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United States Patent [19]

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Selby et al.

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[54] SENSITIVE ROTATING VISCOMETER INSTRUMENT WITH A STAGGERED MULTIPLE HEAD ARRAY

VWR Scientific; Petroleum Testing; 1992; p. 1052.

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[73] Assignee: Tannas Co., Midland, Mich.

[57] CLAIM

[**] Term: 14 Years

The ornamental design for a sensitive rotating viscometer instrument with a staggered multiple head array, as shown and described.

[21] Appl. No.: 30,789

DESCRIPTION

[22] Filed: Nov. 8, 1994

[52] U.S. Cl. D10/96; D10/81

FIG. 1 is a right perspective view of a sensitive rotating viscometer instrument with a staggered multiple head array showing our new design;

[58] Field of Search D10/75, 96, 46, D10/81; 73/54.07, 54.06, 54.09, 54.19, 54.28, 54.29, 54.31, 54.32, 54.33, 54.34, 54.35, 54.39, 304 R, 304 C; 364/506

FIG. 2 is a front view of a second embodiment showing our new design. With the exception of a pop-up viscometer assembly stand, all other views being identical to those shown in FIGS. 1 and 3-7;

[56] References Cited

U.S. PATENT DOCUMENTS

D. 147,437	9/1947	Folk	.....	D10/75	X
D. 187,985	5/1960	Franklin	.....	D10/75	X
D. 205,402	8/1966	Bradley et al.	.....	D10/75	
4,622,846	11/1986	Moon, Jr. et al.	.....	73/54.28	X
4,736,593	4/1988	Williams	.....	73/54.32	X
4,878,378	11/1989	Harada	.....	73/54.32	X

FIG. 3 is a top plan view of FIG. 1, with the connection cords removed for ease of illustration;

FIG. 4 is a rear view of FIG. 1;

FIG. 5 is a bottom plan view of FIG. 1;

FIG. 6 is a right side view of FIG. 1, with the connection cords removed for ease of illustration; and,

FIG. 7 is a left side view of FIG. 1, with the connection cords removed for ease of illustration.

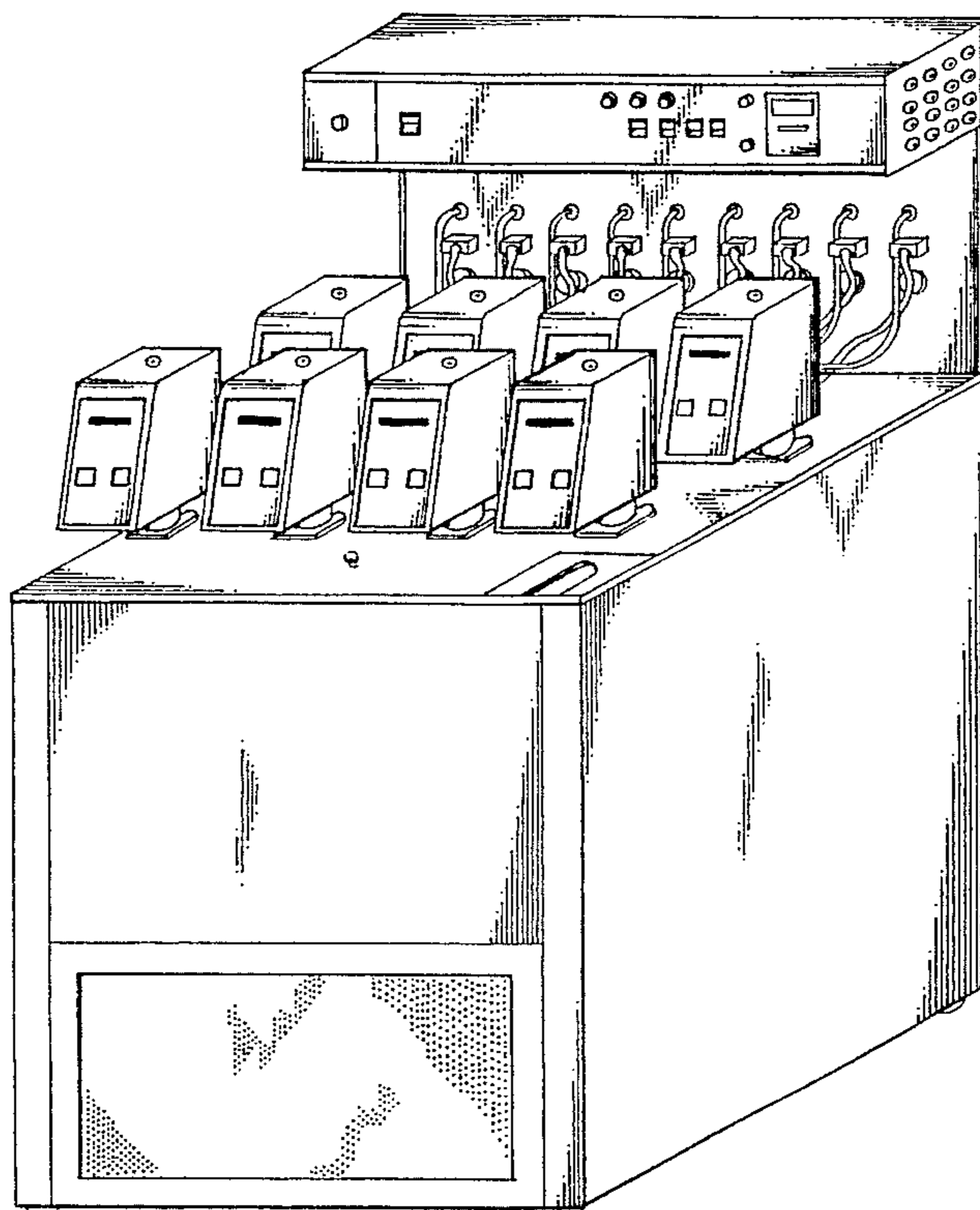
OTHER PUBLICATIONS

Tannas Co. Catalogue, p. 4 ("Plus Eight"), 1992; Scanning Brookfield Plus Eight.

Fisher Scientific; Viscosity Baths; 1991/1992; pp. 1628-1630.

As shown, interior areas of the rear and bottom views are flat and unadorned which do not comprise any portion of the invention.

1 Claim, 3 Drawing Sheets



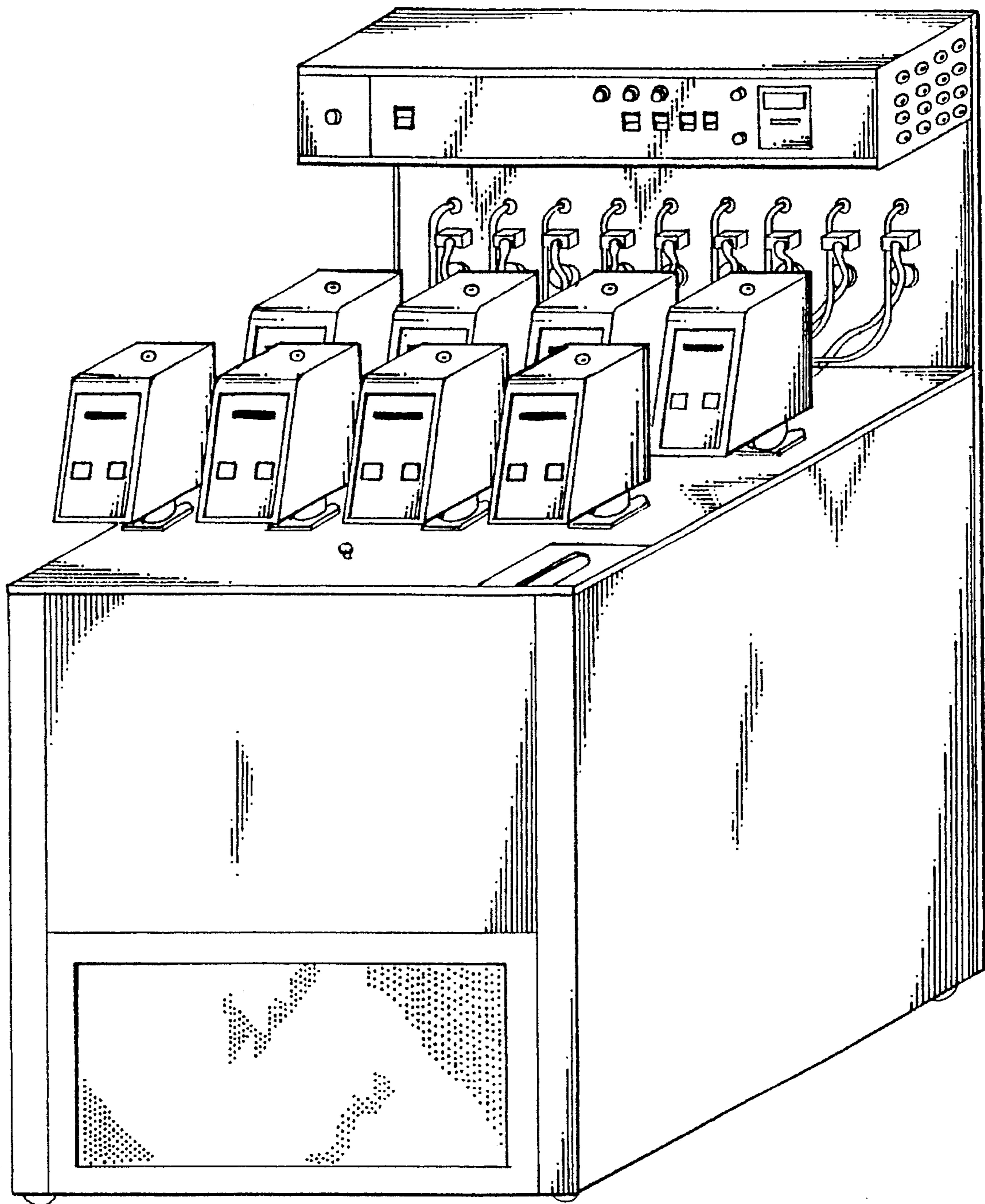


FIG. 1

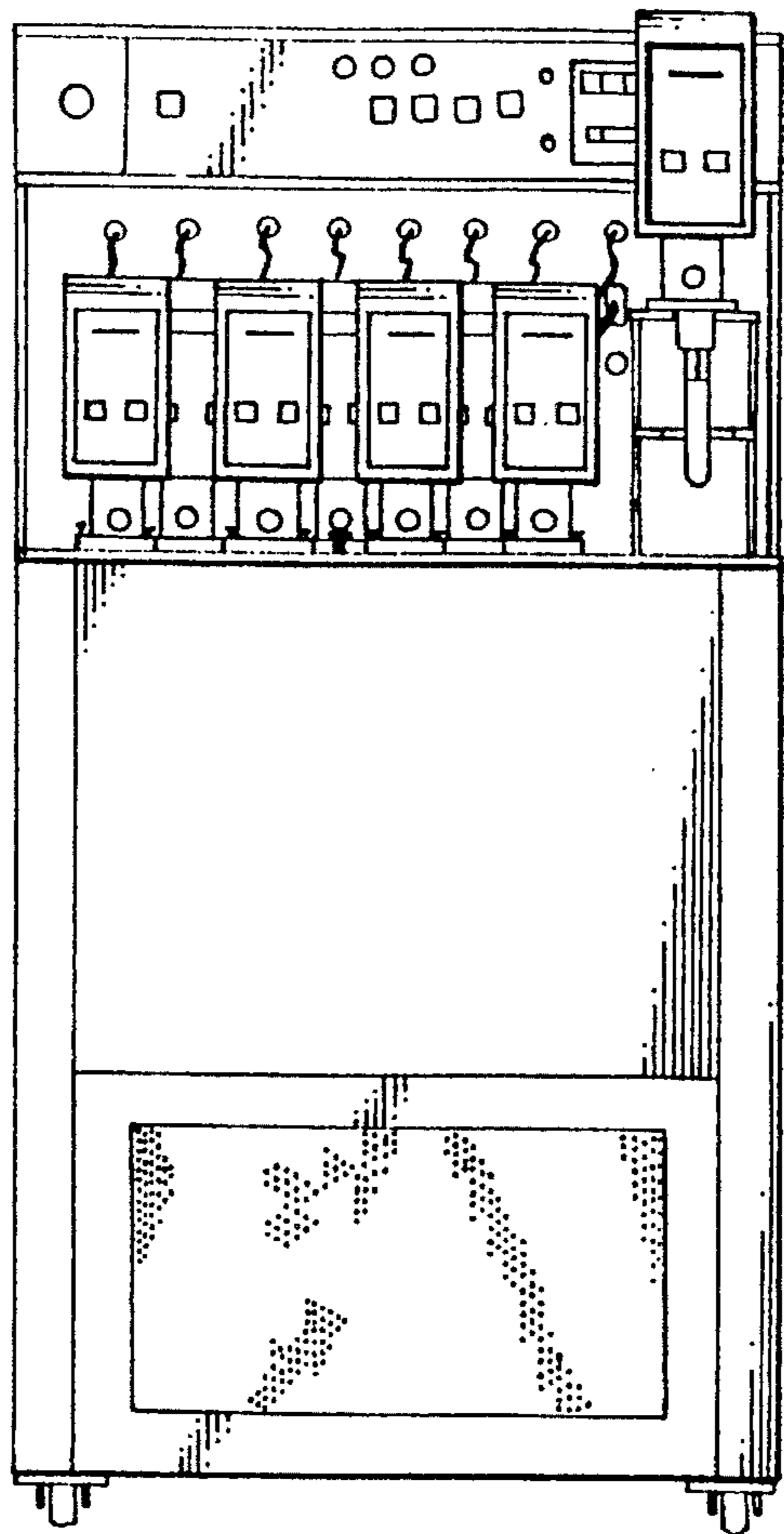


Fig. 2

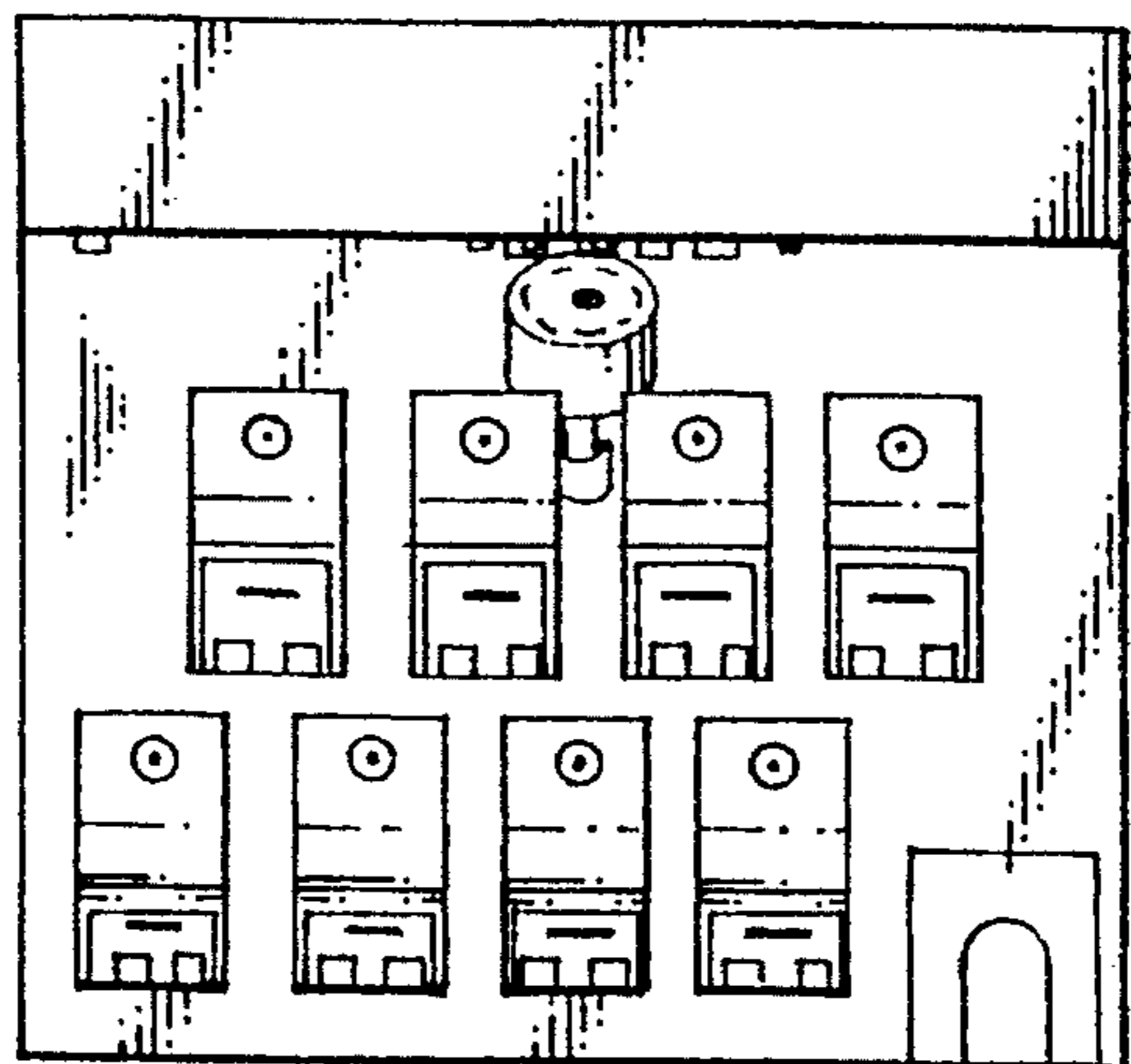


Fig. 3

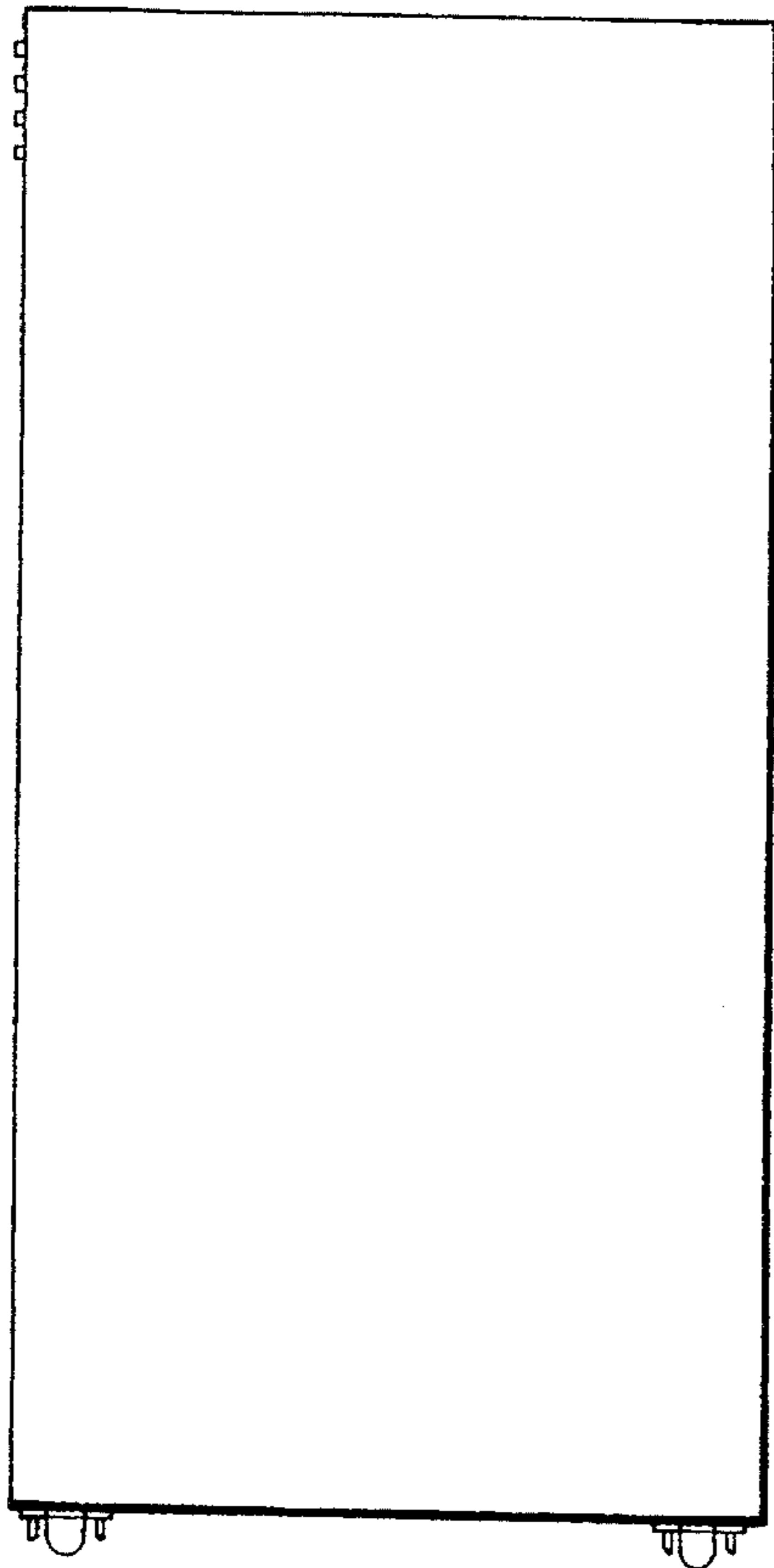


Fig. 4

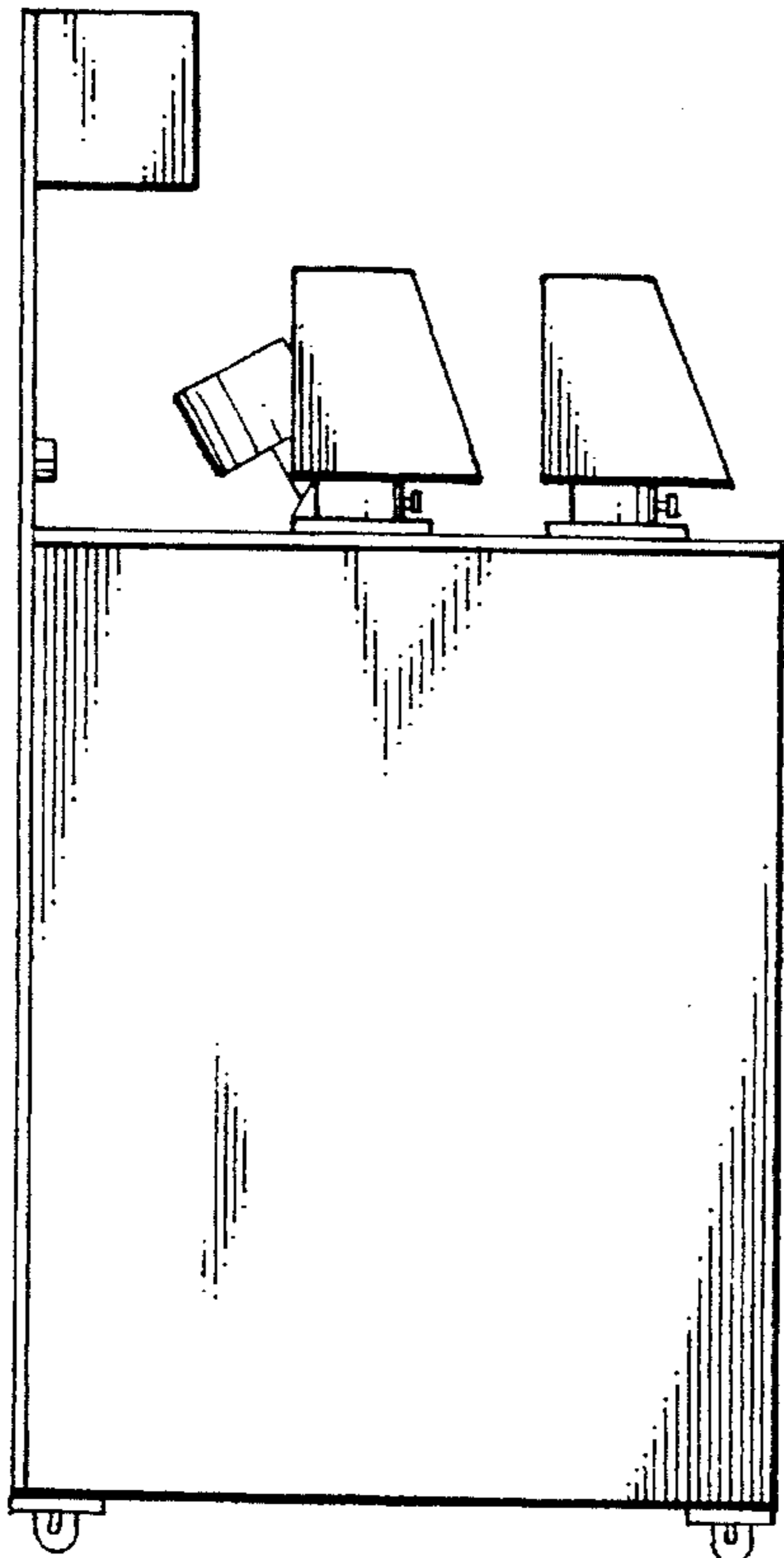


Fig. 7

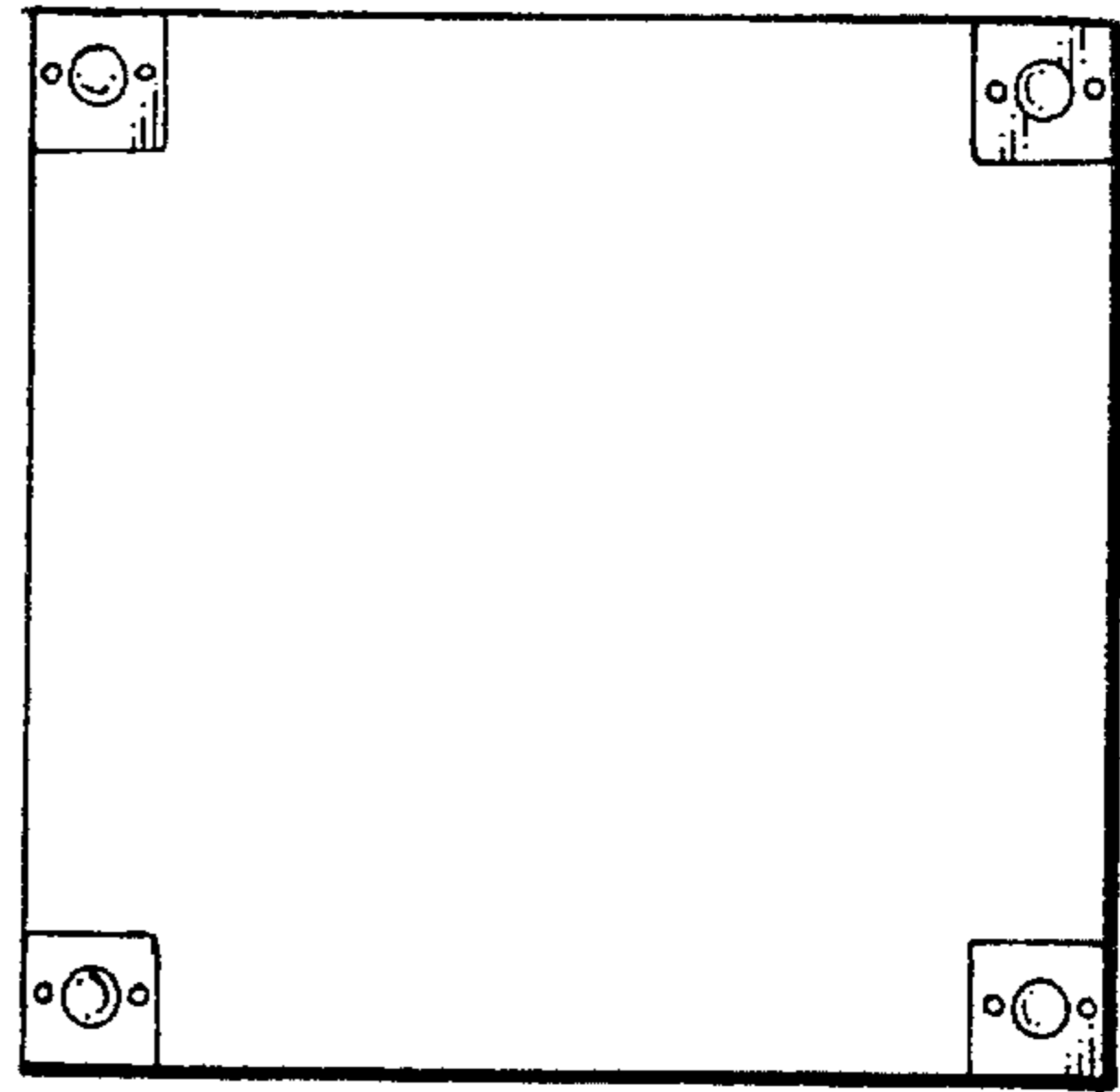


Fig. 5

Fig. 6

