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(12) **United States Design Patent**
Chang

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(54) **SHREDDER**

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(**) **Term:** **14 Years**

(21) **Appl. No.:** **29/177,403**

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(51) **LOC (7) Cl.** **18-04**

(52) **U.S. Cl.** **D18/34; D19/72**

(58) **Field of Search** D18/34, 99; D19/65, D19/72; 241/3, 30, 36, 100, 166, 168, 169.1, 236, 220, 227, 235, 237, 243; 83/495, 500, 663, 664; 30/278, 279.2, 304

(56) **References Cited**

U.S. PATENT DOCUMENTS

D225,179 S	*	11/1972	Macowski	.....	D18/34
4,257,565 A	*	3/1981	Hatanaka	.....	241/100
4,997,134 A	*	3/1991	MacGregor	.....	241/3
5,071,080 A	*	12/1991	Herbst et al.	.....	241/166
D327,904 S	*	7/1992	Silver et al.	.....	D18/34
5,400,978 A	*	3/1995	Strohmeyer	.....	241/166

5,511,732 A	*	4/1996	Kroger et al.	.....	241/166
D370,689 S	*	6/1996	Harris	.....	D18/34
6,113,017 A	*	9/2000	Tsai	241/236
D444,809 S	*	7/2001	Chang	D18/34

* cited by examiner

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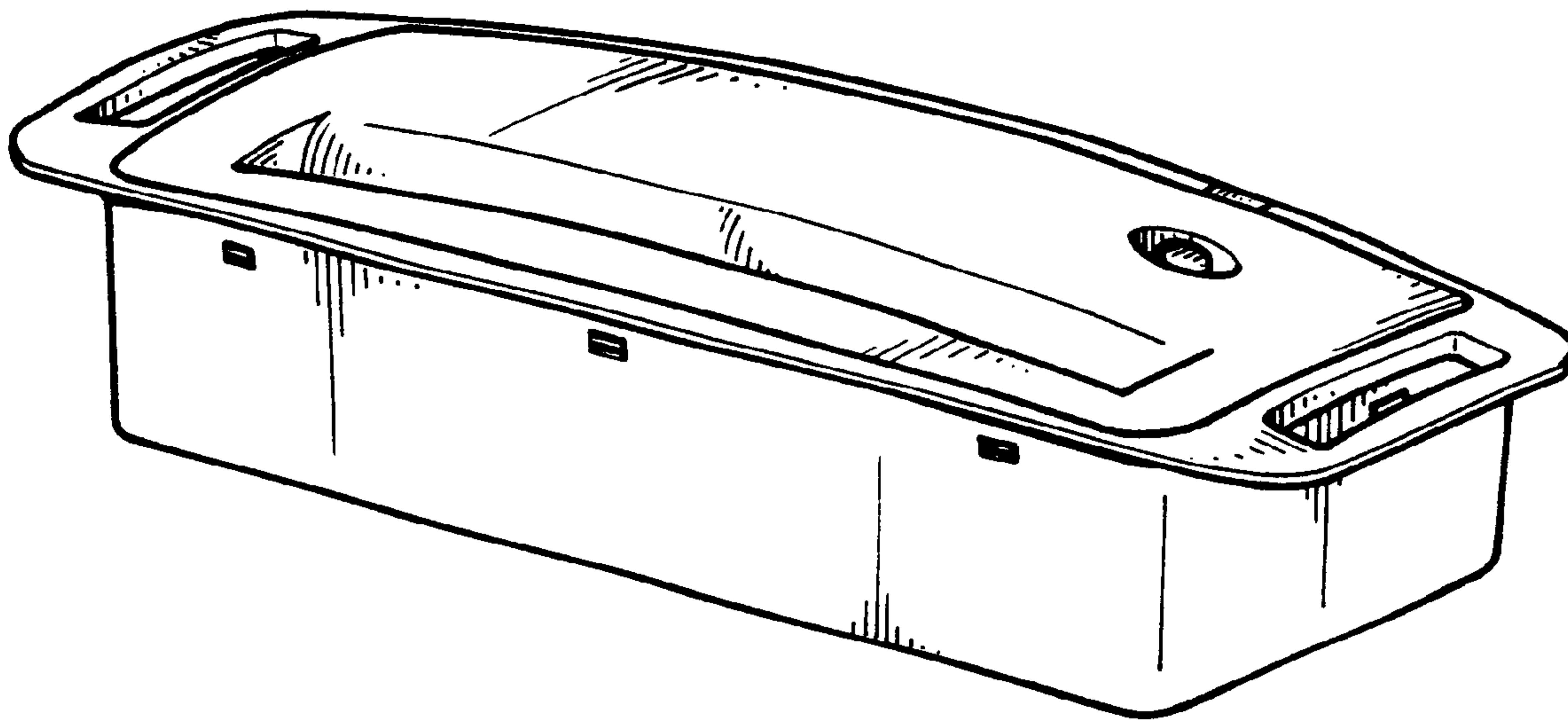
(57) **CLAIM**

The ornamental design for a shredder, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the shredder, showing my design;
FIG. 2 is a front elevational view;
FIG. 3 is a rear elevational view;
FIG. 4 is a left side elevational view;
FIG. 5 is a right side elevational view;
FIG. 6 is a top plan view; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 4 Drawing Sheets



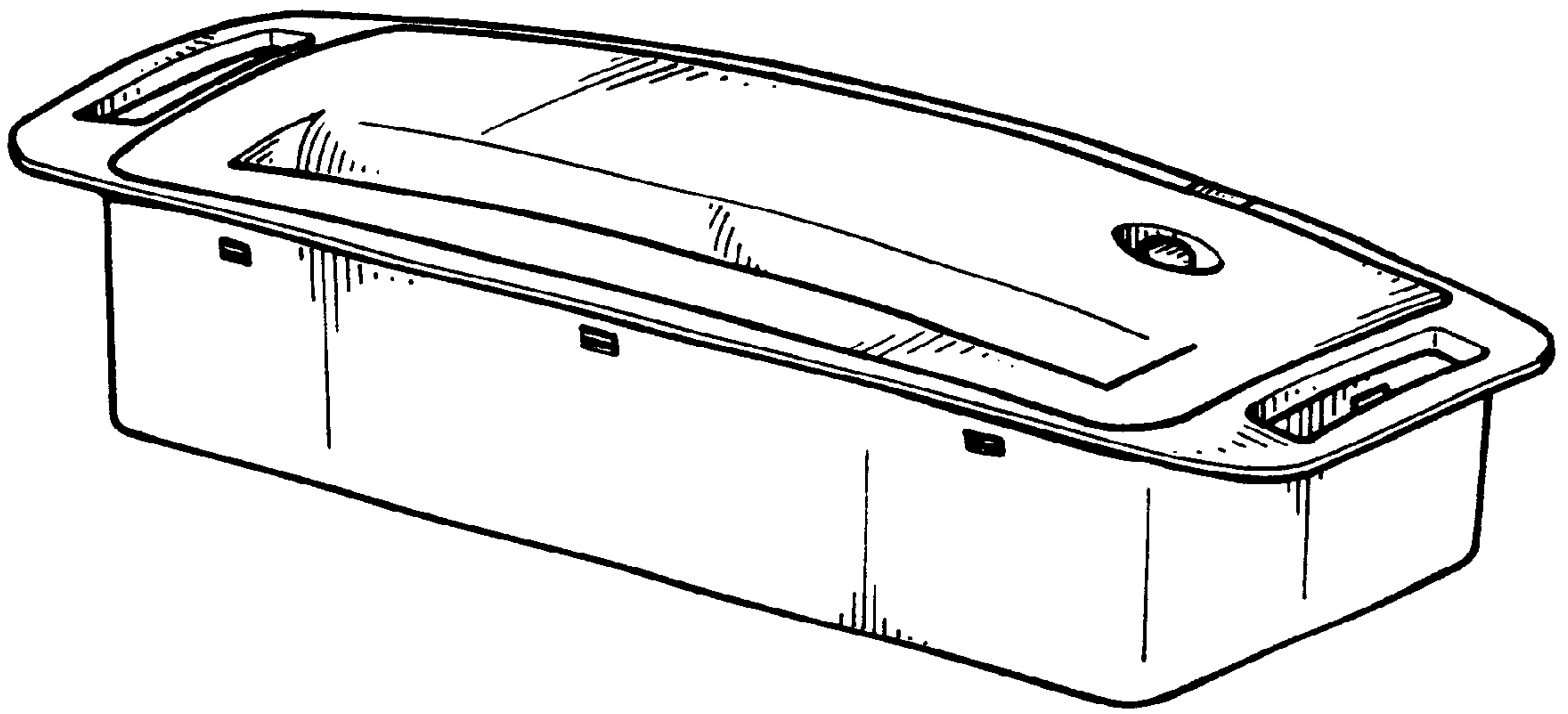


Fig. 1

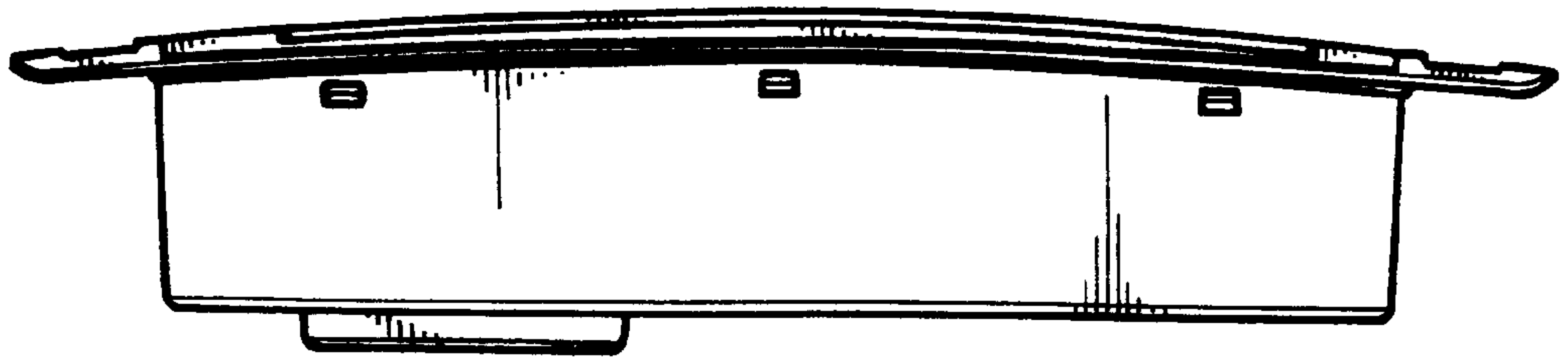


Fig. 2

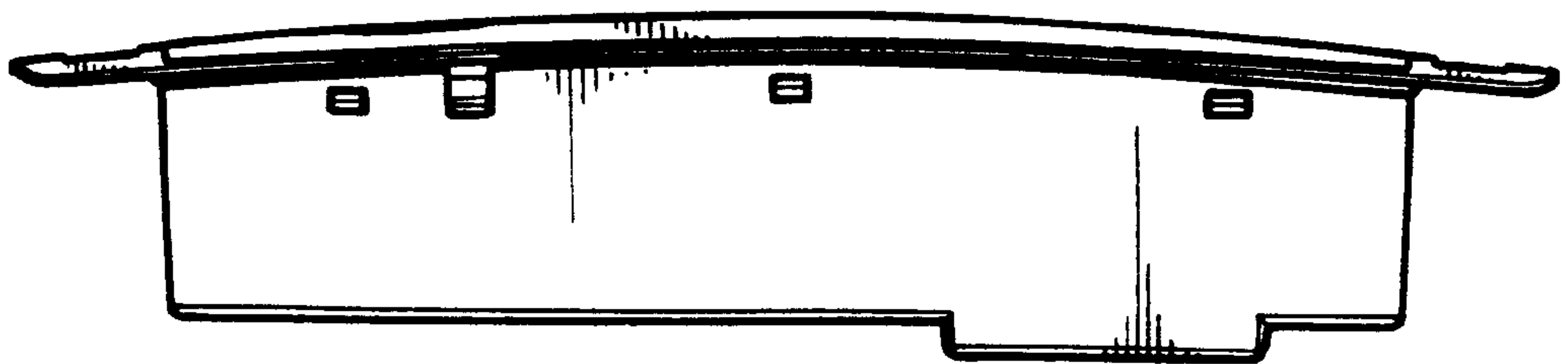


Fig. 3

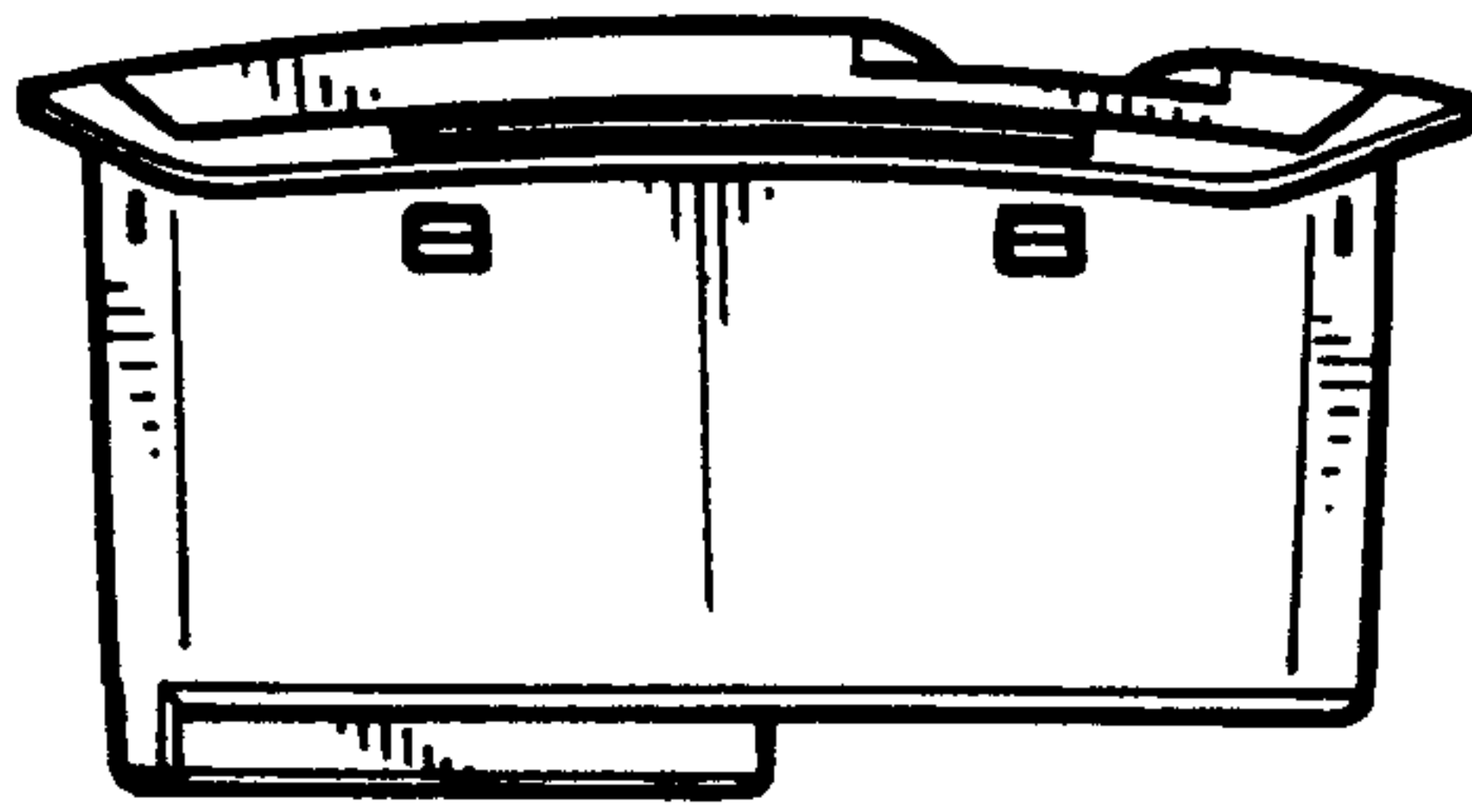


Fig. 4

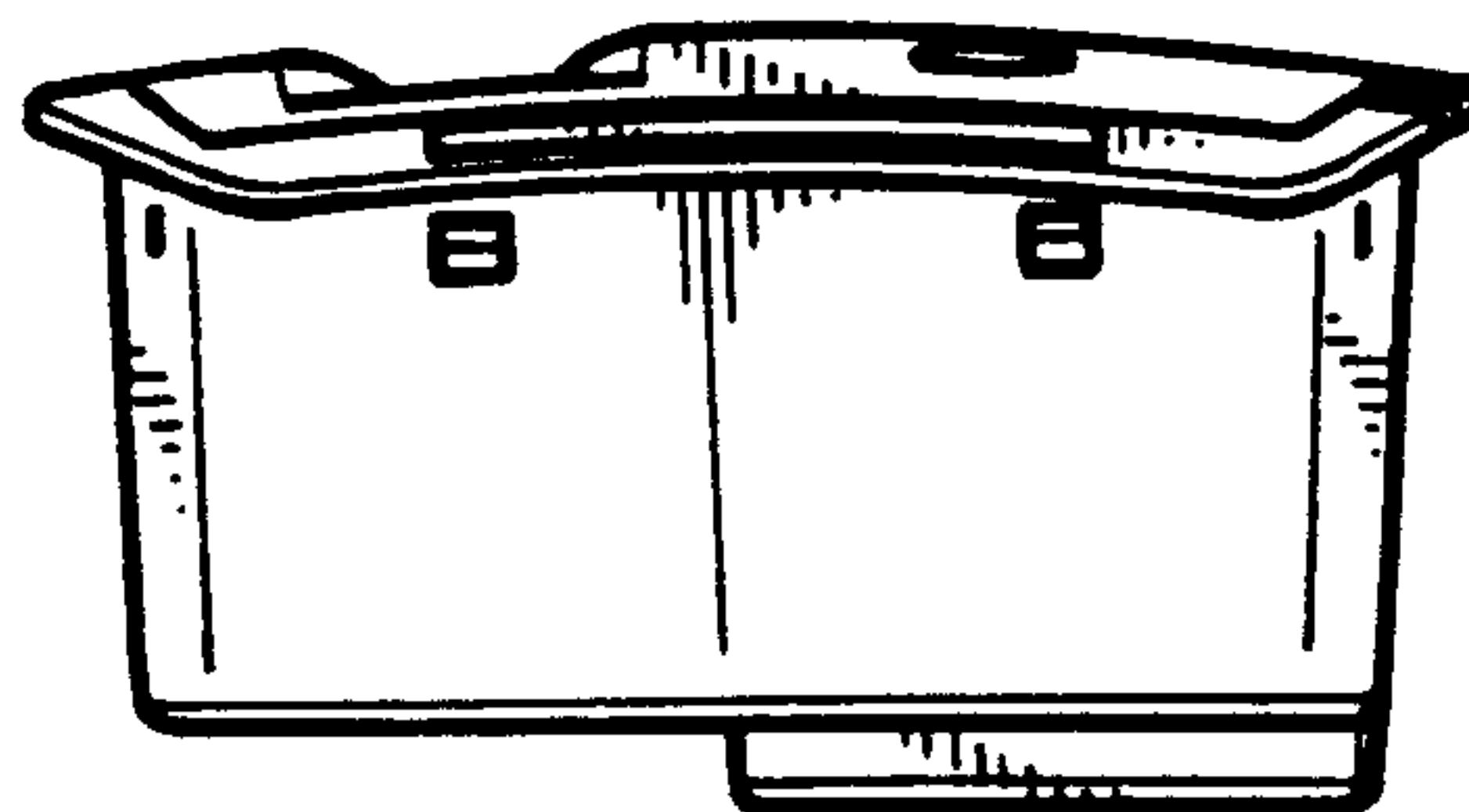


Fig. 5

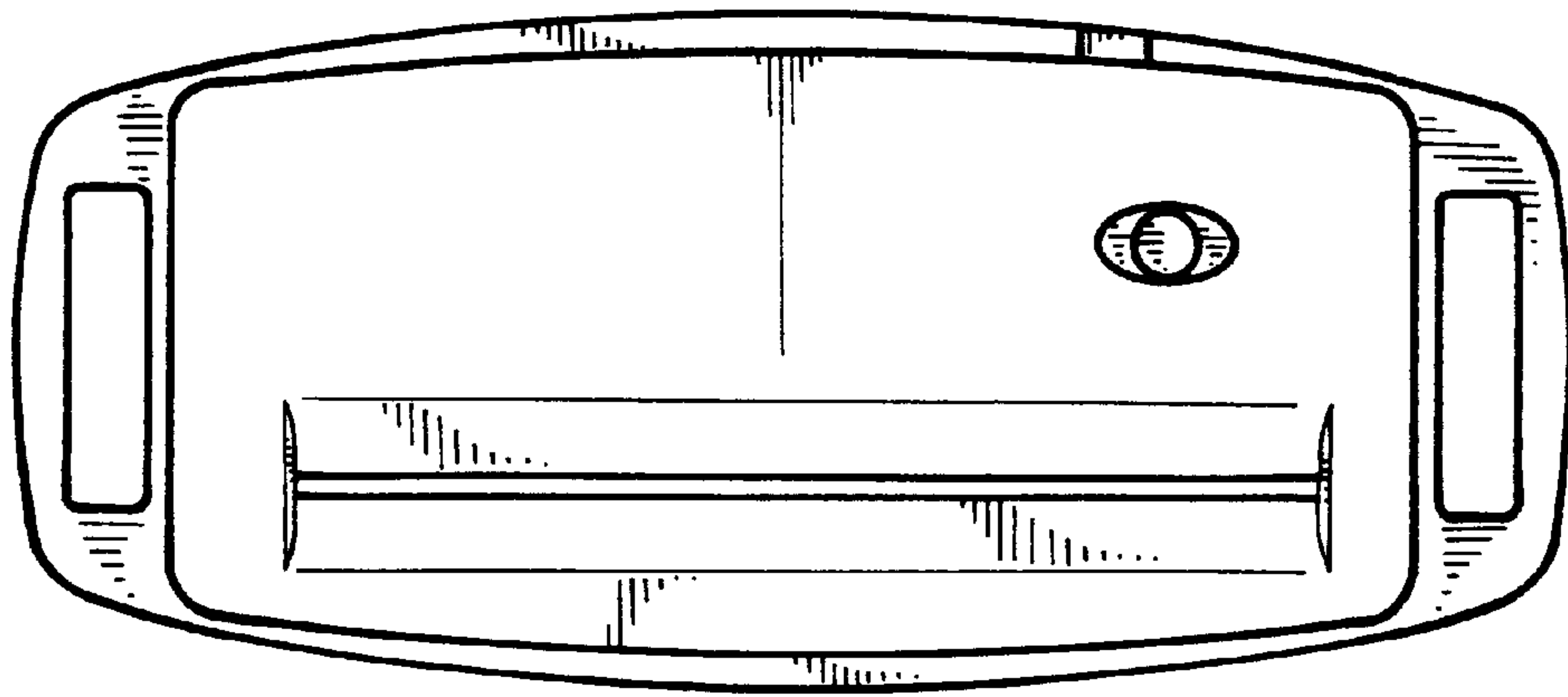


Fig. 6

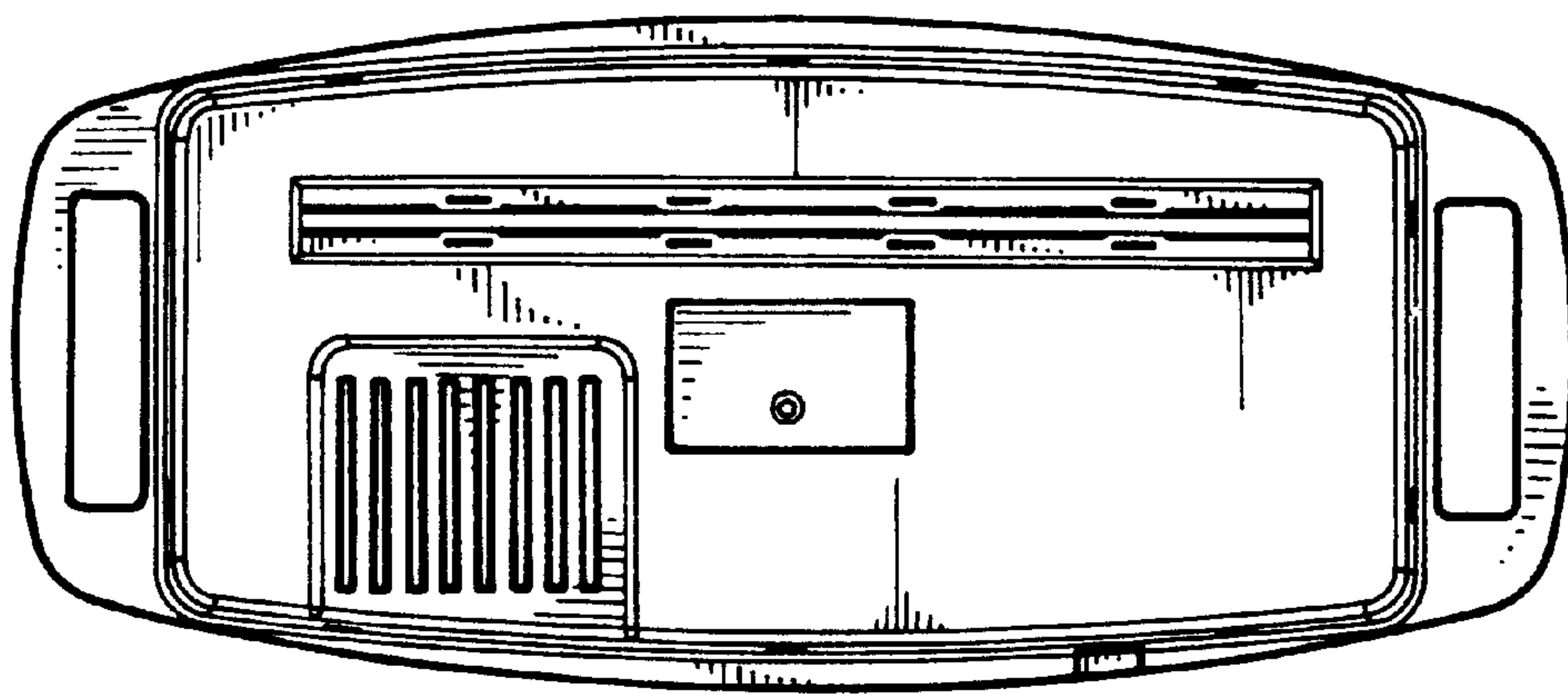


Fig. 7