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# United States Patent [19]

Hieb et al.

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[54] **DISPOSABLE ELECTROCHEMICAL MEASUREMENT CARTRIDGE FOR A PORTABLE MEDICAL ANALYZER**

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[73] Assignee: **Diametrics Medical, Inc., Roseville, Minn.**

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

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[52] U.S. Cl. .... **D24/223; D24/169;**  
**D24/225**

[58] Field of Search ..... **204/403, 409, 416, 422,**  
**204/433, 435, 418, 406, 407; 128/635, 666;**  
**D24/186, 231, 232, 169, 216; D10/81**

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

- D. 292,229 10/1987 Knudson et al. .... **D24/223**  
D. 292,230 10/1987 Holen ..... **D24/225**  
D. 302,294 7/1989 Hillman ..... **D24/223**  
D. 337,164 7/1993 Lauks et al. ..... **D24/223**  
4,318,994 3/1982 Meyer et al. ..... **D24/224 X**  
4,397,725 8/1983 Enzer et al. ....  
4,786,394 11/1988 Enzer et al. ....  
5,164,067 11/1992 Marsoner et al. ..... **204/435 X**  
5,248,403 9/1993 Tomita et al. ..... **204/409 X**

5,284,568 2/1994 Pace et al. ..... **204/403**

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[57]

## CLAIM

The ornamental design for a disposable electrochemical measurement cartridge for a portable medical analyzer, as shown and described.

## DESCRIPTION

FIG. 1 is a perspective view of a disposable electrochemical measurement cartridge for a portable medical analyzer showing our new design;

FIG. 2 is a top plan view of the disposable electrochemical cartridge for a portable medical analyzer;

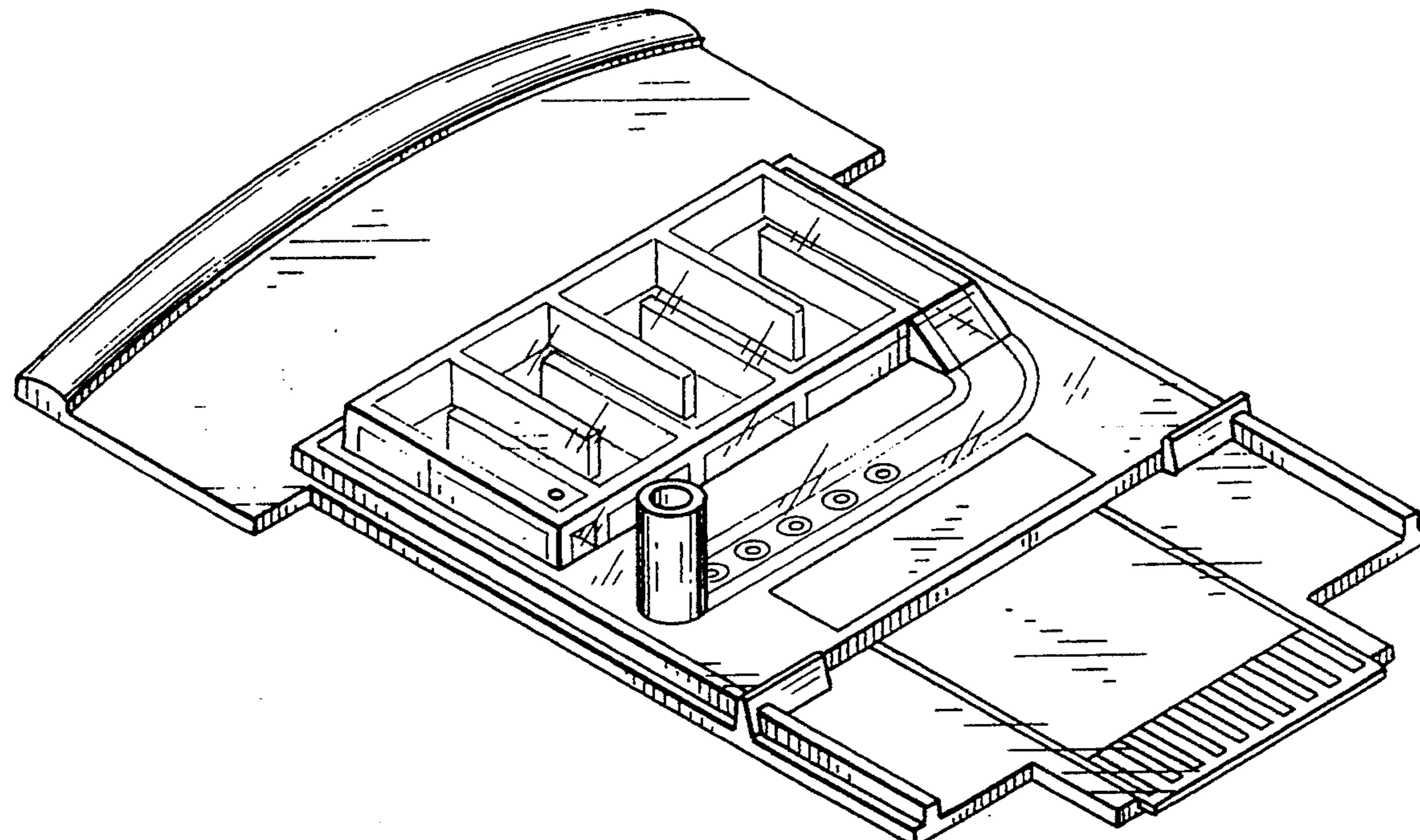
FIG. 3 is a bottom plan view of the disposable electrochemical measurement cartridge for a portable medical analyzer;

FIG. 4 is a front elevational view of the disposable electrochemical cartridge for a portable medical analyzer of FIG. 2;

FIG. 5 is a rear elevational view of the disposable electrochemical measurement cartridge for a portable medical analyzer of FIG. 2;

FIG. 6 is a right-side elevational view of the disposable electrochemical measurement cartridge for a portable medical analyzer of FIG. 2; and,

FIG. 7 is a left-side elevational view of the disposable electrochemical measurement cartridge for a portable medical analyzer of FIG. 2.



*Fig.-1*

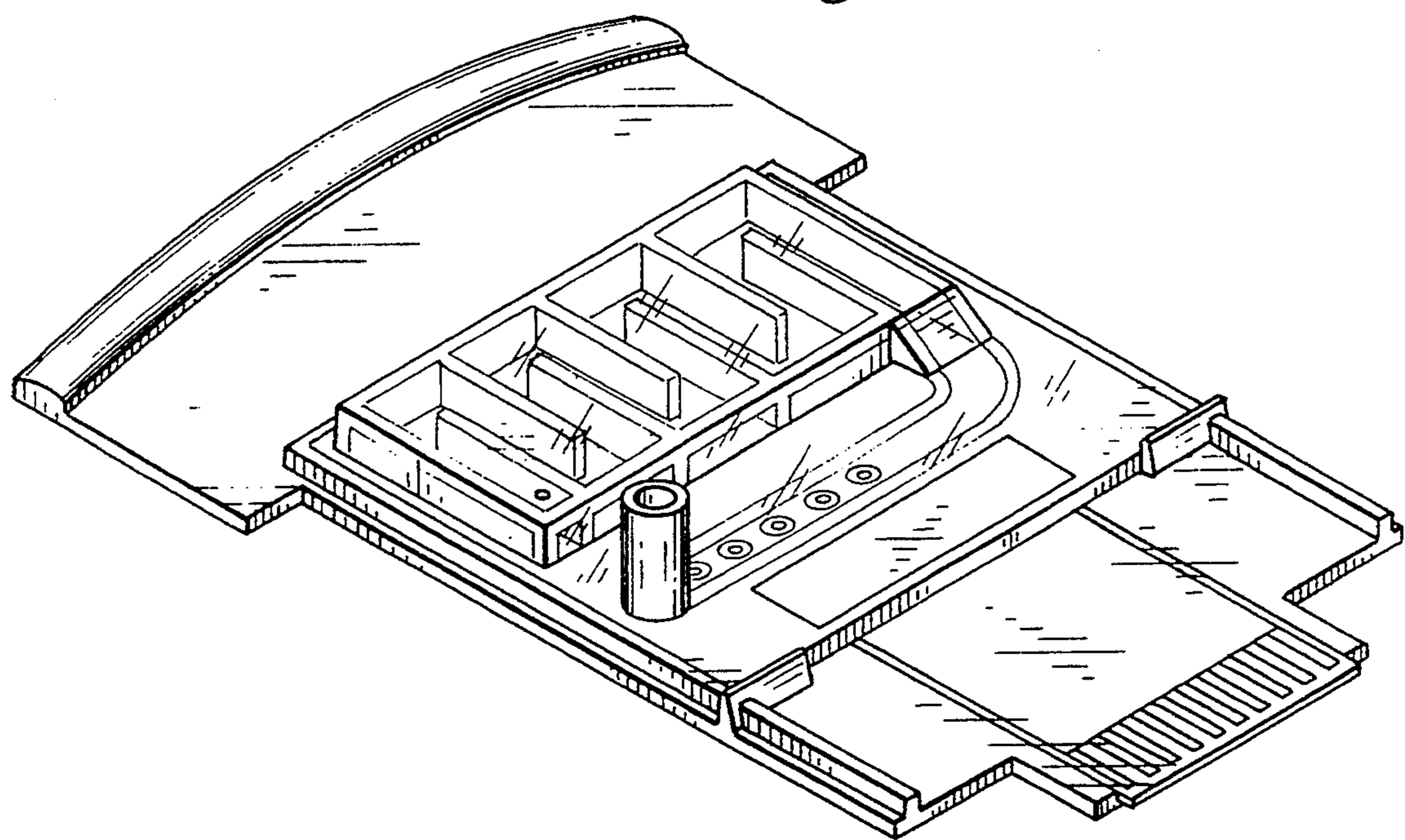
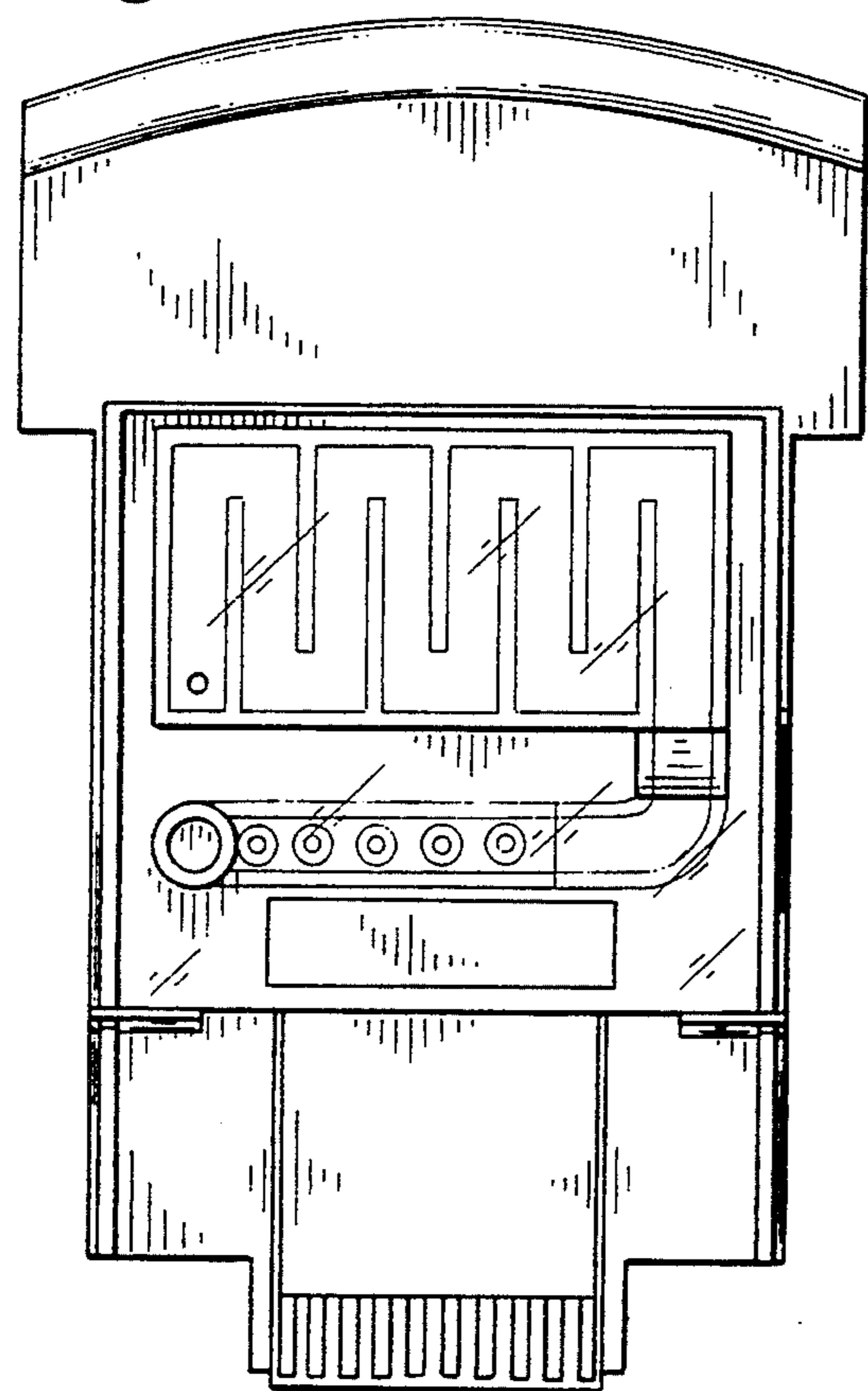
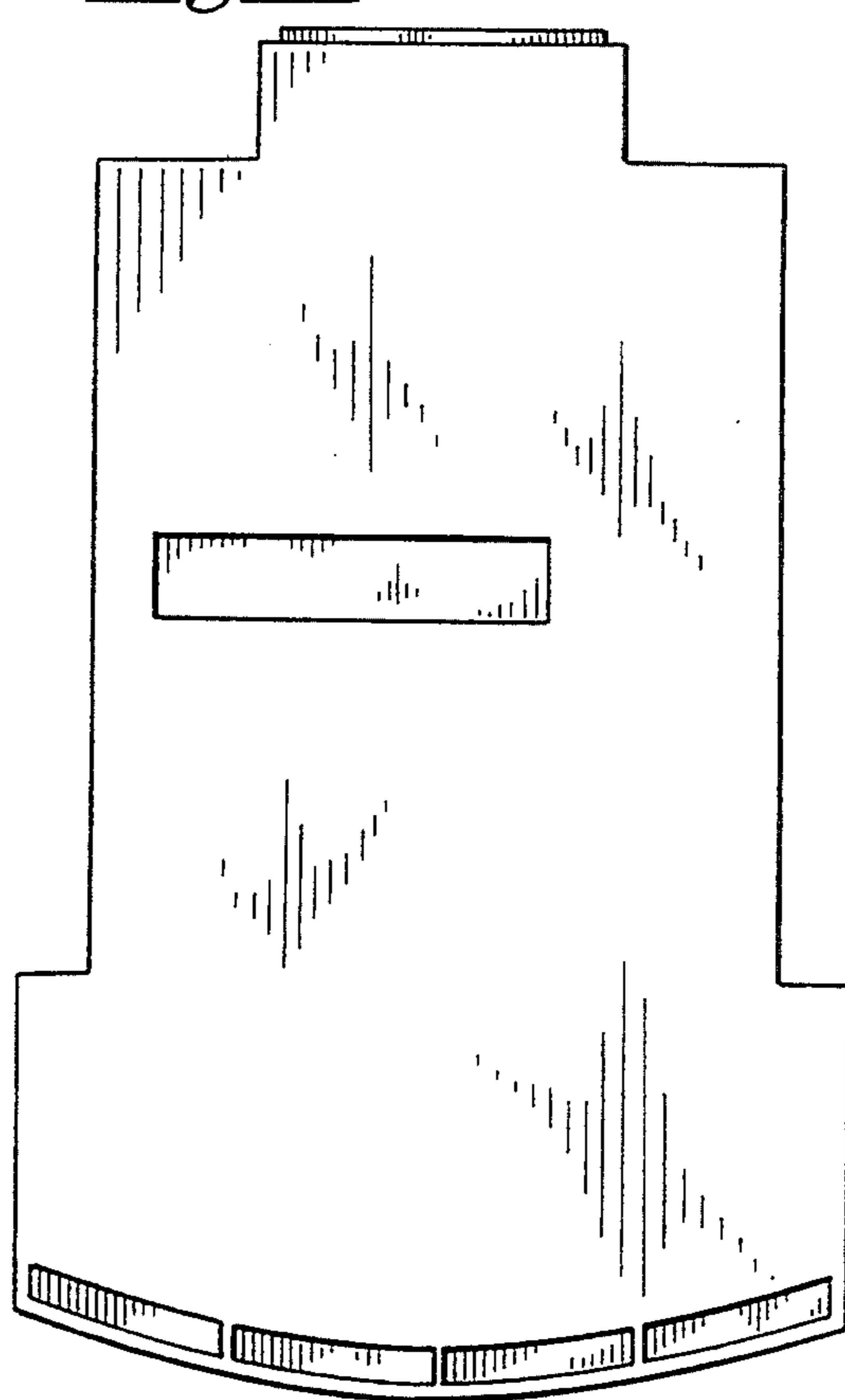
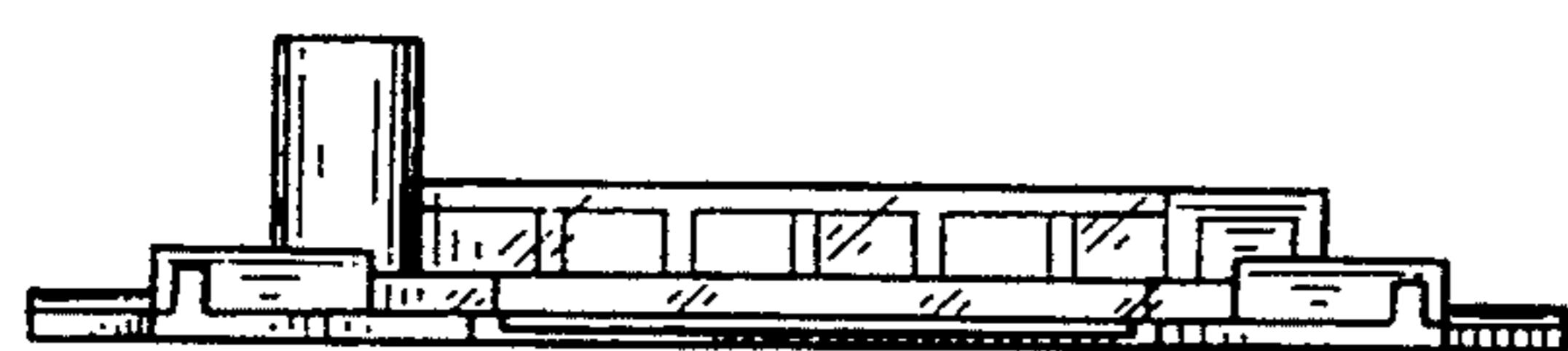
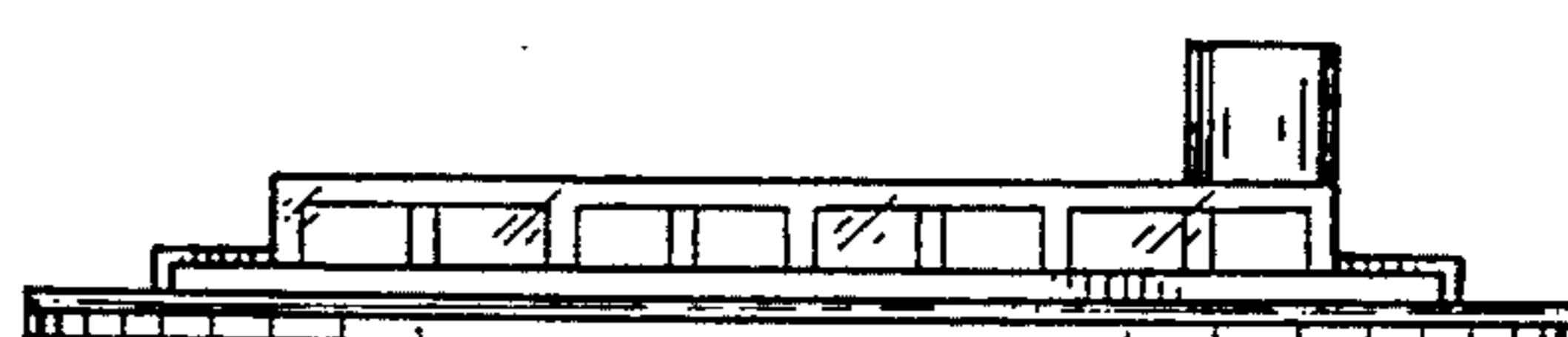
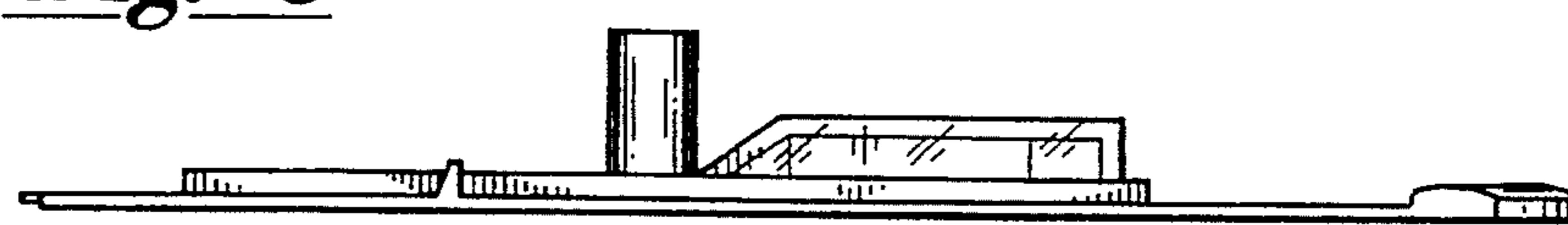


Fig.-2Fig.-3Fig.-4Fig.-5Fig.-6Fig.-7