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United States Patent [19]

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Hieb et al.

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

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.

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

DESCRIPTION

[21] Appl. No.: **5,164**

[22] Filed: **Feb. 25, 1993**

[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

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.

[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

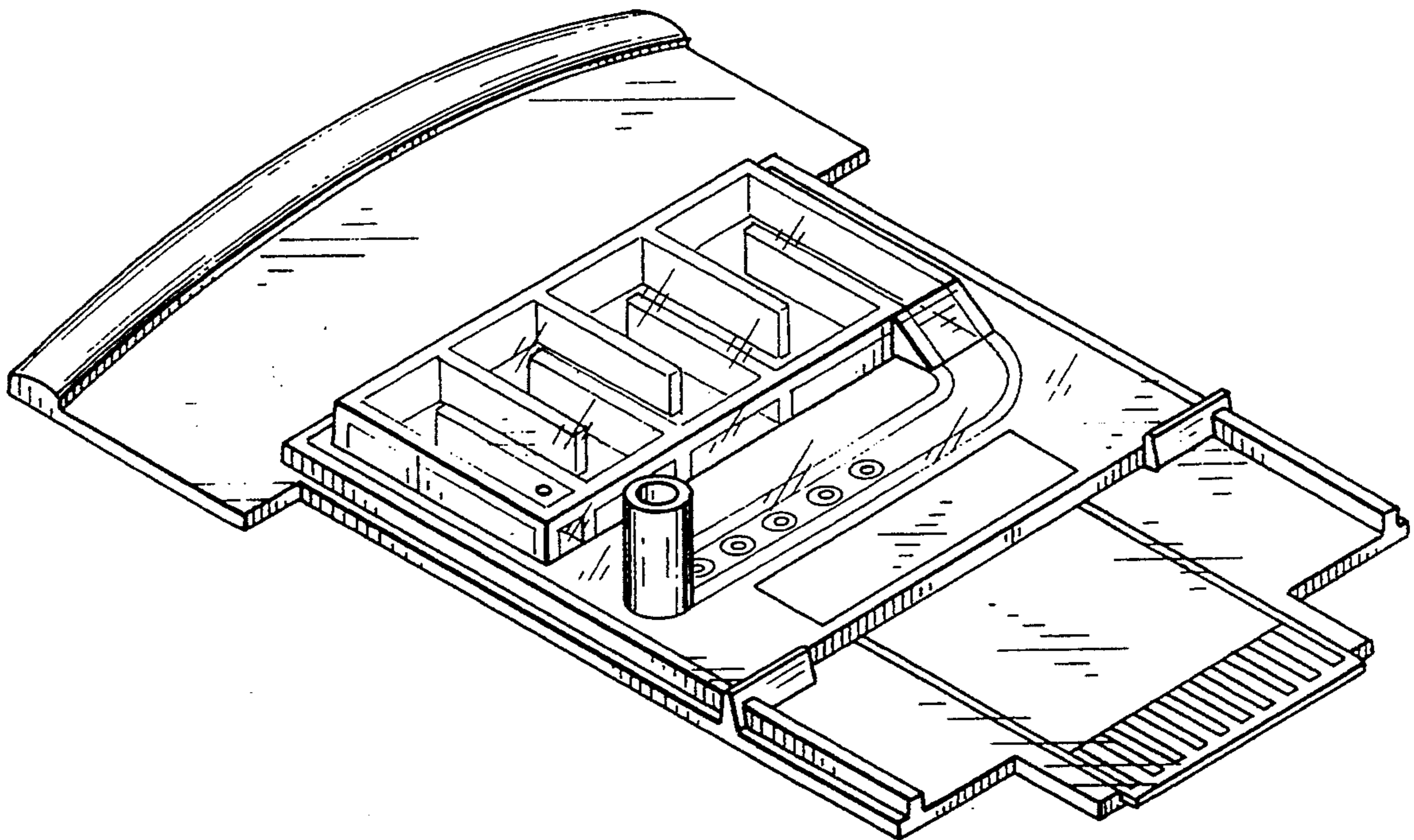


Fig.-1

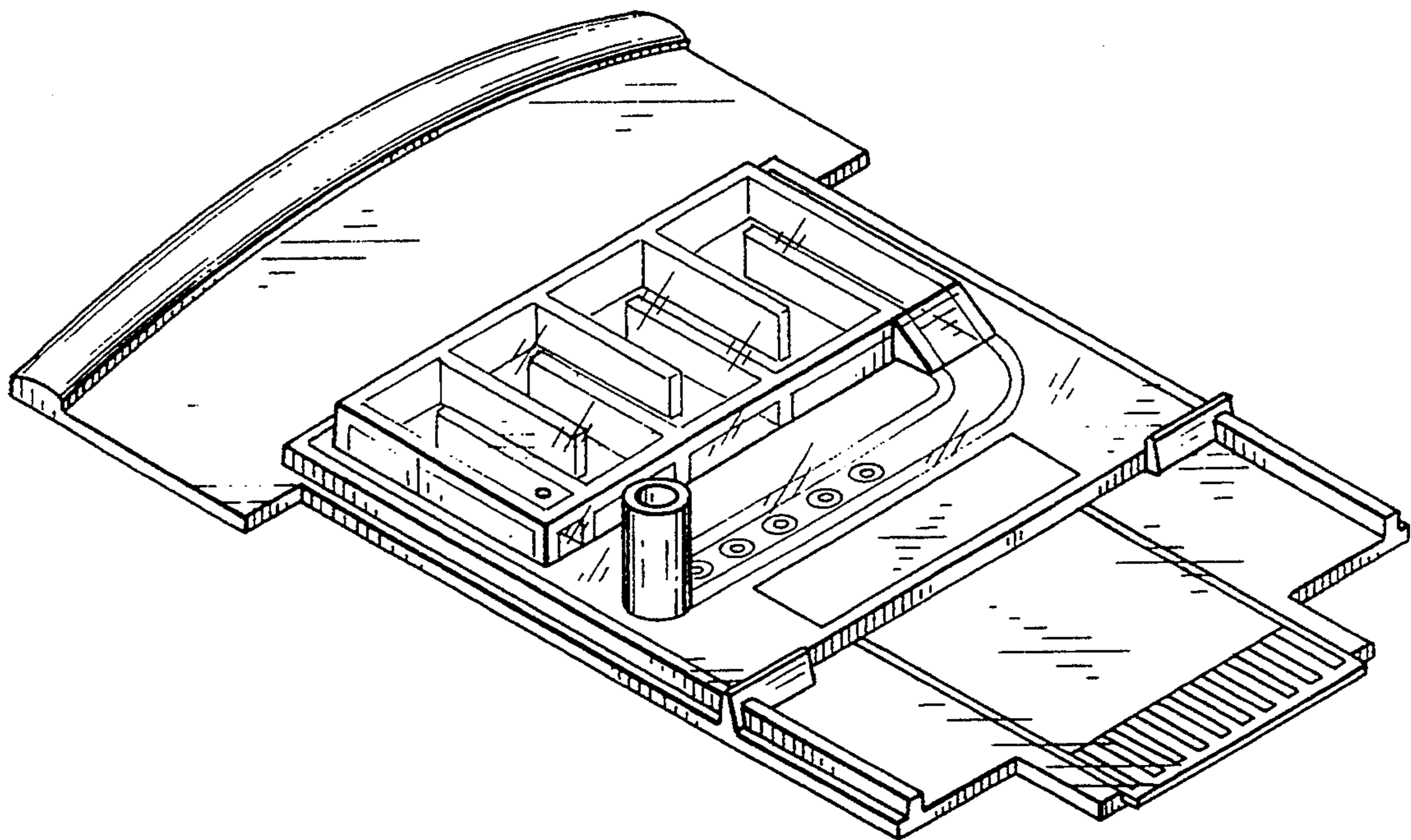


Fig.-2

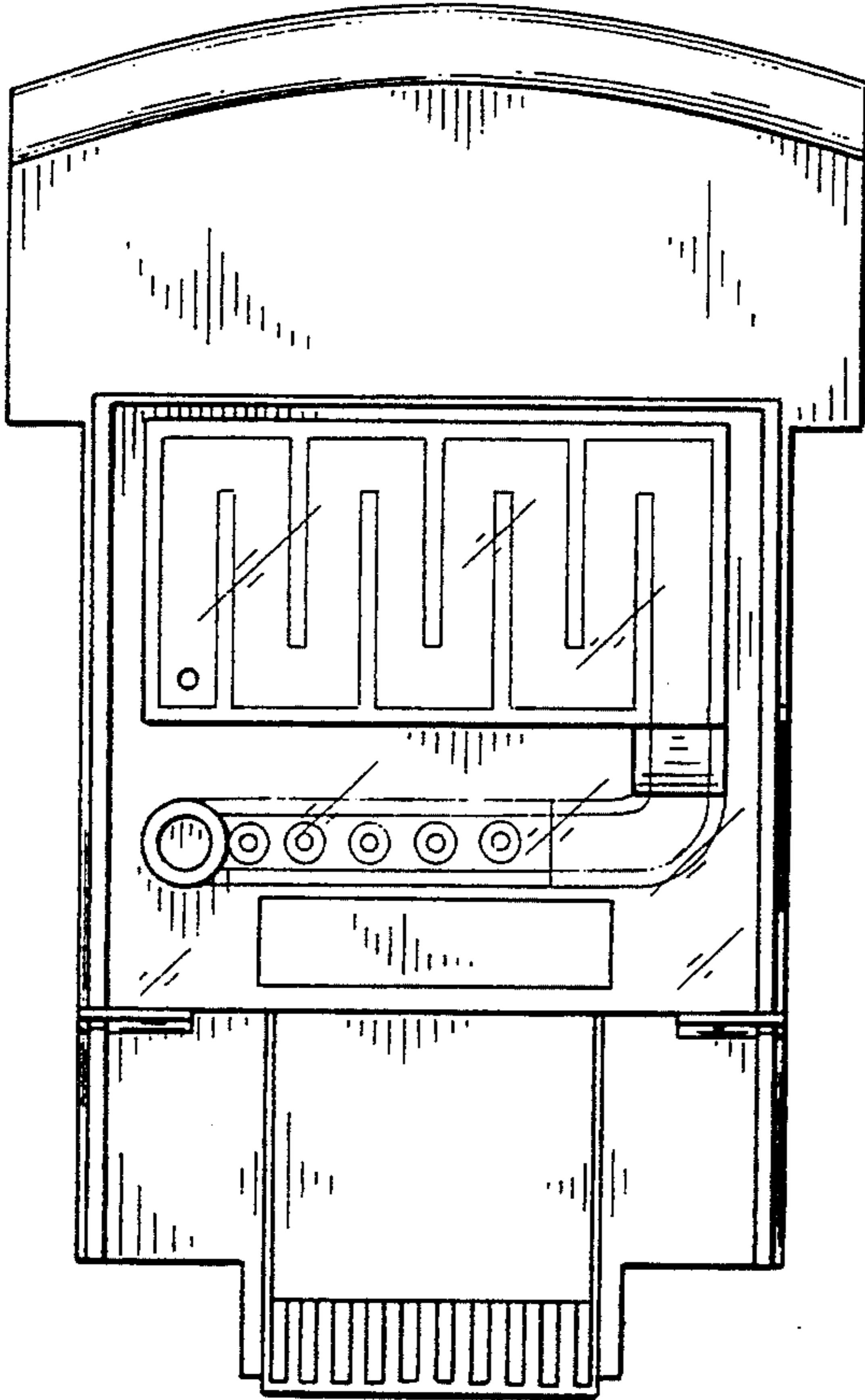


Fig.-3

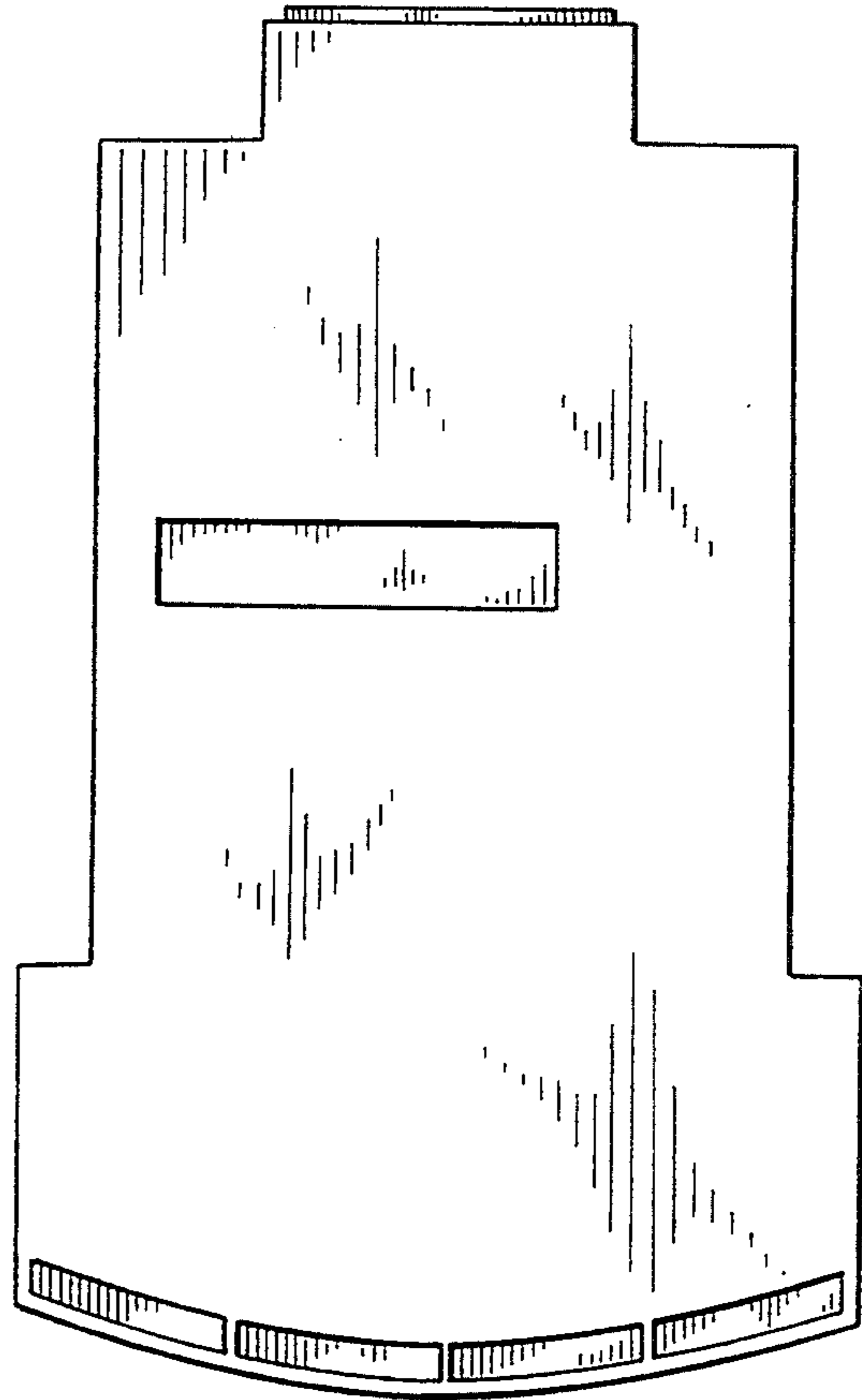


Fig.-4

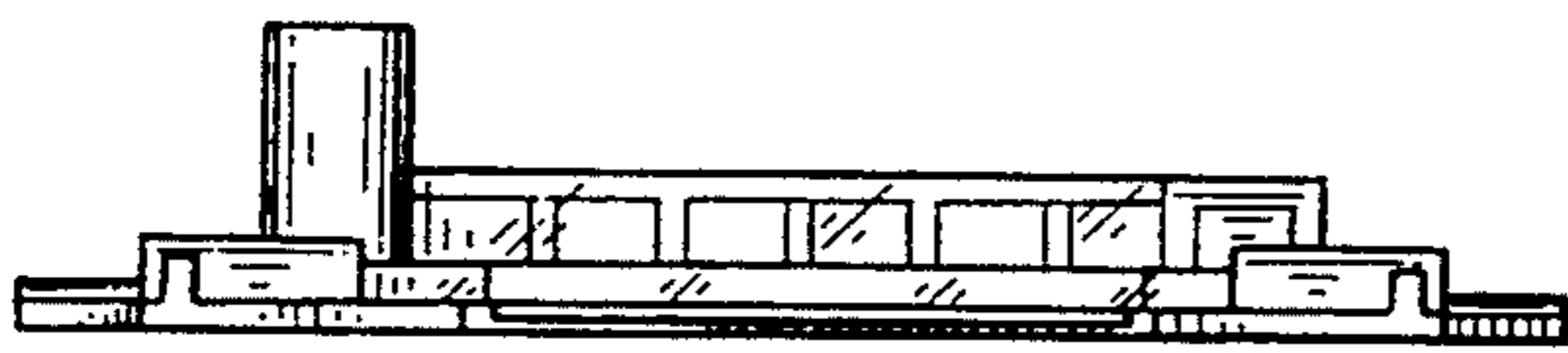


Fig.-5

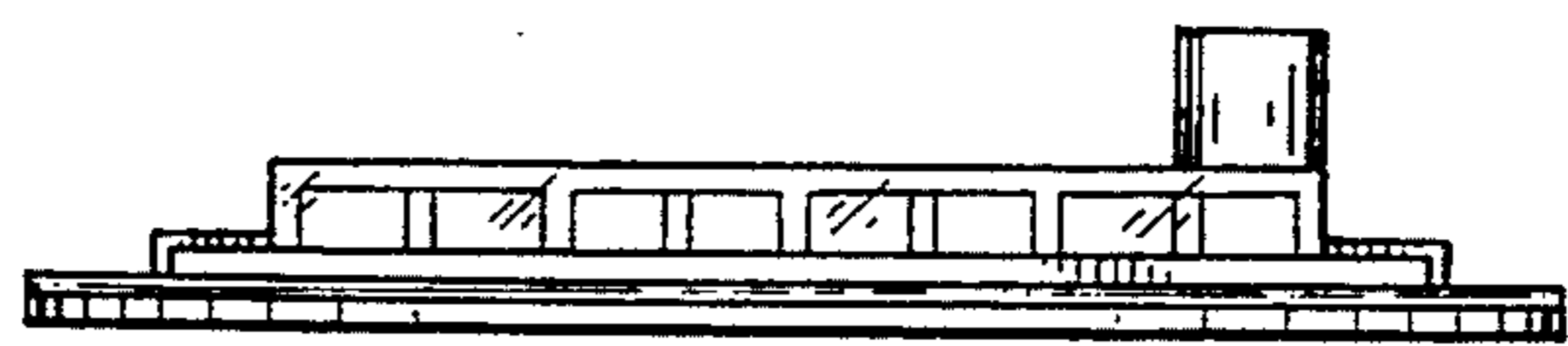


Fig.-6

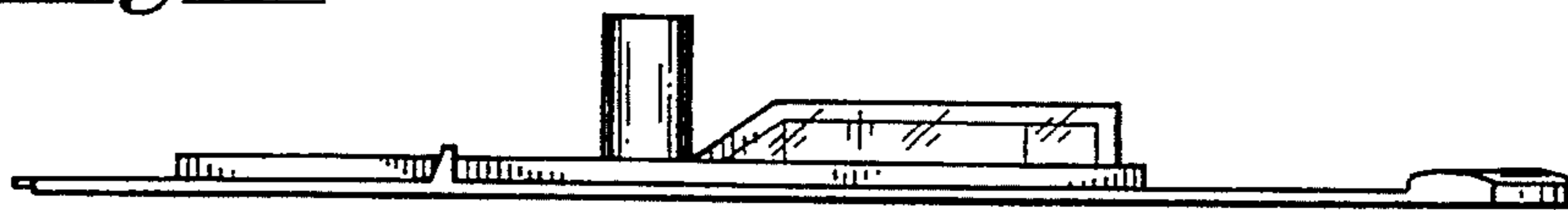


Fig.-7

