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(12) **United States Design Patent** (10) **Patent No.:** **US D848,020 S**
Kobeli et al. (45) **Date of Patent:** ** **May 7, 2019**

(54) **SEQUENCING OR SAMPLE PREPARATION INSTRUMENT**

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(**) Term: **15 Years**

(21) Appl. No.: **29/617,029**

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(51) LOC (11) Cl. **24-01**

(52) U.S. Cl. **D24/216**
USPC **D24/216**

(58) **Field of Classification Search**
USPC D24/216–219, 231, 232, 233, 107, 169,
D24/186; D10/81

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,207,421 B1 3/2001 Middendorf et al.
D542,931 S 5/2007 Pukall et al.

(Continued)

OTHER PUBLICATIONS

Prior Art Statement, dated Jul. 20, 2016, 1 pg.
U.S. Appl. No. 29/581,054, filed Oct. 14, 2016, Kobeli et al.

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(57)

CLAIM

We claim the ornamental design for an sequencing or sample preparation instrument, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of an sequencing or sample preparation instrument showing the top, right side, and front of the analysis unit.

FIG. 2 is a front view of the sequencing or sample preparation instrument.

FIG. 3 is a rear view of the sequencing or sample preparation instrument.

FIG. 4 is a right side view of the sequencing or sample preparation instrument.

FIG. 5 is a left side view of the sequencing or sample preparation instrument.

FIG. 6 is a bottom view of the sequencing or sample preparation instrument.

FIG. 7 is a top view of the sequencing or sample preparation instrument.

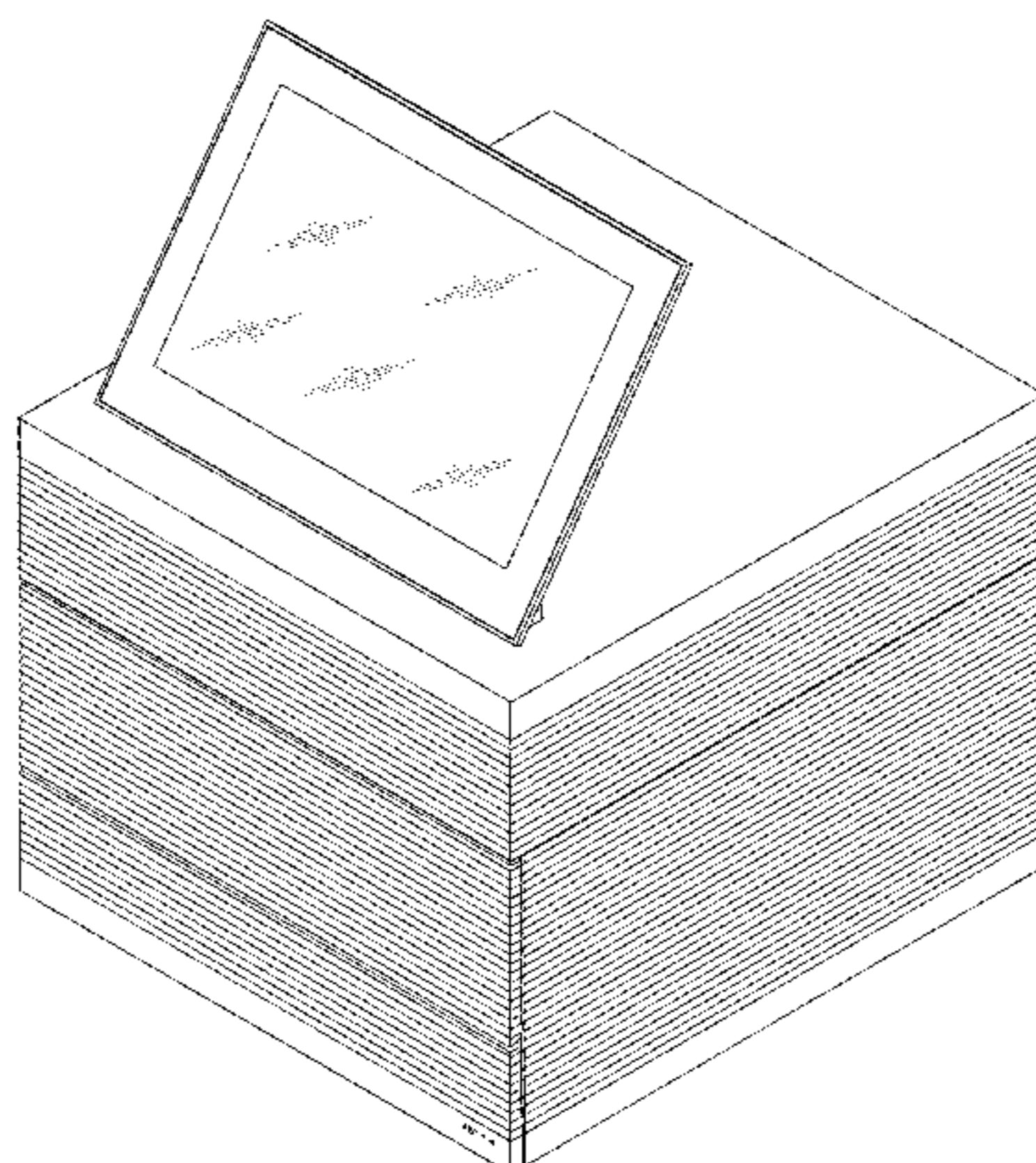
FIG. 8 is an isometric view of the sequencing or sample preparation instrument showing the left, rear, and top of the analysis unit.

FIG. 9 is an isometric view of the sequencing or sample preparation instrument with the tablet interface folded flat against the top of the analysis unit; and,

FIG. 10 is a right side view of the sequencing or sample preparation instrument.

The broken lines immediately adjacent the shaded areas represent the bounds of the claim, while all other broken lines are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

1 Claim, 10 Drawing Sheets



(58) **Field of Classification Search**

CPC G01N 2035/00306; G01N 2035/00326;
G01N 2035/00336; G01N 2030/027;
G01N 35/1085; G01N 2021/6432; C12Q
1/6869; C12Q 1/6806

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

D588,276 S	3/2009	Isozaki et al.
D687,561 S	8/2013	Iseki
D717,460 S	11/2014	Manian
D719,666 S	12/2014	Manian
D719,667 S	12/2014	Manian
D729,405 S	5/2015	Ramstad et al.
D737,459 S	8/2015	Kurihara et al.
D751,728 S	3/2016	Latorracá et al.
D759,519 S *	6/2016	Apotheloz
D761,142 S *	7/2016	Golta
D774,659 S *	12/2016	Quackenbush
D817,509 S *	5/2018	McMullin
2010/0267049 A1	10/2010	Rutter et al.
2018/0100182 A1*	4/2018	Mulakkapurath Narayanan
		C12Q 1/6806

* cited by examiner

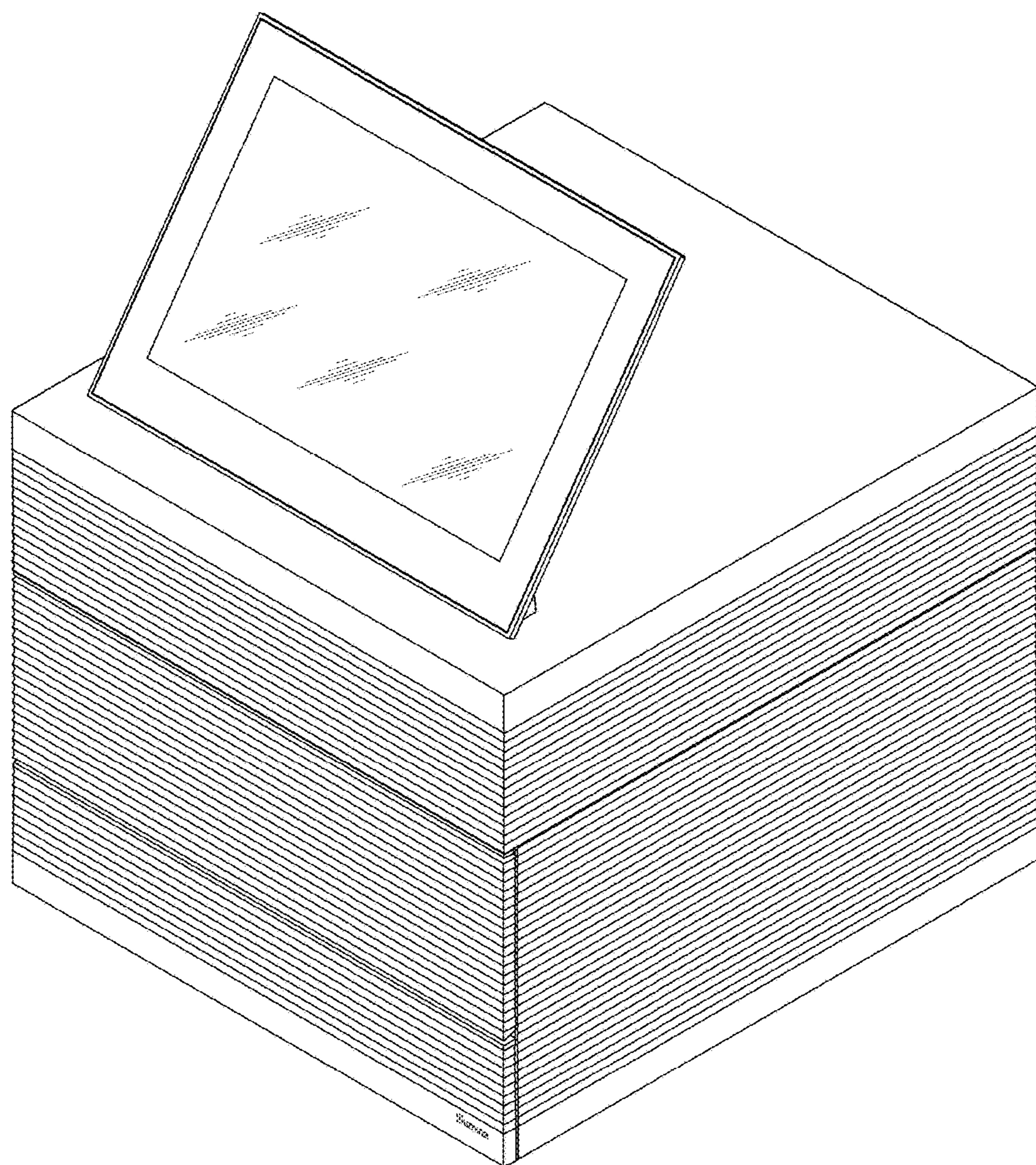


Fig. 1

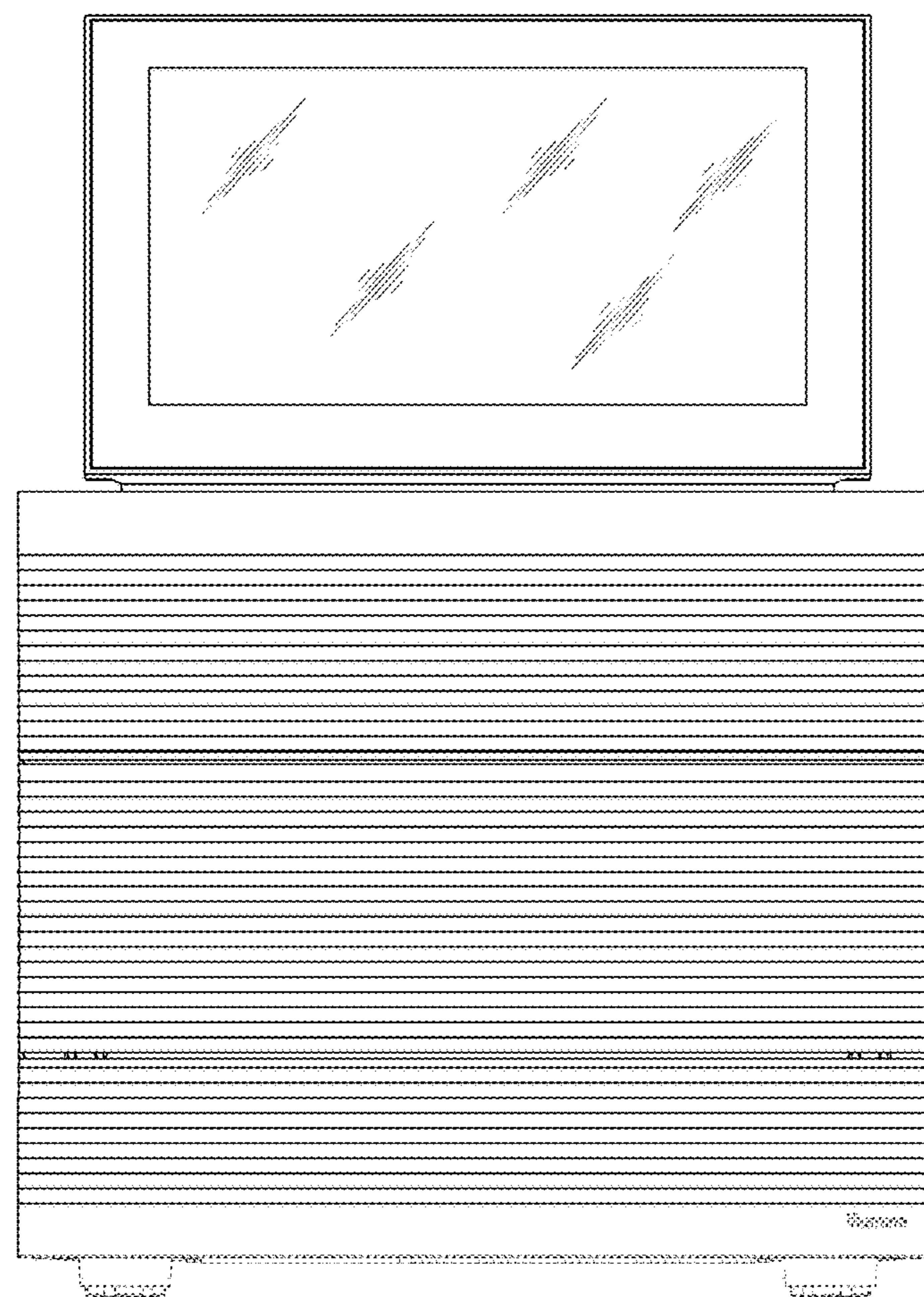


Fig. 2

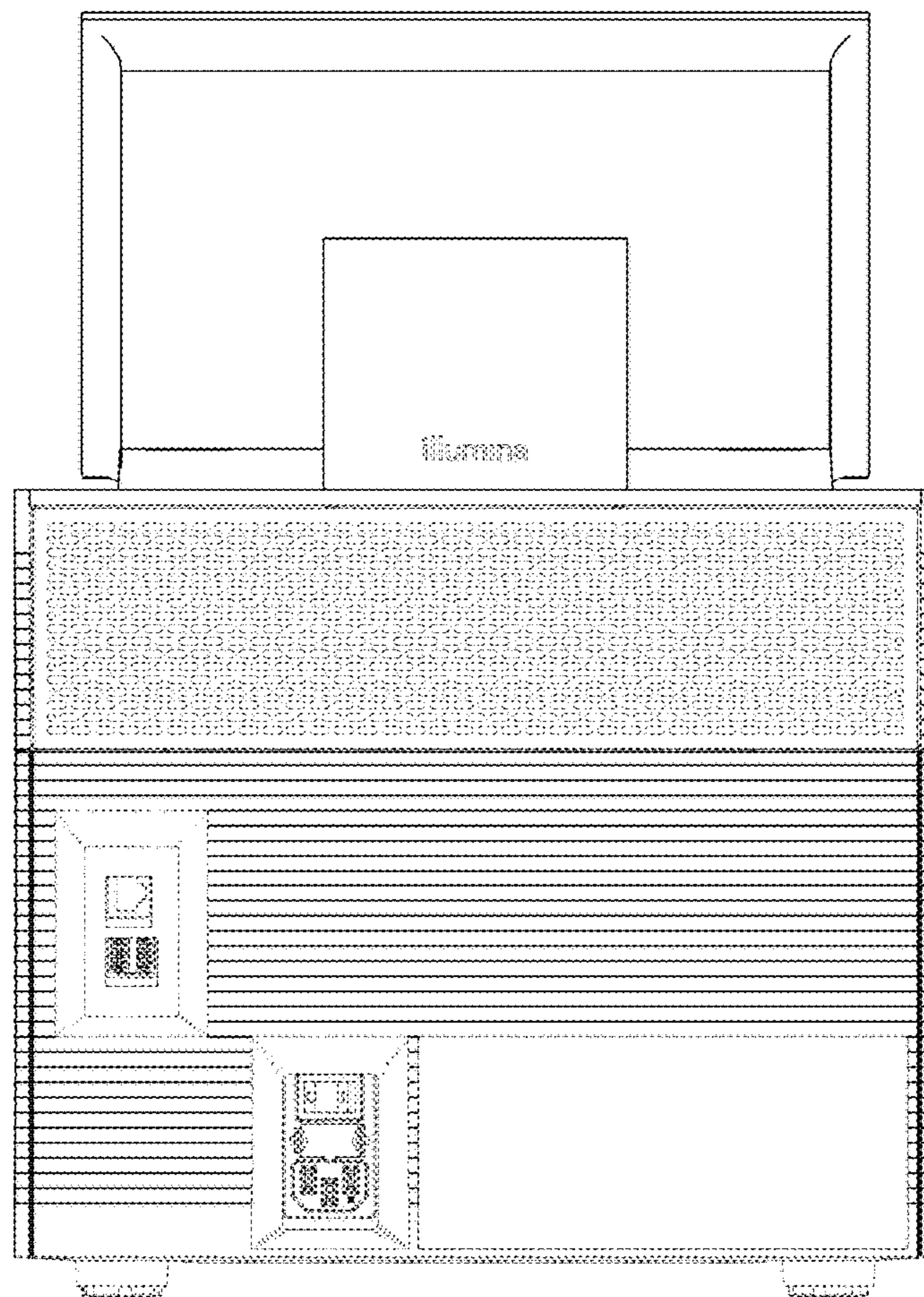


Fig. 3

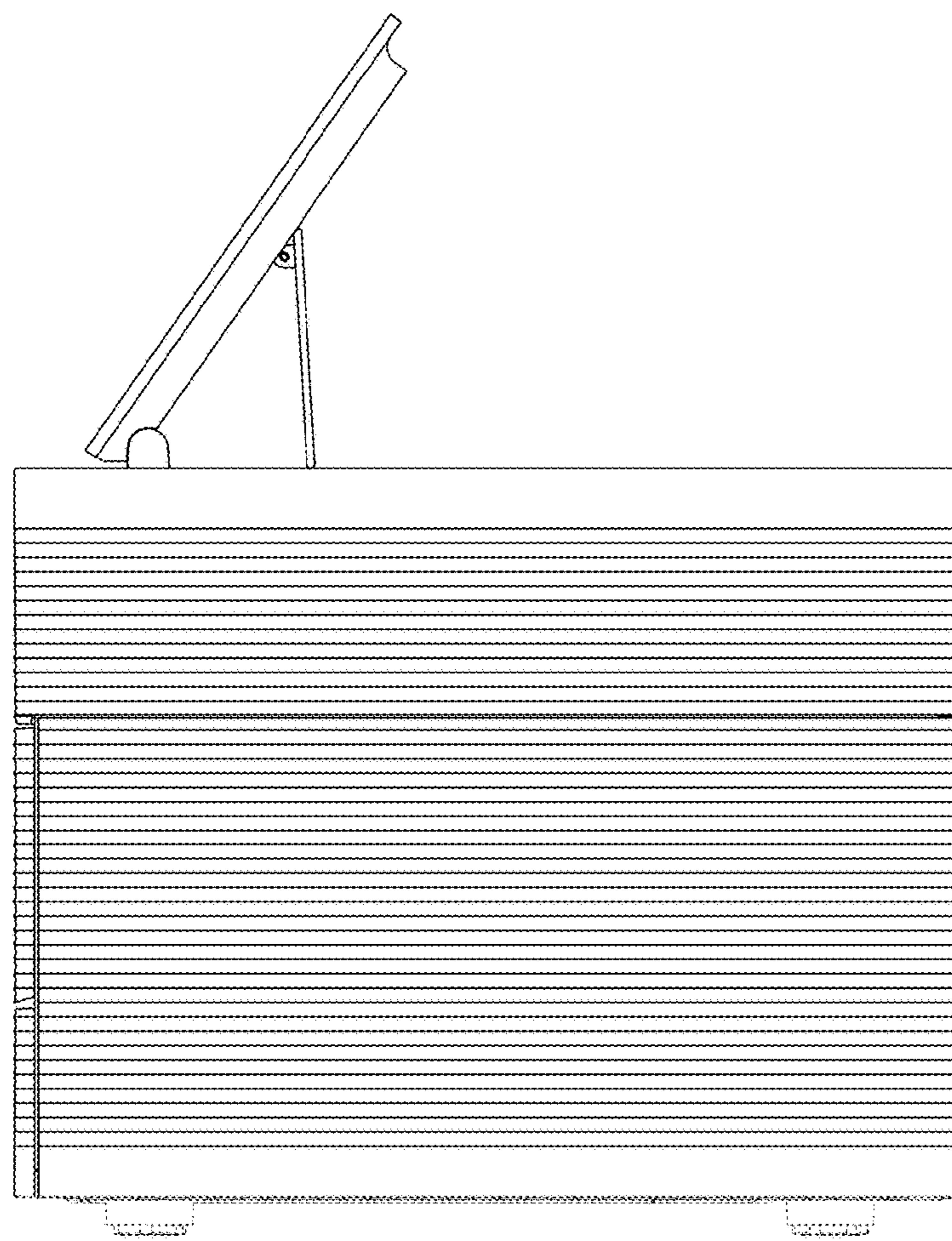


Fig. 4

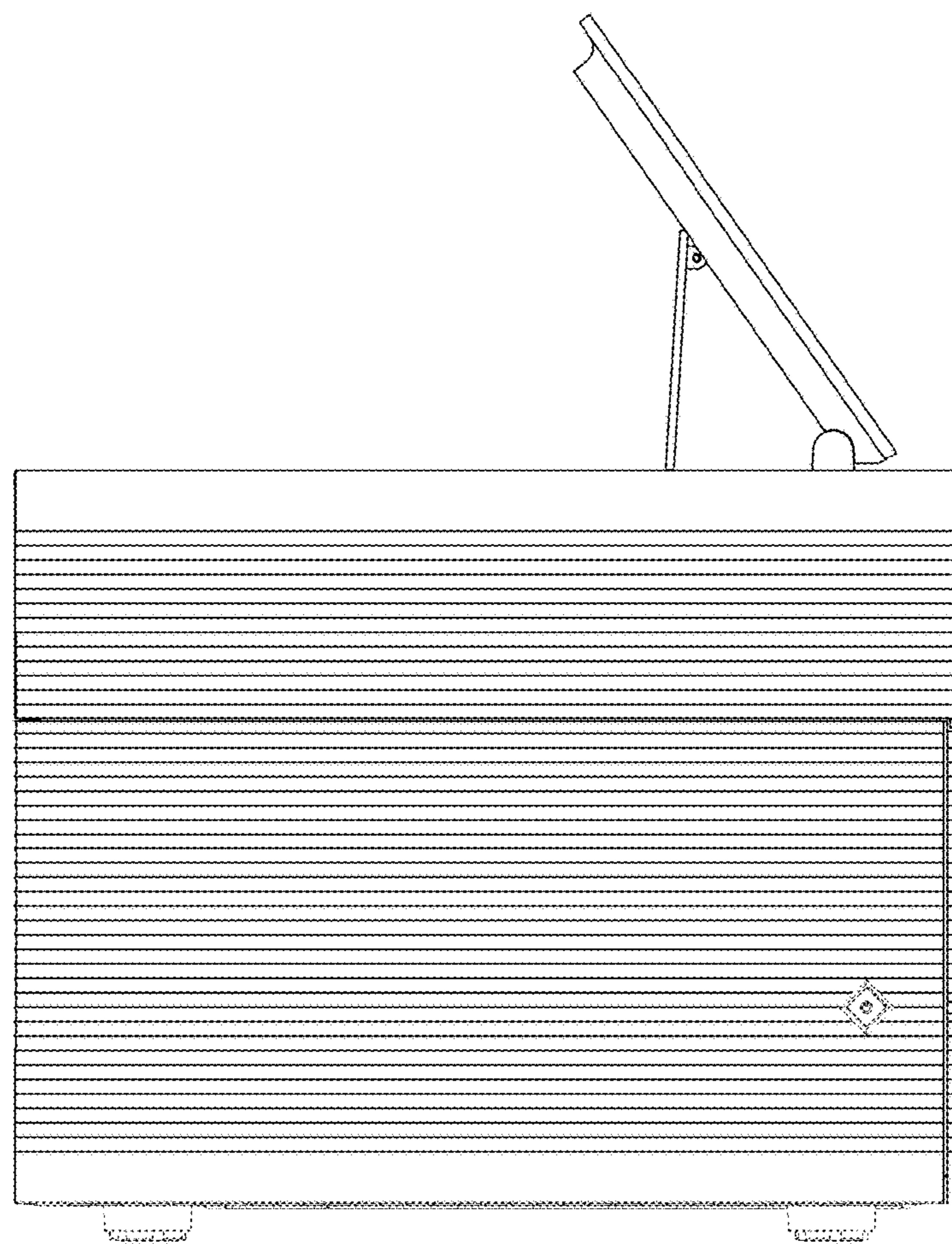


Fig. 5

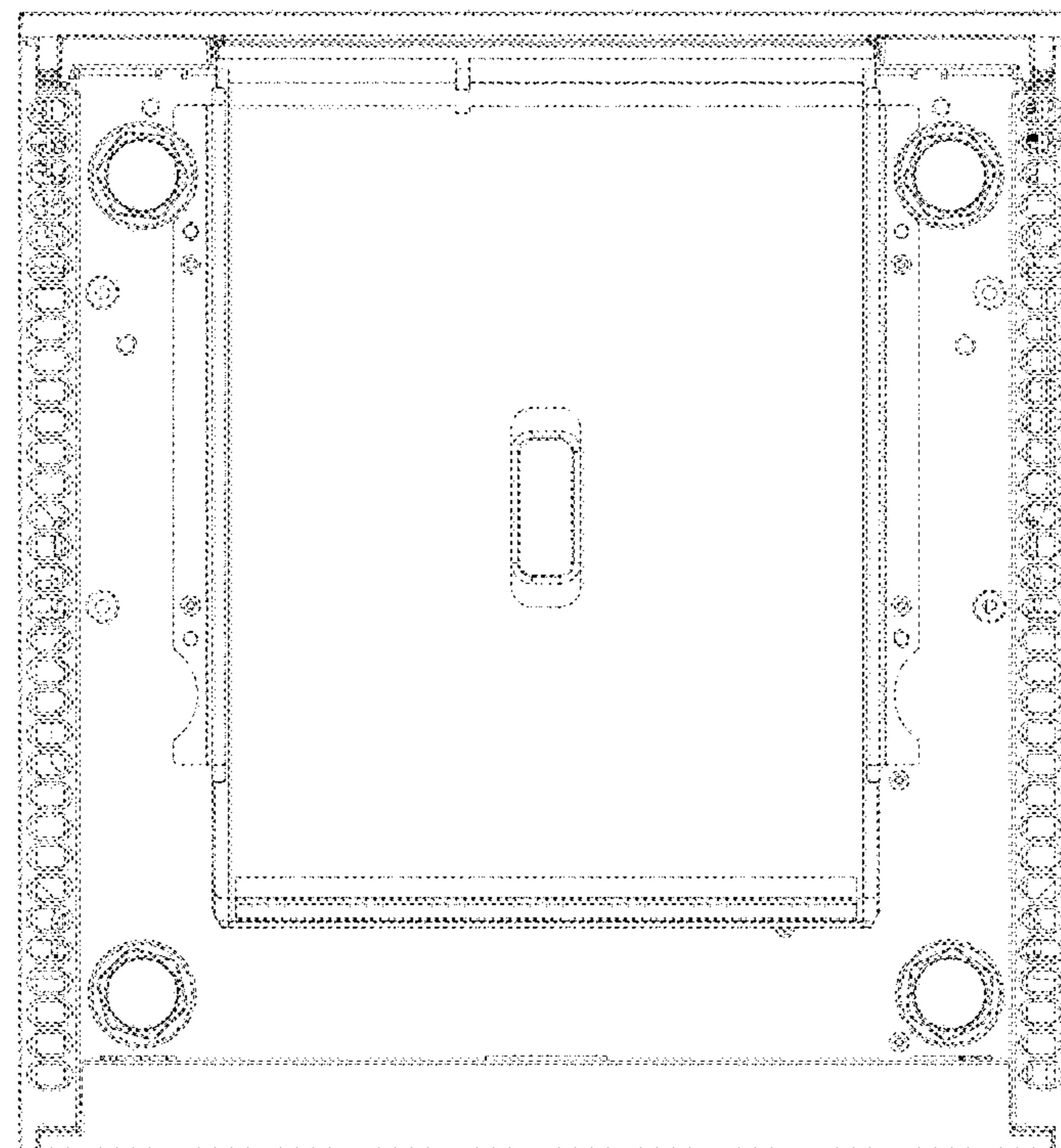


Fig. 6

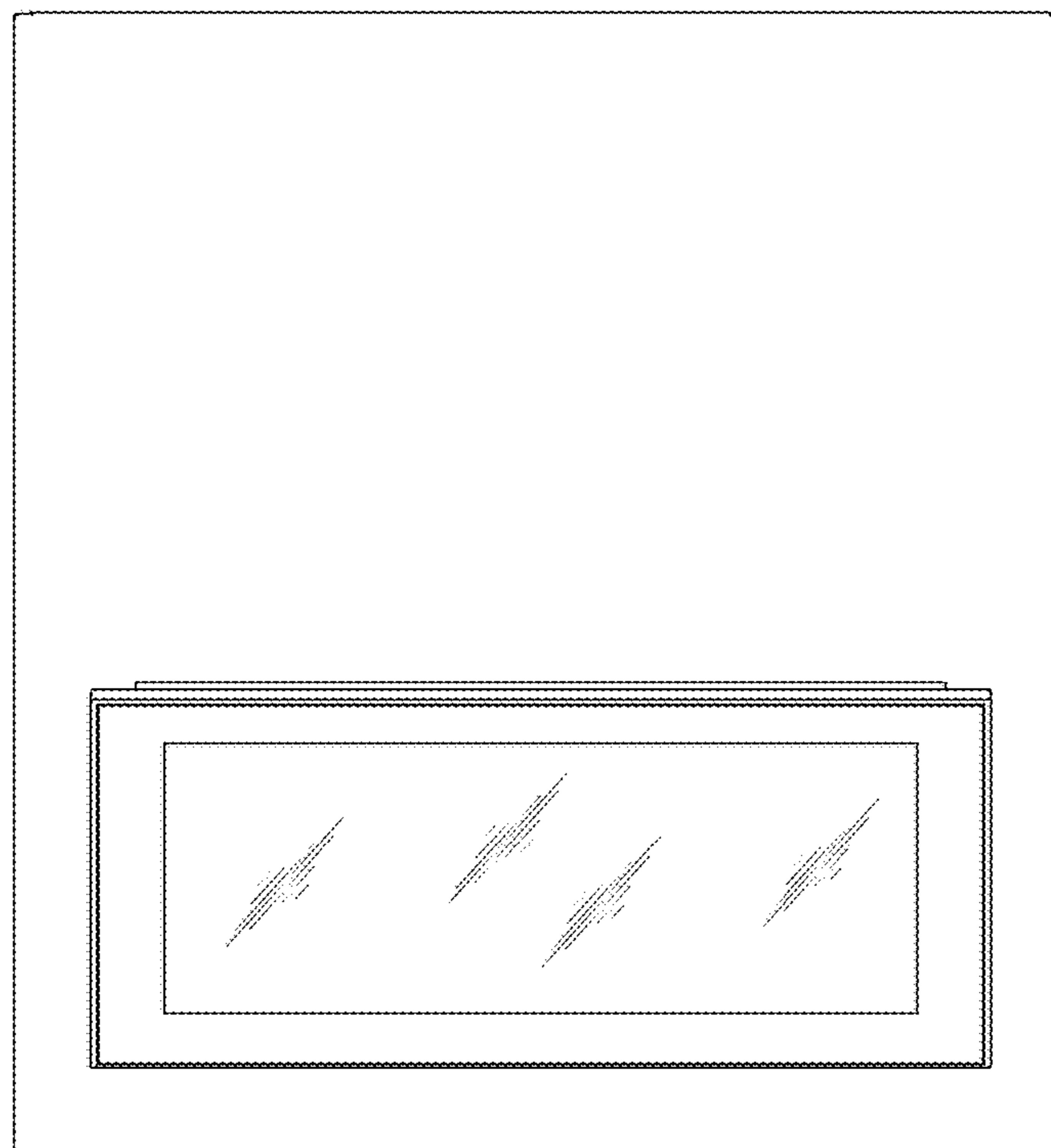


Fig. 7

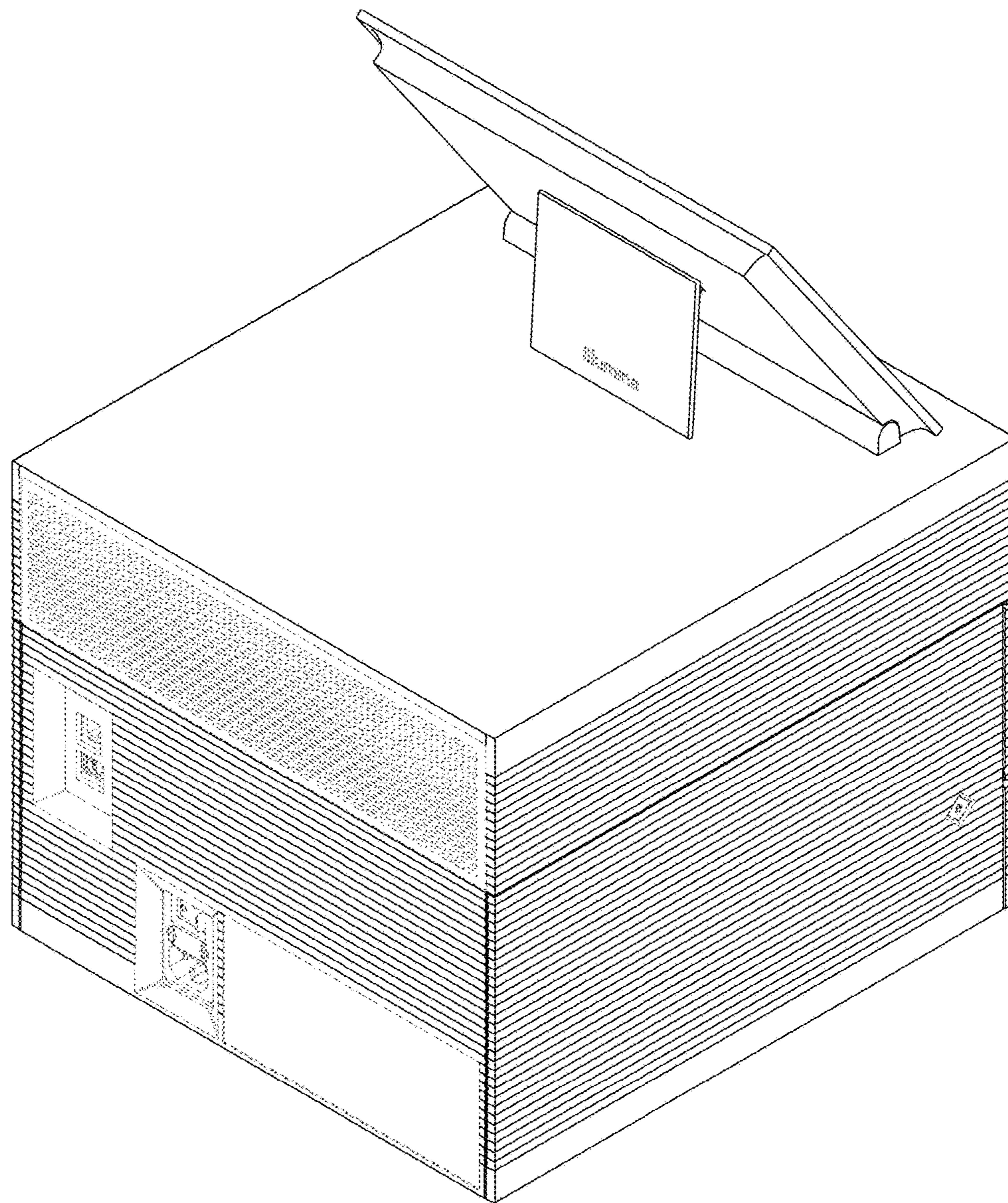


Fig. 8

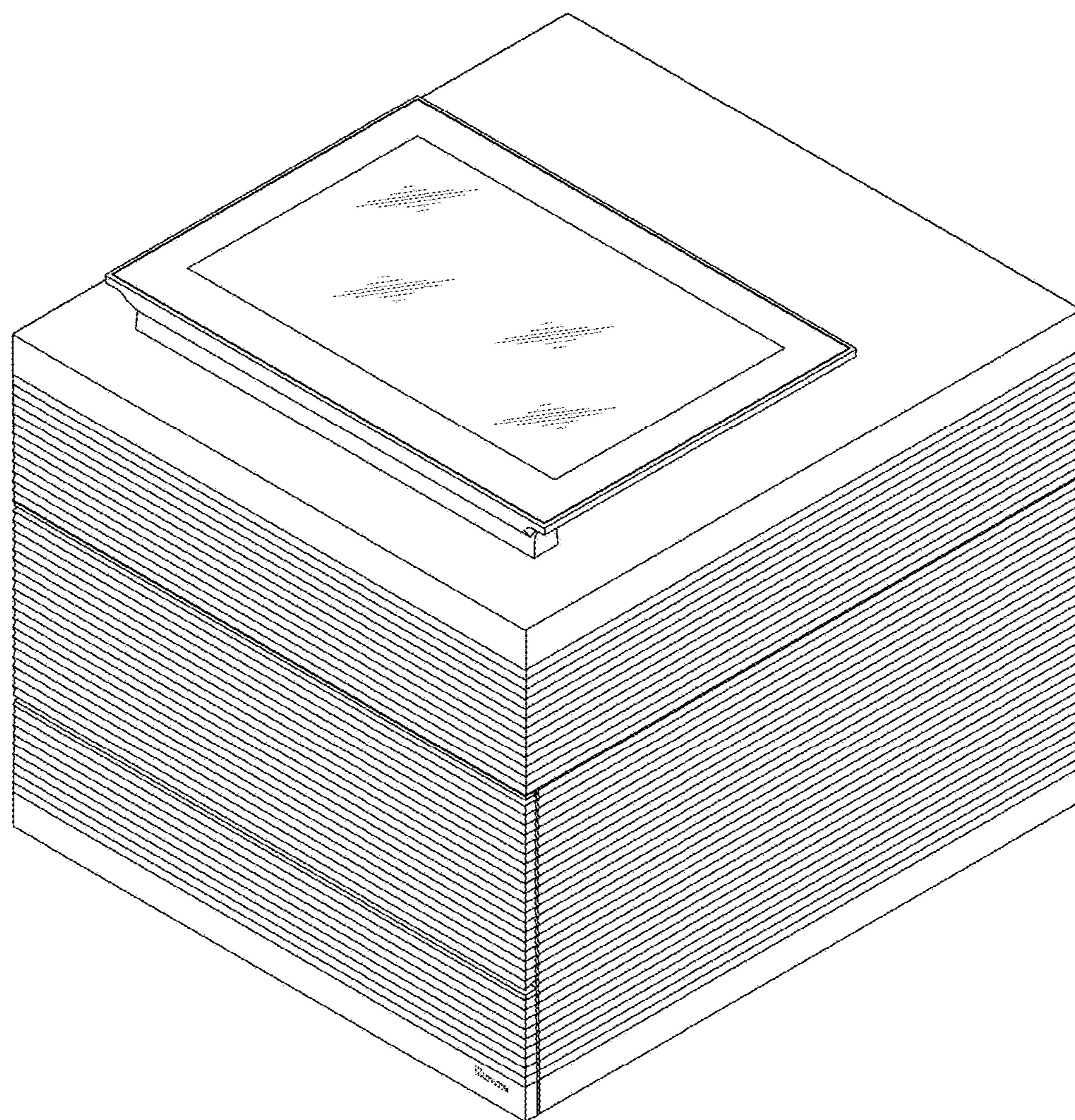


Fig. 9

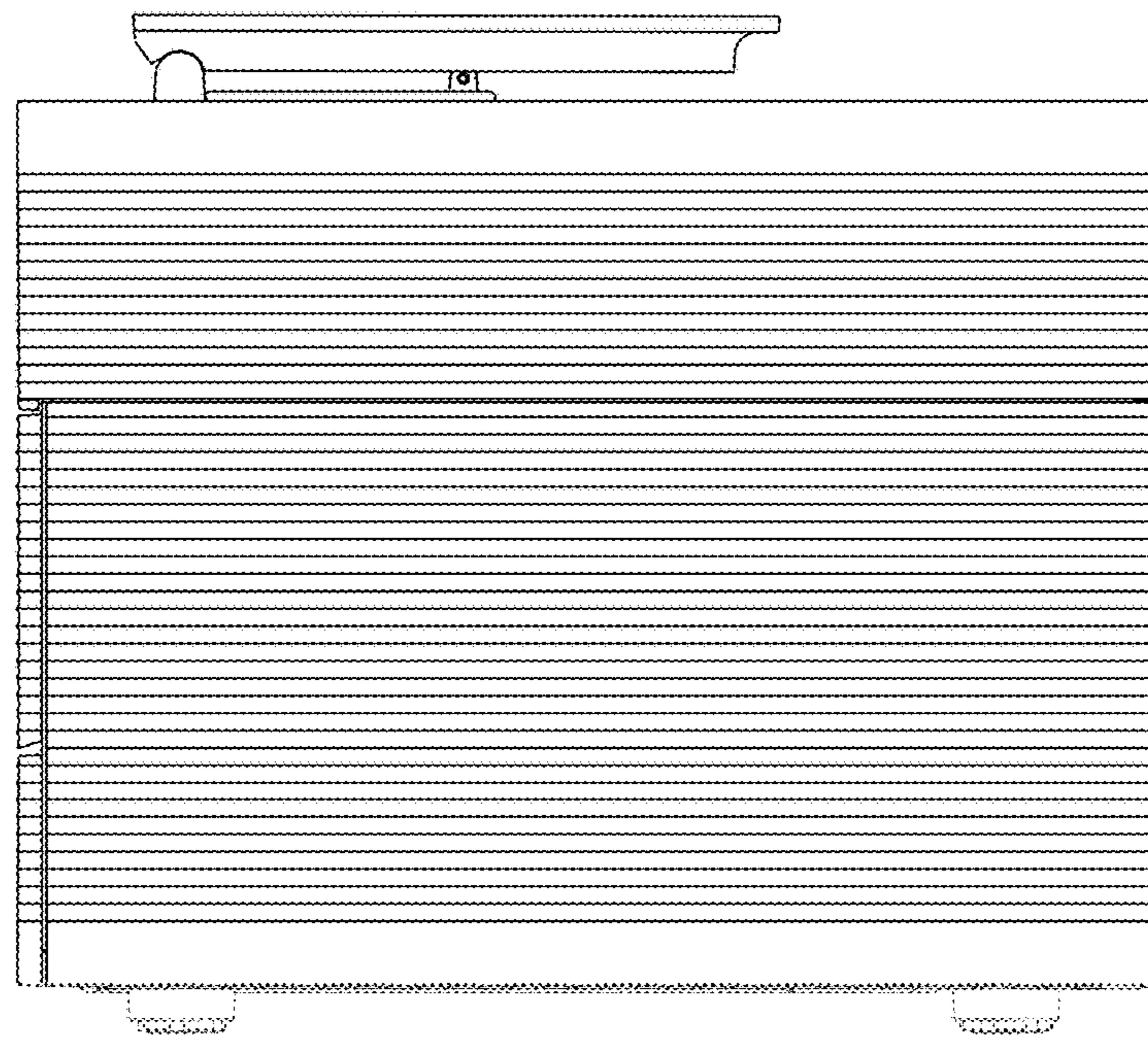


Fig. 10