



US00D417198S

# United States Patent [19] Clifton et al.

[11] Patent Number: Des. 417,198

[45] Date of Patent: \*\* Nov. 30, 1999

- [54] **I/O MODULE FOR A MODULAR DISTRIBUTED I/O SYSTEM**
- [76] Inventors: **Glen E Clifton**, 8609 Tallwood Dr., Austin, Tex. 78759; **Garritt Foote**, 14721 Bescott Dr., Austin, Tex. 78728; **Chris S. Johnson**, 5672 Rain Creek Pkwy., Austin, Tex. 78759
- [\*\*] Term: **14 Years**
- [21] Appl. No.: **29/084,028**
- [22] Filed: **Feb. 23, 1998**
- [51] **LOC (6) Cl.** ..... **13-03**
- [52] **U.S. Cl.** ..... **D13/162**
- [58] **Field of Search** ..... D13/162, 162.1, D13/164, 184; D14/100, 107; 361/686, 728

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 290,694	7/1987	Shimizu et al.	.....	D13/162
D. 368,252	3/1996	Nakai	.....	D13/162
4,764,868	8/1988	Ketelhut et al.	.....	395/832

**OTHER PUBLICATIONS**

Boat/U.S. magazine, p.290 (Heart Interface Inverter) 1991.  
 Sixtrak Programmable I/O for Windows, product brochure, ©Copyright 1996, Digitronics Sixnet, 6 pages.  
 Systron® Flexible I/O's programmable controller, product brochure, Mar. 1998,12 pages.  
 Personal Daq™: Portable USB Data Acquisition, product brochure, ©Copyright 1997, Iotech Inc., 2 pages.  
 Flexible and Modular I/O Design Lowers Installation, Wiring and Maintenance Costs: Product Profile from Rockwell Automation ©Copyright 1994, Allen-Bradley Company Inc., 4 pages.

The birth of . . . our latest RevolutI/On by Wago Corporation, product brochure, Aug. 31, 1995, 19 pages.

WINbloc . . . puts I/O right on track: product information from Weidmüller: The Interface Partner, Oct. 1995, 10 pages.

Beckhoff Bus-Klemme: Der universelle Grundbaustein für die Automatesierungstechnik, German-language product brochure, from Beckhoff Industrie Elektonik, 1996, 56 pages.

Total Solutions for PC-based Industrial Automation, Solution Guide vol. 71, by Advantech, Feb. 1997, 126 pages.

Flex I/O (Catalog No. 1794) Product Data, Apr. 1997, 83 pages.

*Primary Examiner*—Adir Aronovich  
*Attorney, Agent, or Firm*—Conley, Rose & Tayon; Jeffrey C. Hood

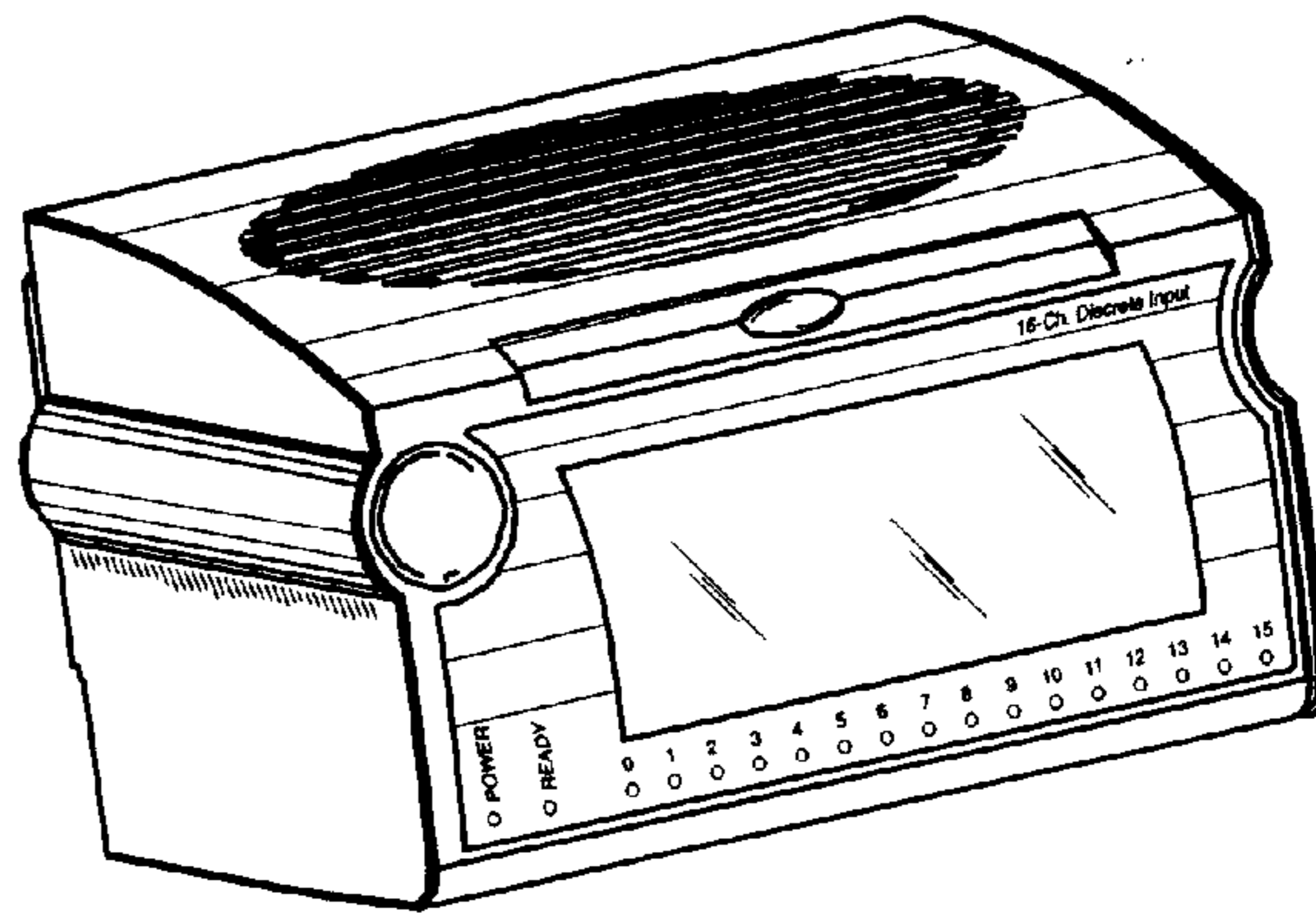
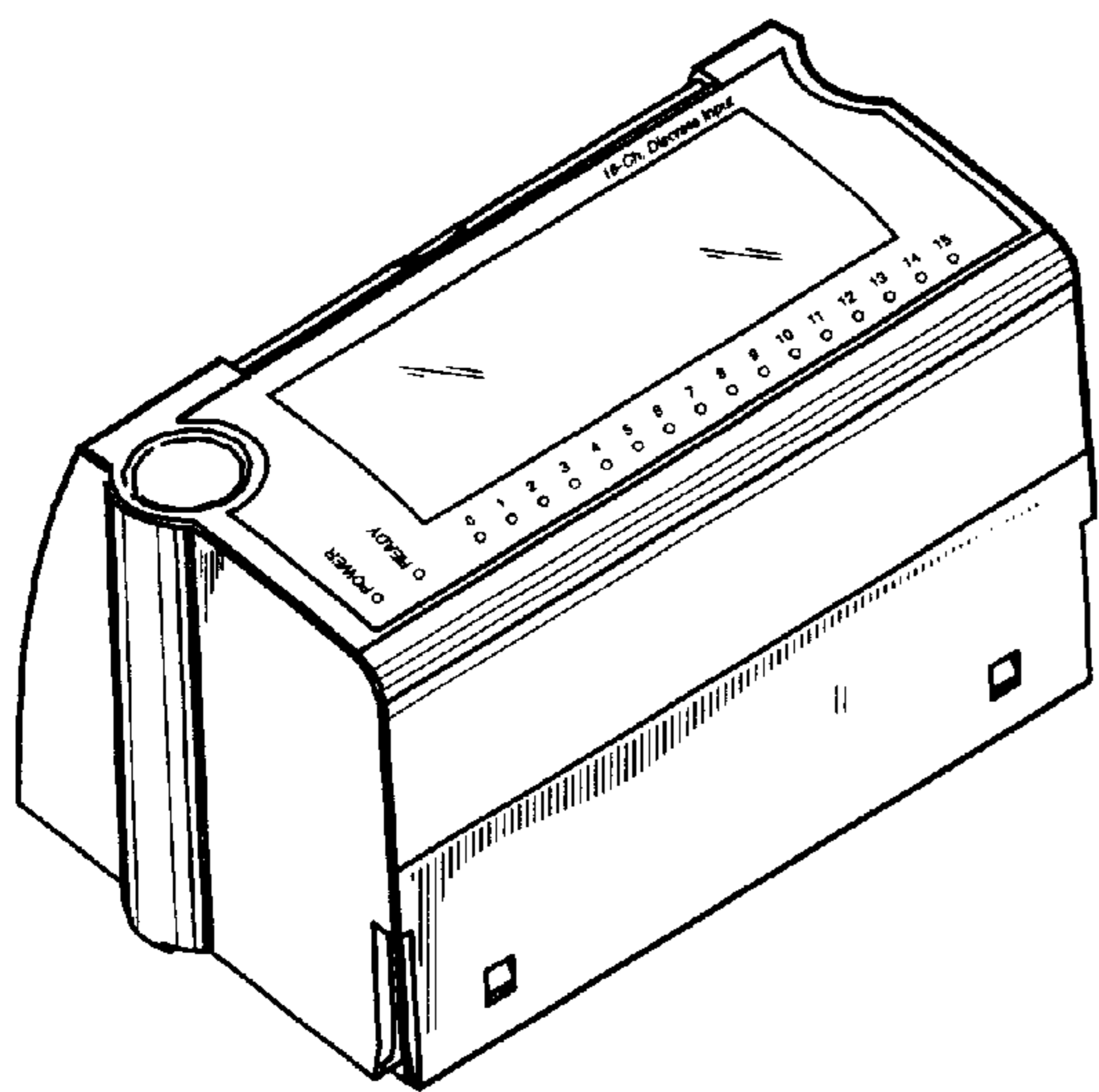
[57] **CLAIM**

The ornamental design for an I/O module for a modular distributed I/O system, as shown and described.

**DESCRIPTION**

FIG. 1 is a front-left-bottom perspective view thereof;  
 FIG. 2 is a top view thereof;  
 FIG. 3 is a front view thereof;  
 FIG. 4 is a bottom view thereof;  
 FIG. 5 is a back view thereof;  
 FIG. 6 is a top-left-front perspective view thereof;  
 FIG. 7 is a right view thereof; and,  
 FIG. 8 is a left view thereof.

**1 Claim, 1 Drawing Sheet**



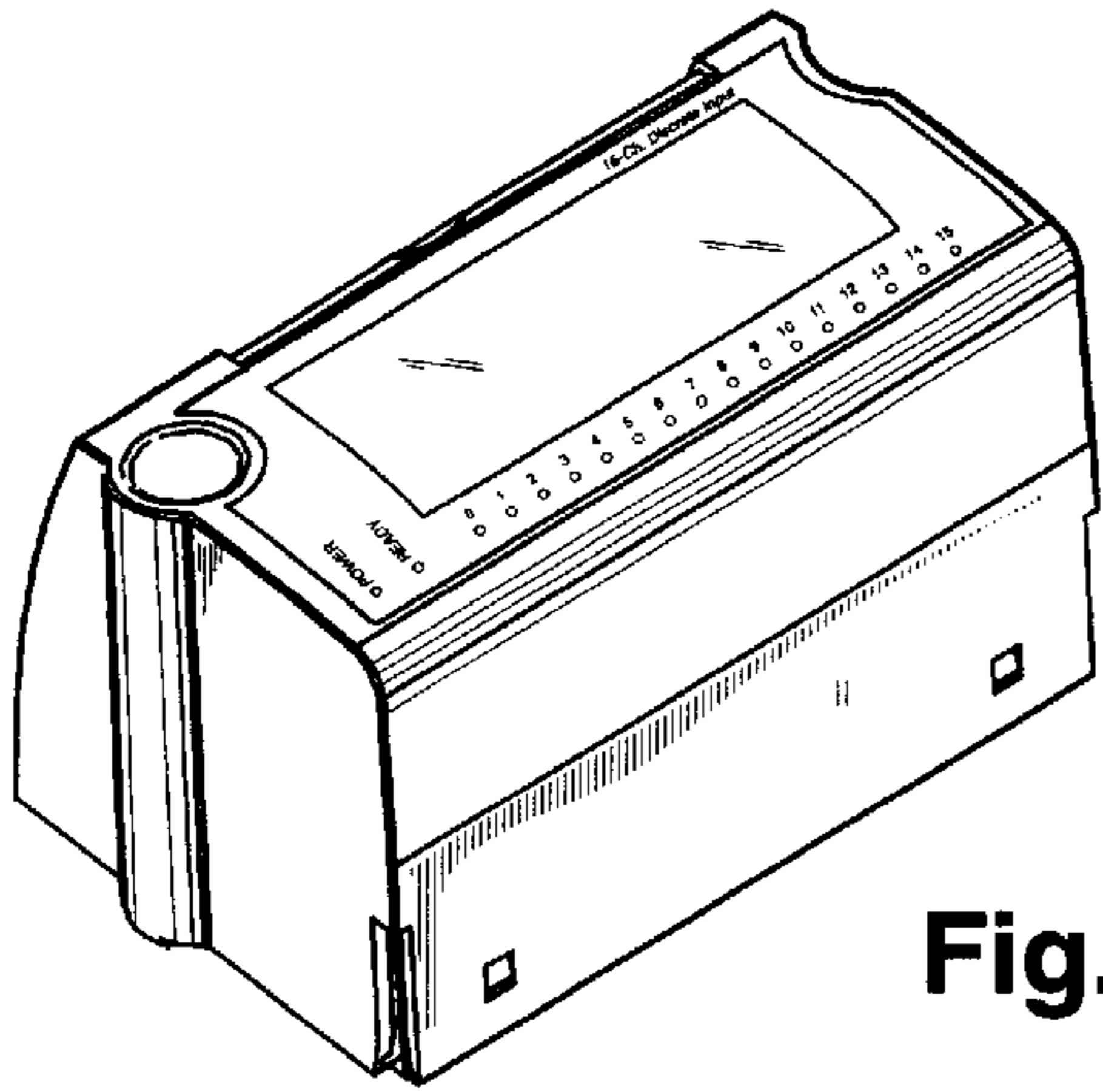


Fig. 1

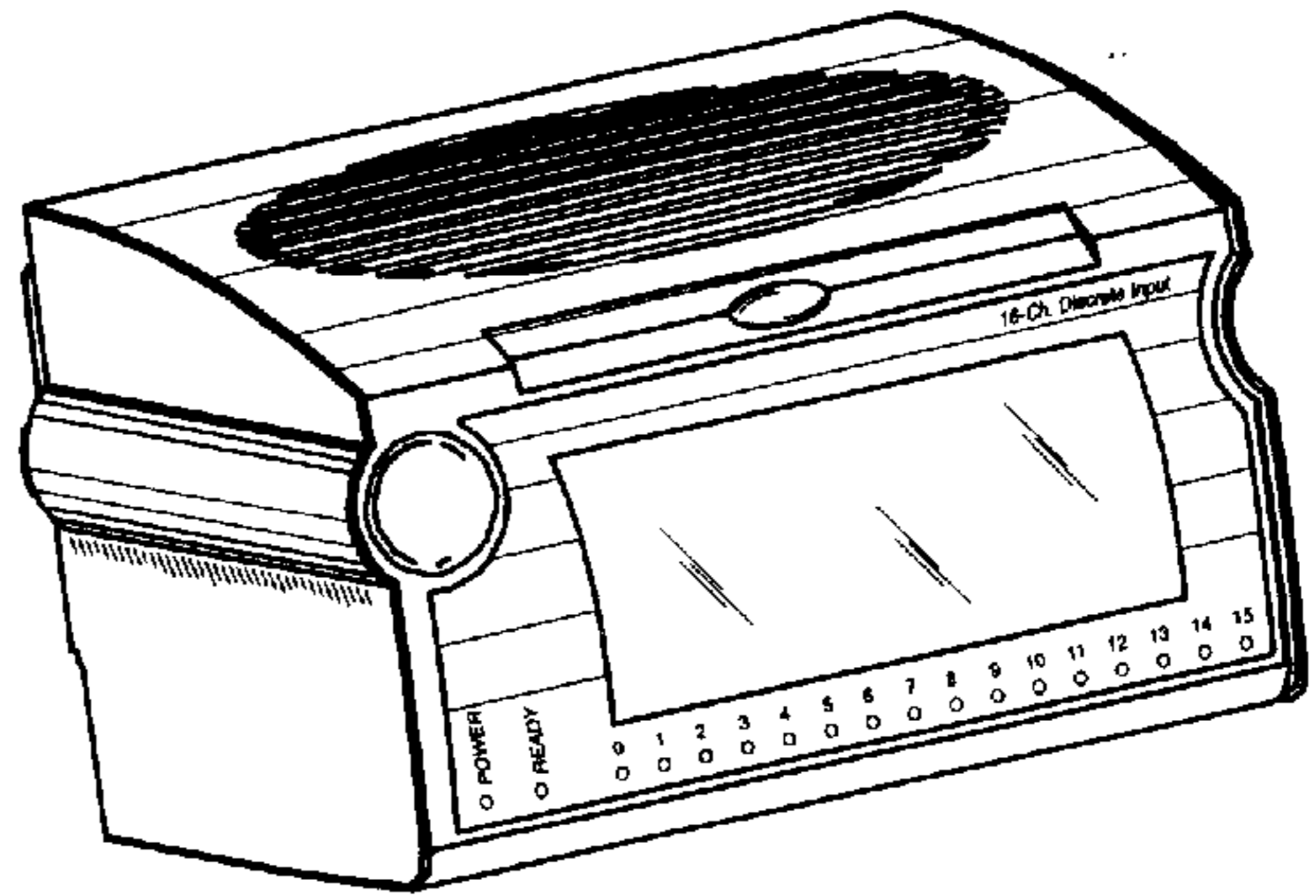


Fig. 6

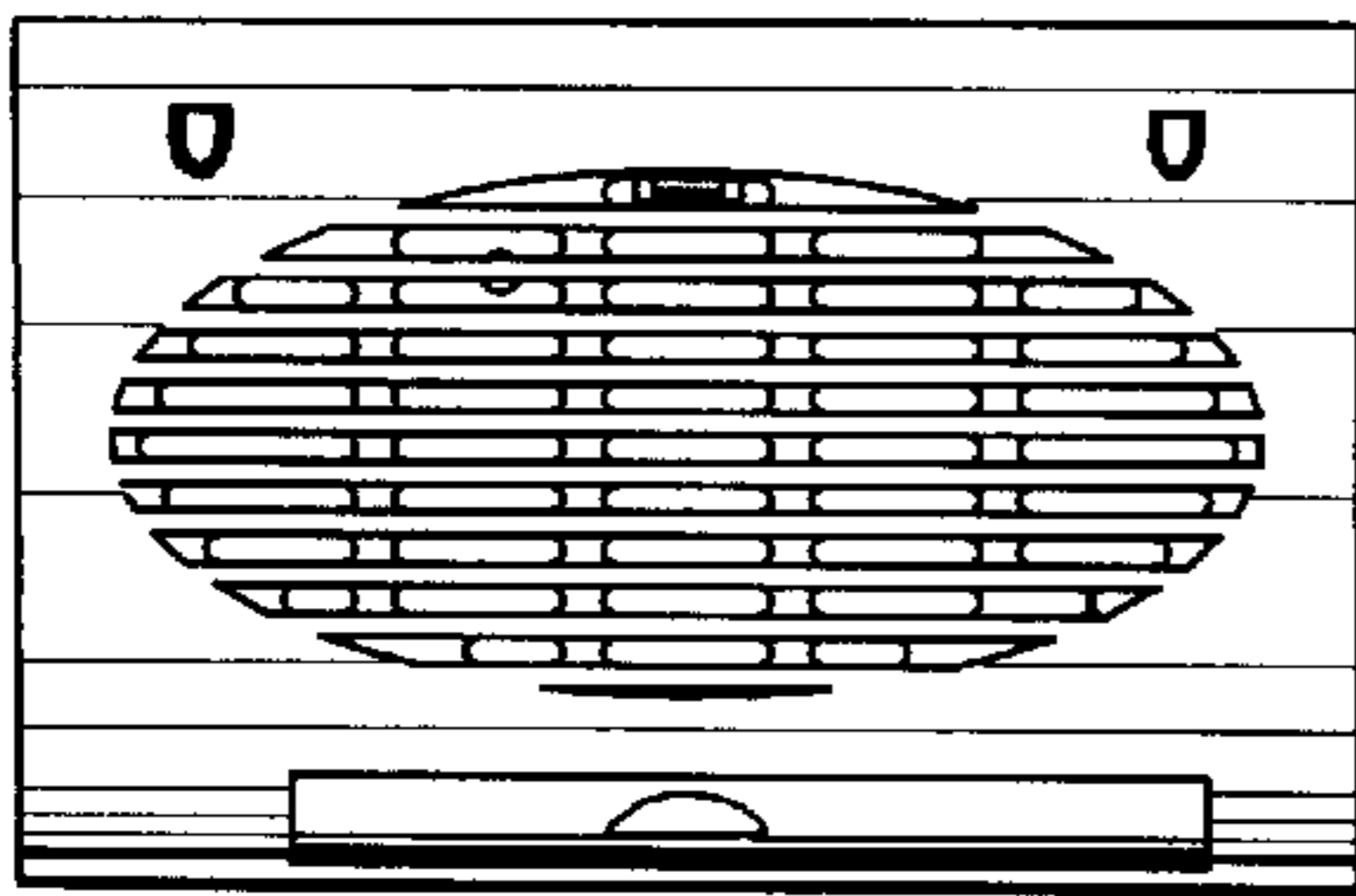


Fig. 2

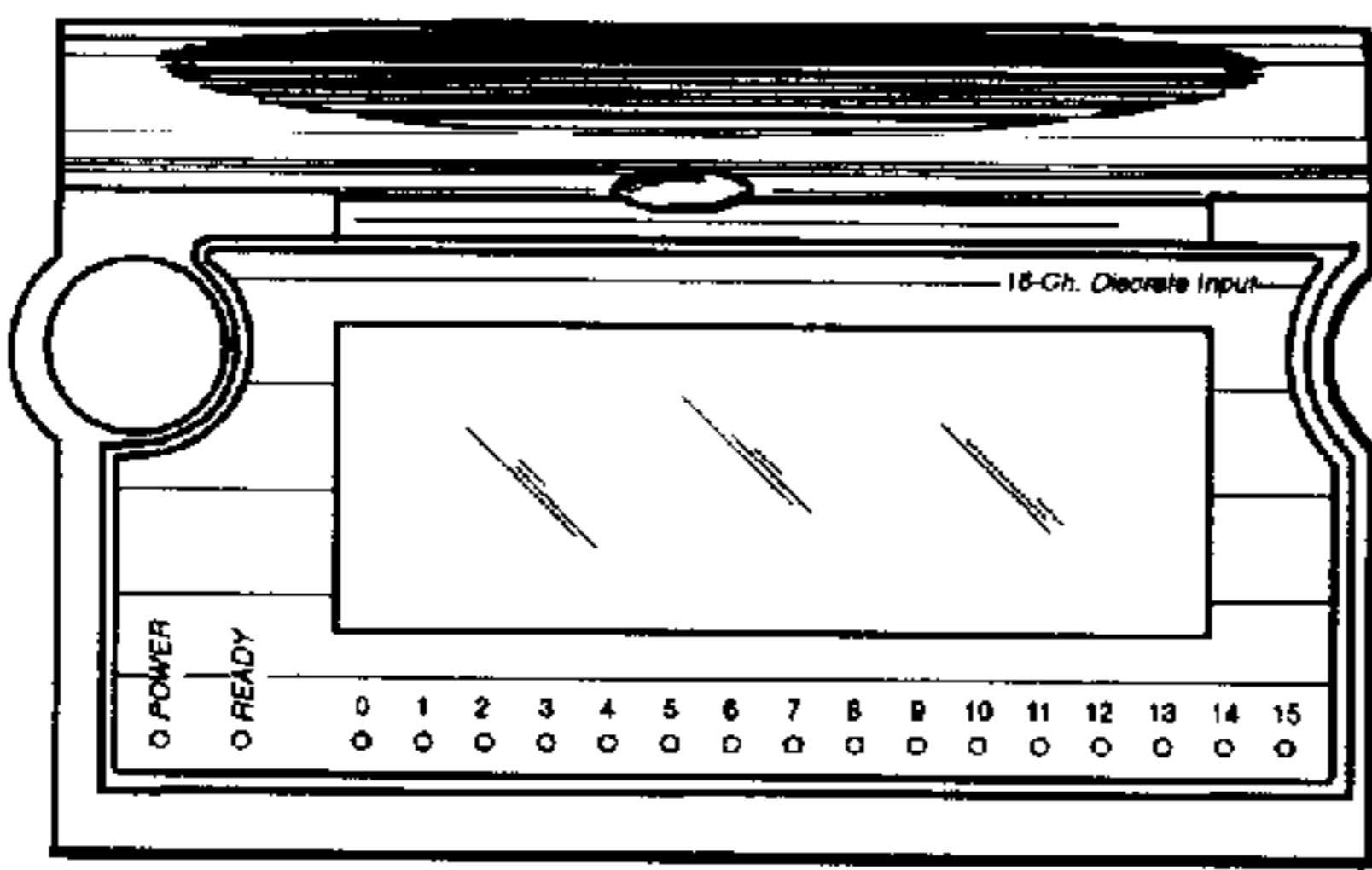


Fig. 3

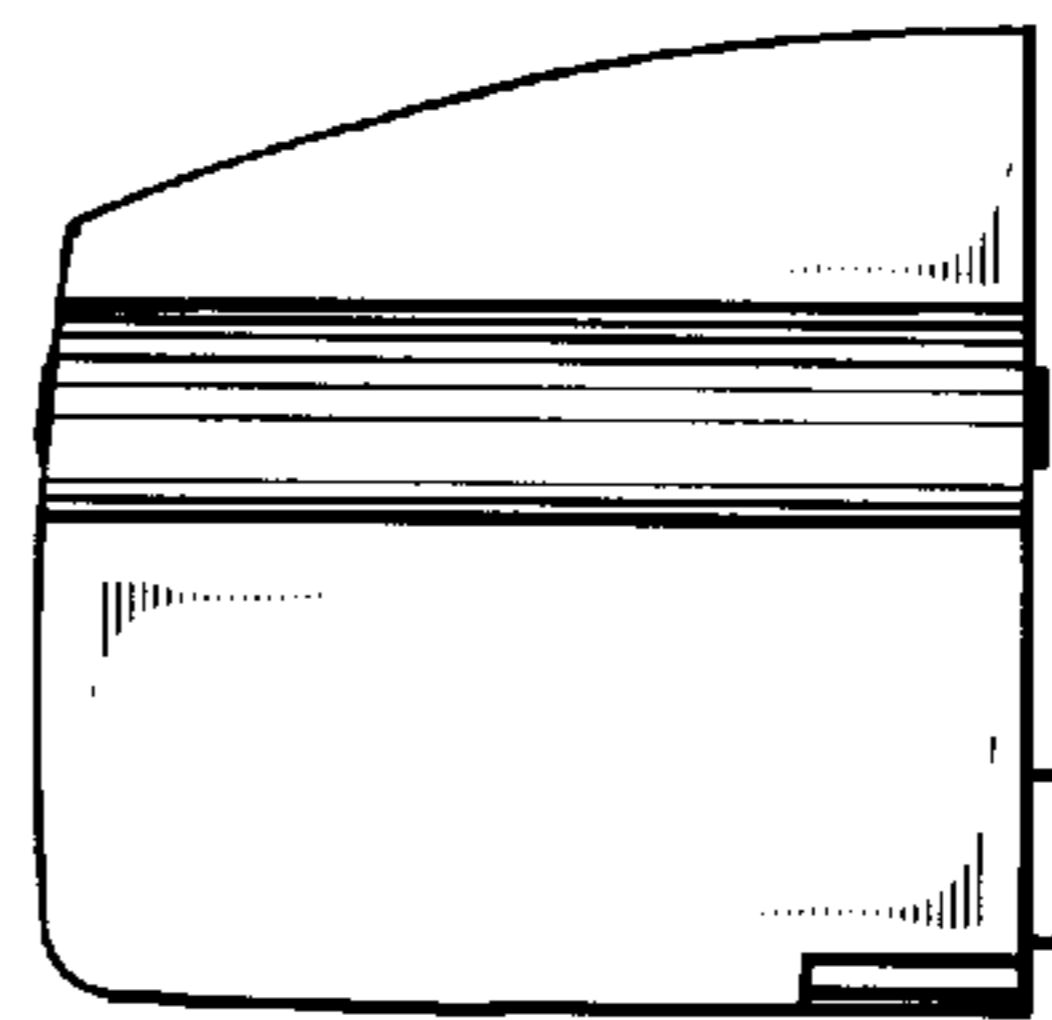


Fig. 7

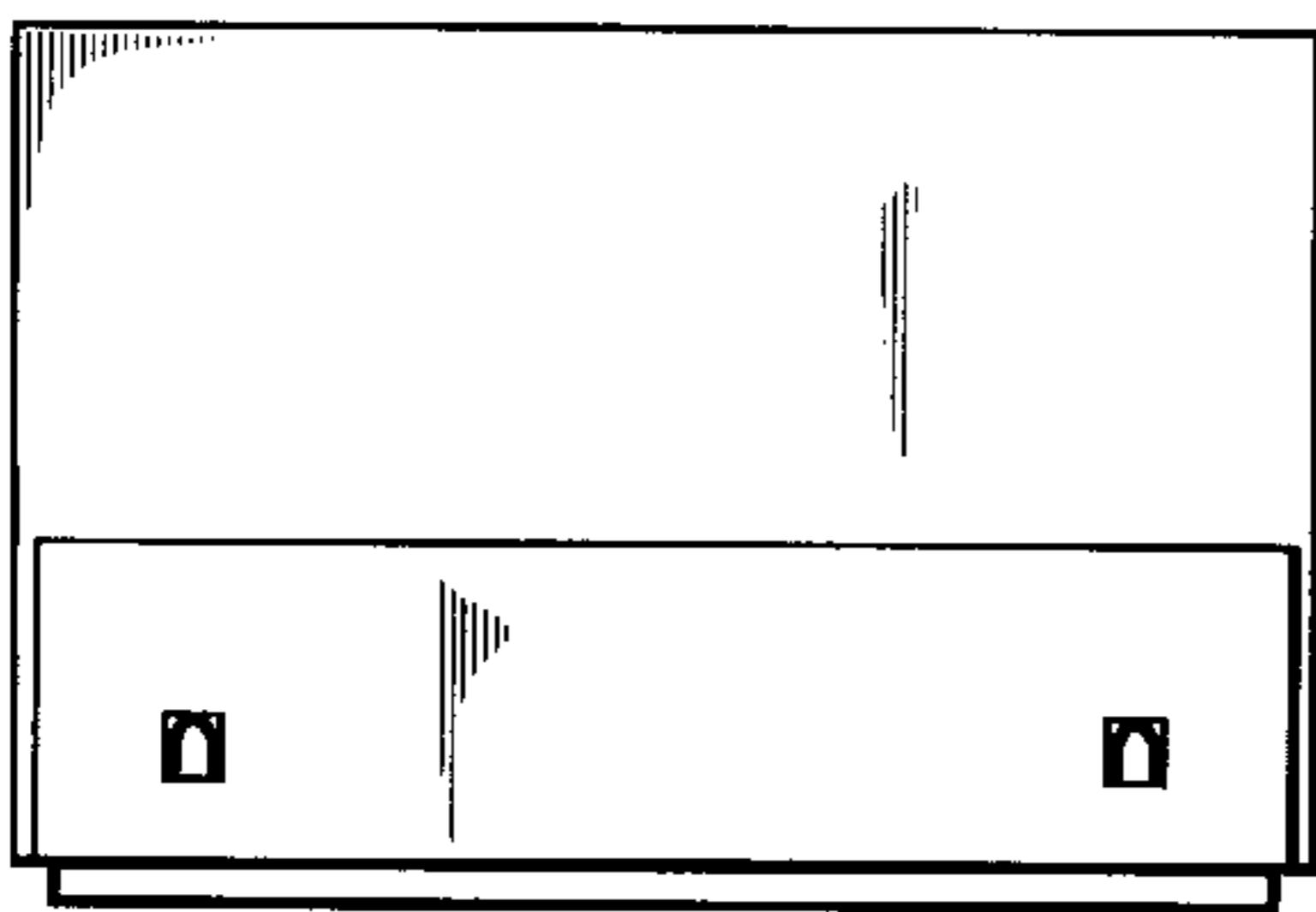


Fig. 4

Fig. 8

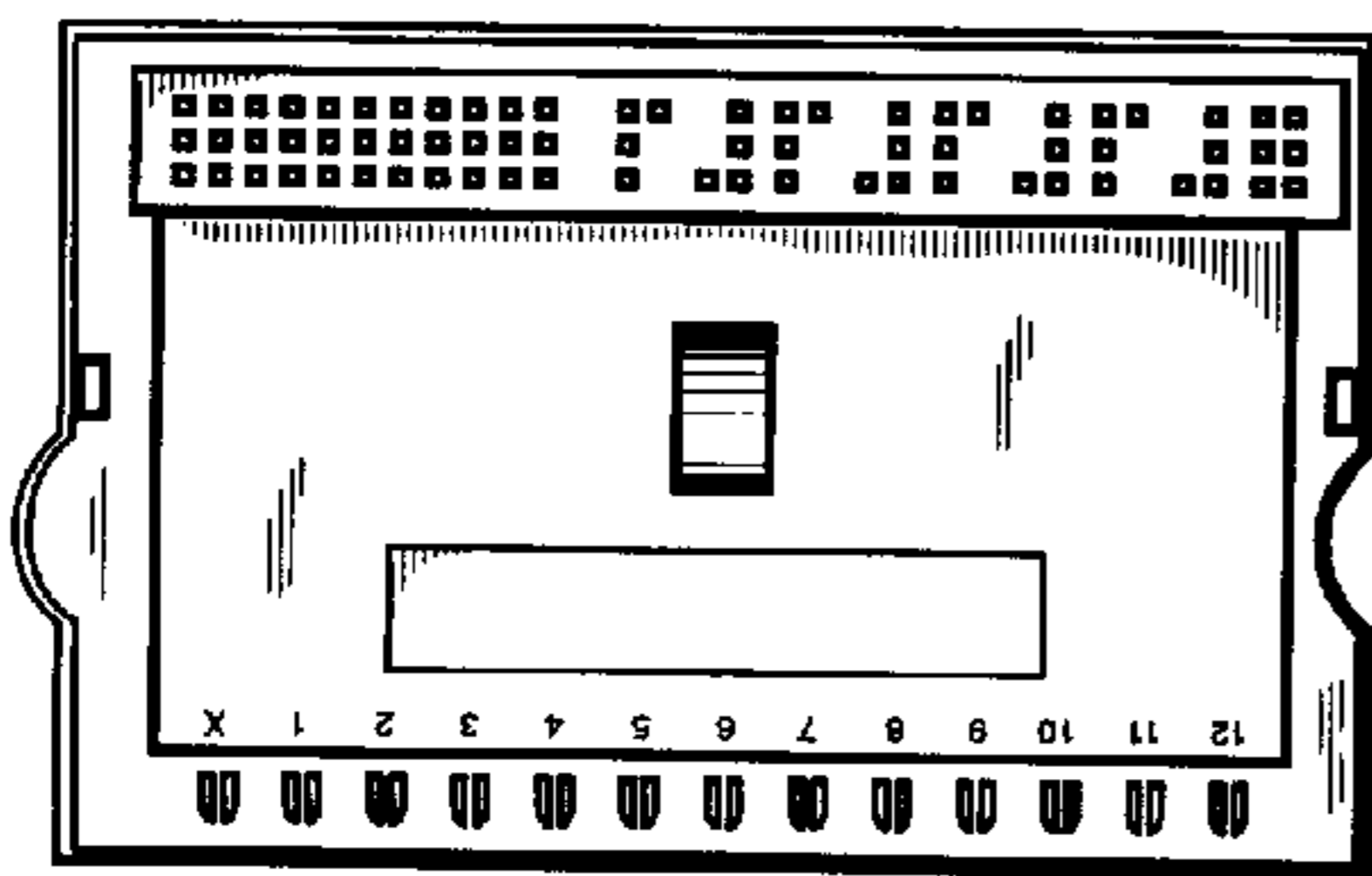


Fig. 5

