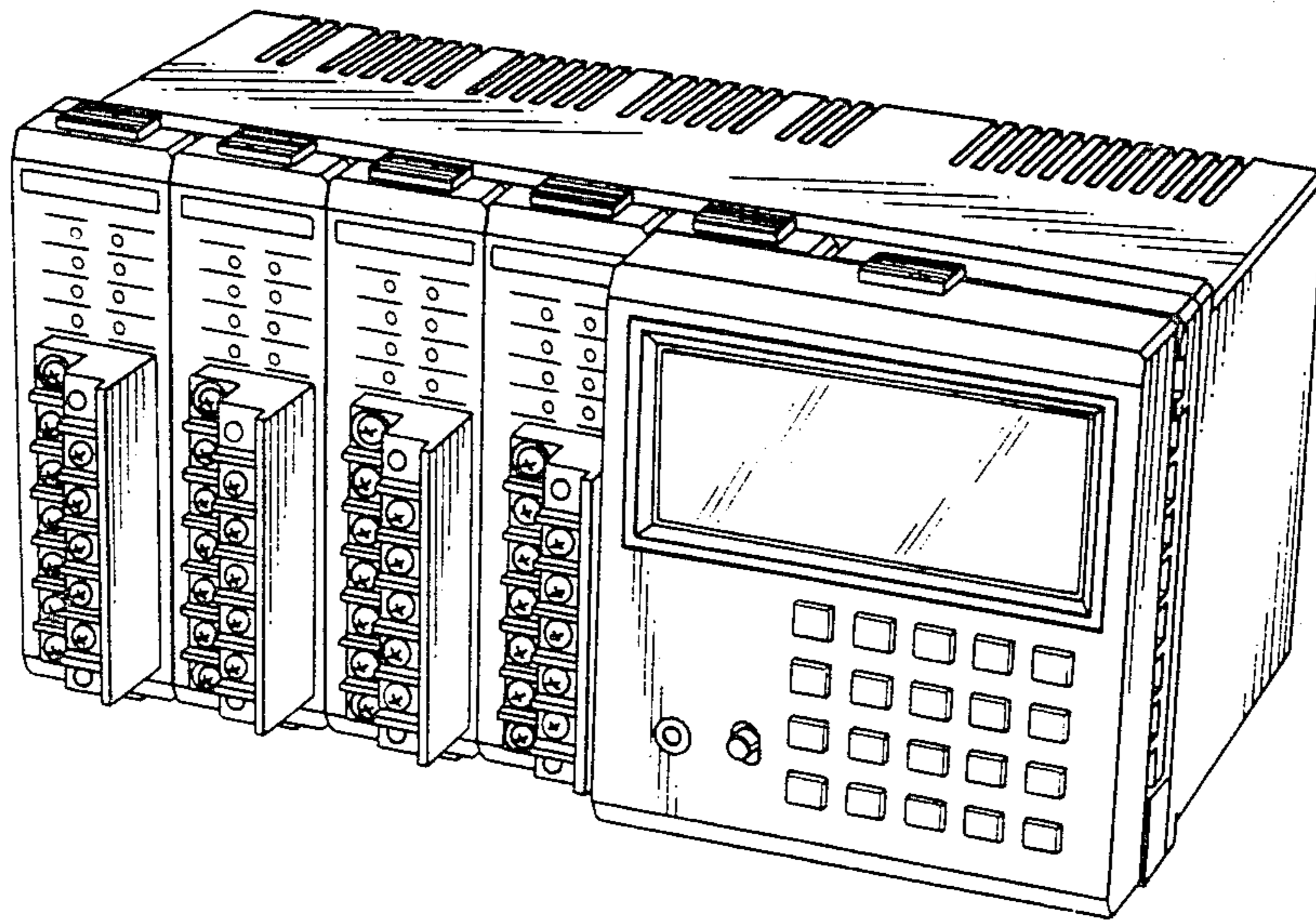


Fig. 2

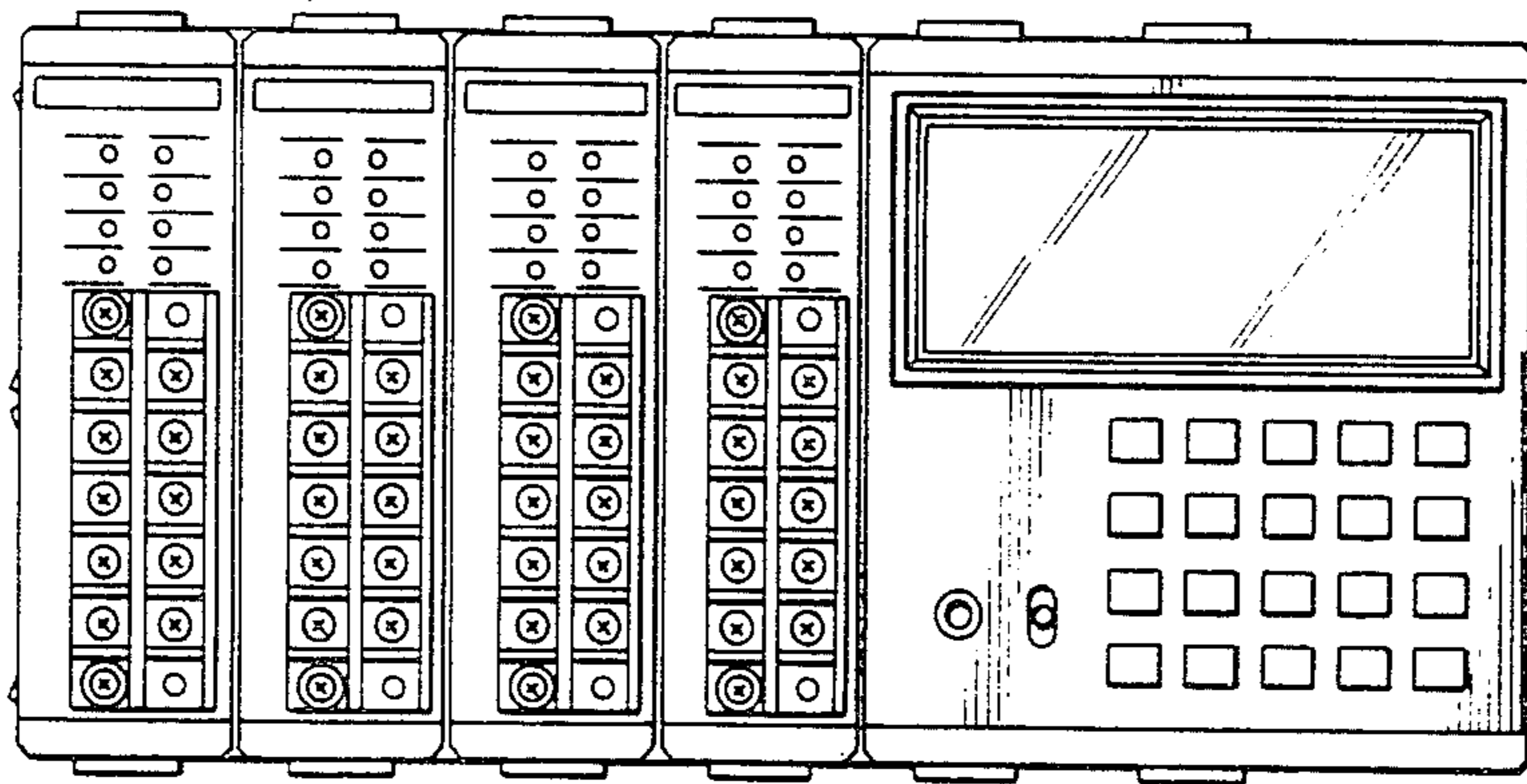


Fig. 3

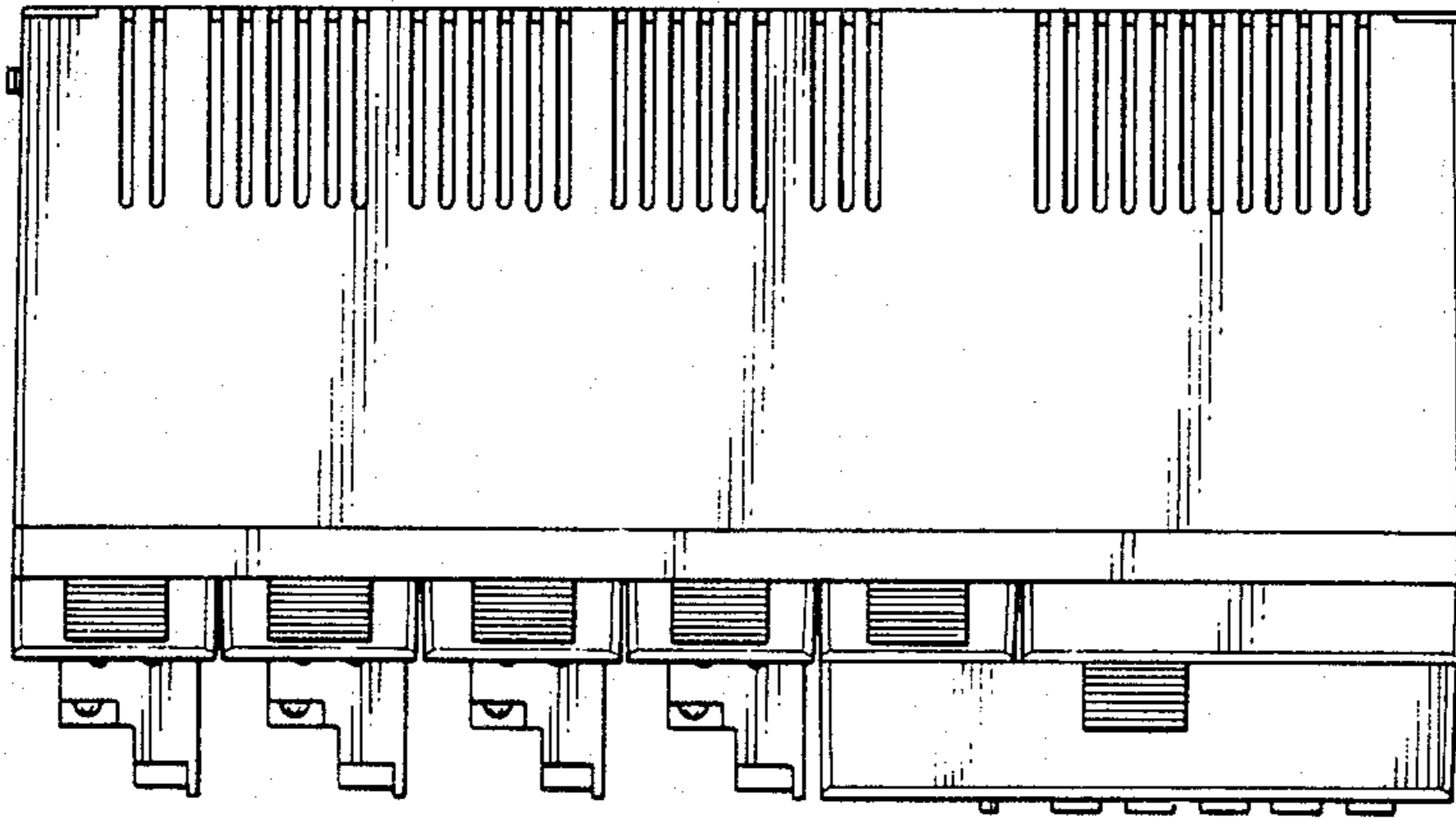


Fig. 4

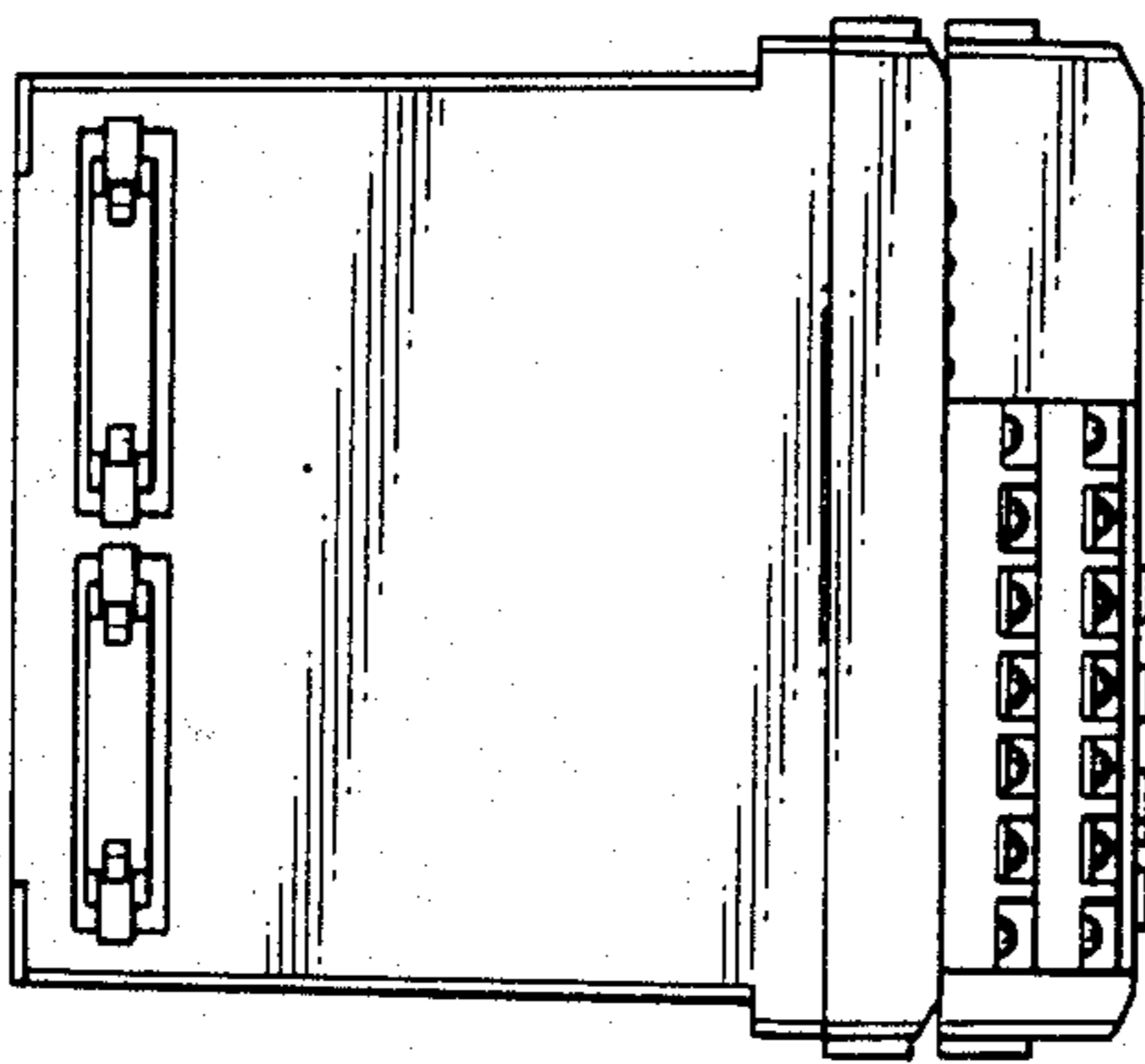


Fig. 5

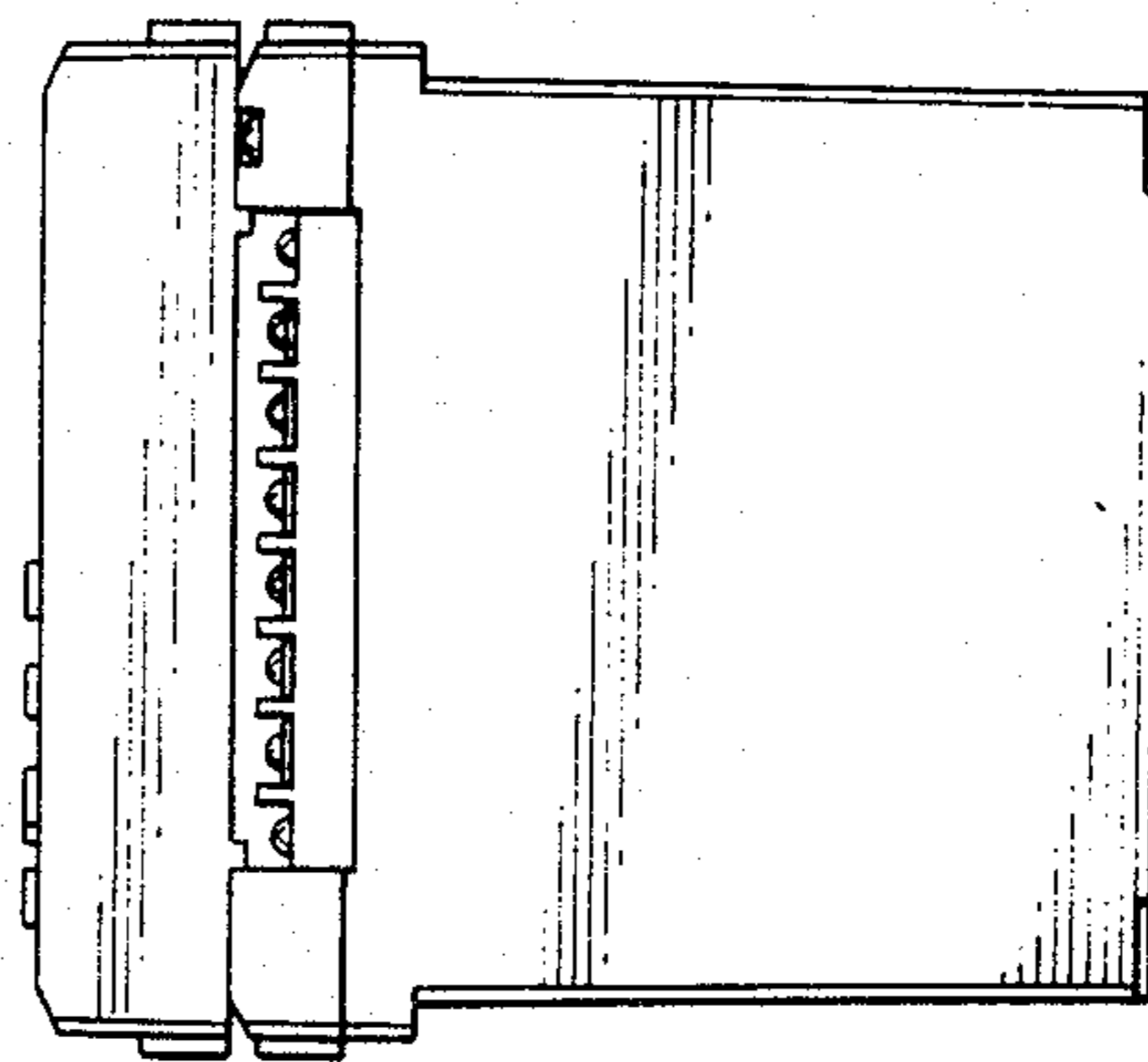


Fig. 6

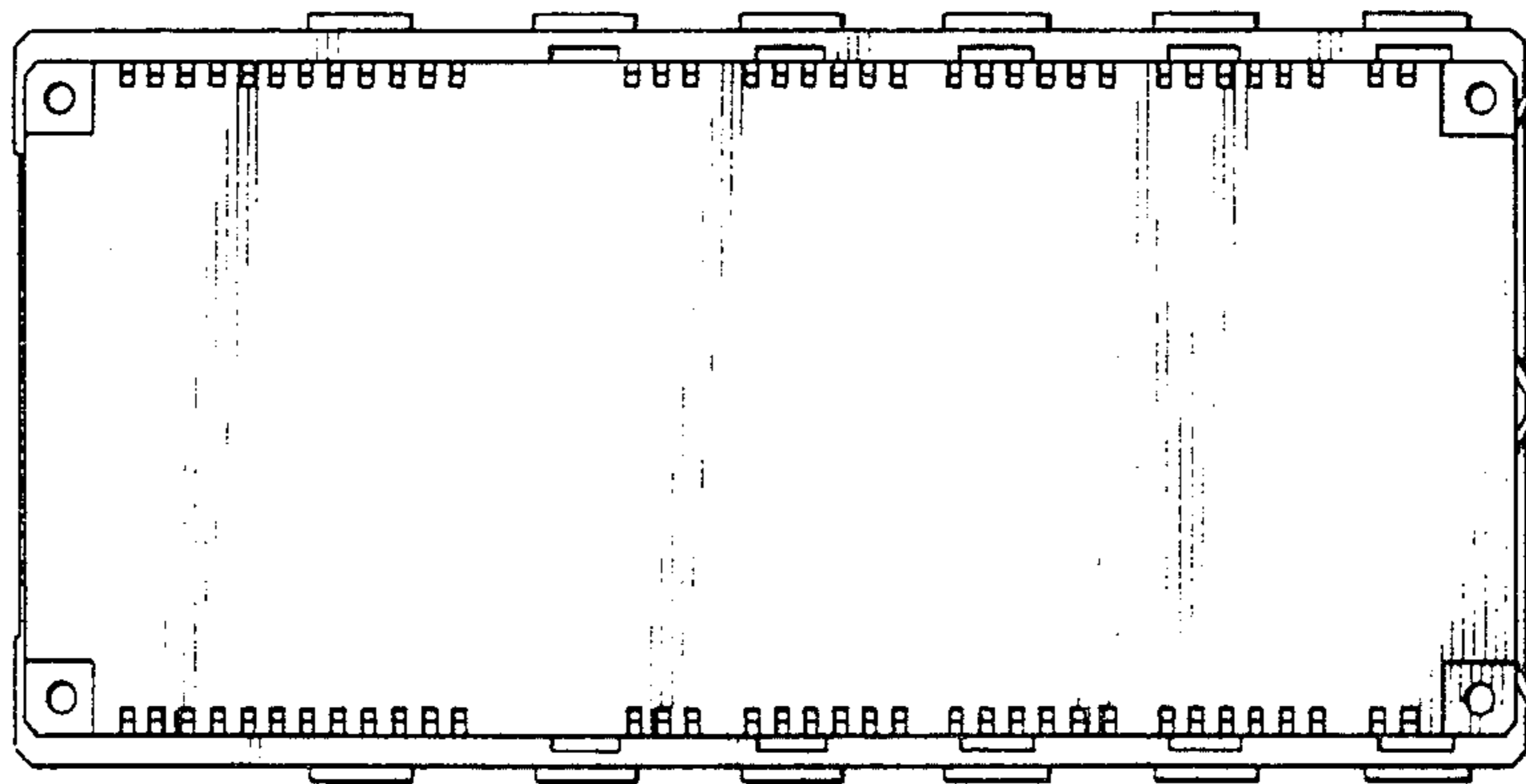


Fig. 7

