



US00D399963S

United States Patent [19]

Mazess et al.

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[45] Date of Patent: **Oct. 20, 1998

[54] PERIPHERAL BONE DENSITOMETER WITH HEEL POSITIONER

[75] Inventors: Richard B. Mazess; Daniel R. Bullis, both of Madison, Wis.

[73] Assignee: Lunar Corporation, Madison, Wis.

[**] Term: 14 Years

[21] Appl. No.: 67,457

[22] Filed: Mar. 7, 1997

[51] LOC (6) Cl. 24-01

[52] U.S. Cl. D24/186

[58] Field of Search D24/186; 378/54, 378/55, 56, 193; 600/415, 436-438, 442, 449, 459; 128/660.06, 661.03, 660.01

[56] References Cited

U.S. PATENT DOCUMENTS

3,639,764	2/1972	Olson et al.	378/193
3,847,141	11/1974	Hoop	600/437
4,947,414	8/1990	Stein	378/55
5,148,455	9/1992	Stein	378/55
5,603,325	2/1997	Mazess et al.	600/442

OTHER PUBLICATIONS

- Aloka Company, Ltd., DXA Bone Densitometer advertisement, printed in Japan 93-7.
- OsteoScan, pDXA Bone Densitomer brochure, copyright 1995 Nederburgh B.V., printed in Netherlands, 1995.
- Osteon, Inc., The Osteoanalyzer brochure, printed in the USA by Westminster Technologies, 1990.
- Dove Medical Systems, The Osteoanalyzer SXA3000 brochure, printed in the USA, 1996.
- OsteoScan, Computerized Densitometer Dual X-ray Energy Planar Wrist Scanning brochure, Nederburgh, Admitted published before Mar. 7, 1997.
- Osteometer MediTech A/S, DTX-200 Dual Energy X-ray Bone Densitometer brochure, Admitted published before Mar. 7, 1997.
- CalScan, "The Key to Safe Diagnosis", Admitted published before Mar. 7, 1997.

Primary Examiner—Stell Reid
Attorney, Agent, or Firm—Quarles & Brady

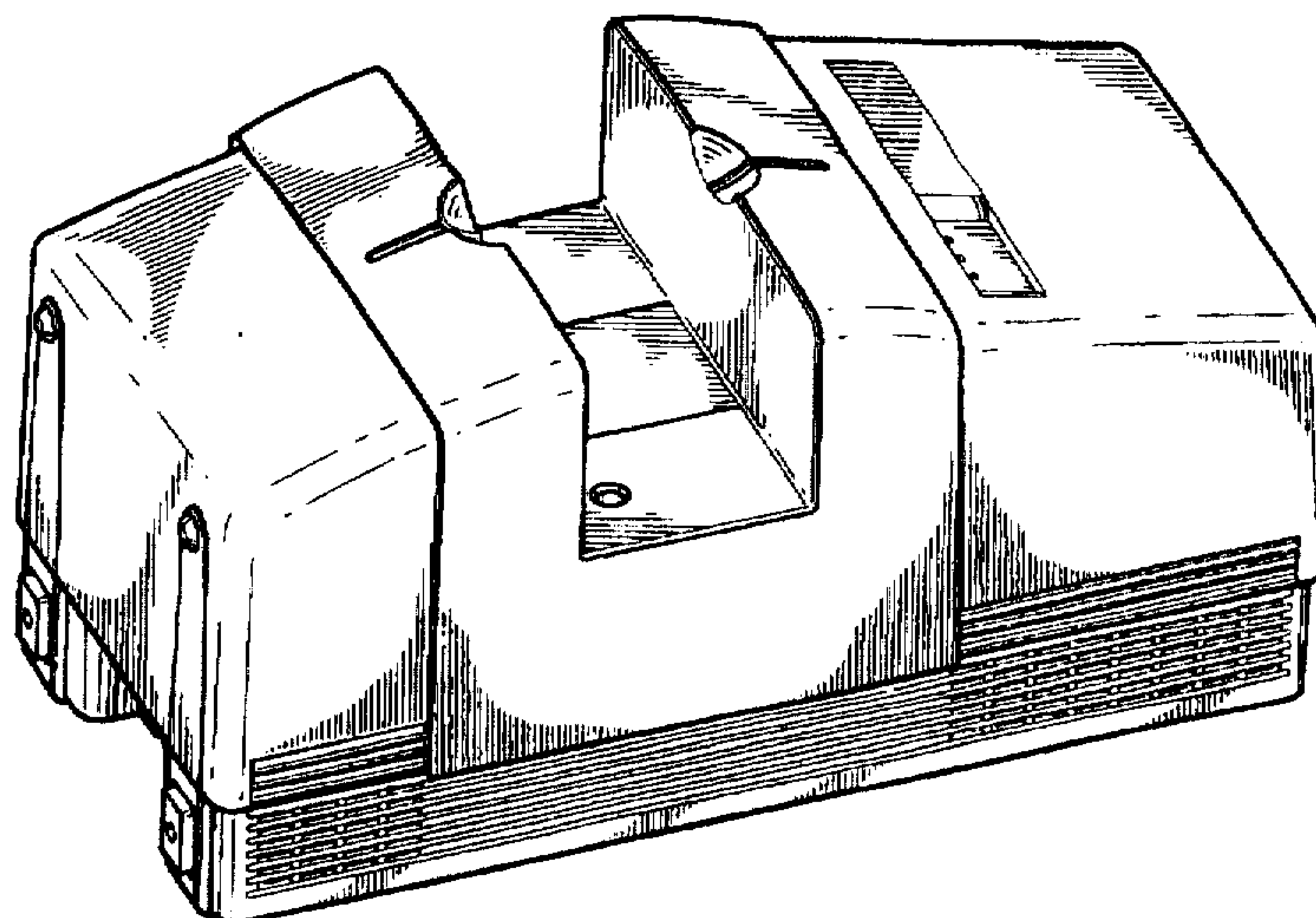
[57] CLAIM

The ornamental design for a peripheral bone densitometer with heel positioner, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of a peripheral bone densitometer showing my new design;
 FIG. 2 is a right side elevation view thereof;
 FIG. 3 is a top plan view thereof;
 FIG. 4 is a bottom plan view thereof;
 FIG. 5 is a left side elevation view thereof;
 FIG. 6 is a front elevation view thereof;
 FIG. 7 is a back elevation view thereof;
 FIG. 8 is an isometric view from beneath the peripheral bone densitometer showing the bottom, front and right sides thereof;
 FIG. 9 is an isometric view of the peripheral bone densitometer similar to that of FIG. 1 showing a heel positioner thereon;
 FIG. 10 is a right side elevation view of the peripheral bone densitometer with the heel positioner;
 FIG. 11 is a top plan view of the peripheral bone densitometer with the heel positioner;
 FIG. 12 is a bottom plan view of the peripheral bone densitometer with the heel positioner;
 FIG. 13 is a left side elevation view of the peripheral bone densitometer with the heel positioner;
 FIG. 14 is a front elevation view of the peripheral bone densitometer with the heel positioner;
 FIG. 15 is a back elevation view of the peripheral bone densitometer with the heel positioner;
 FIG. 16 is an isometric view from beneath the peripheral bone densitometer with the heel positioner showing the bottom, front and right sides thereof;
 FIG. 17 is an isometric view similar to that of FIG. 9 showing the a heel positioner in a closed state; and,
 FIG. 18 is another isometric view of the peripheral bone densitometer, the broken line showing of a palm rest is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 12 Drawing Sheets



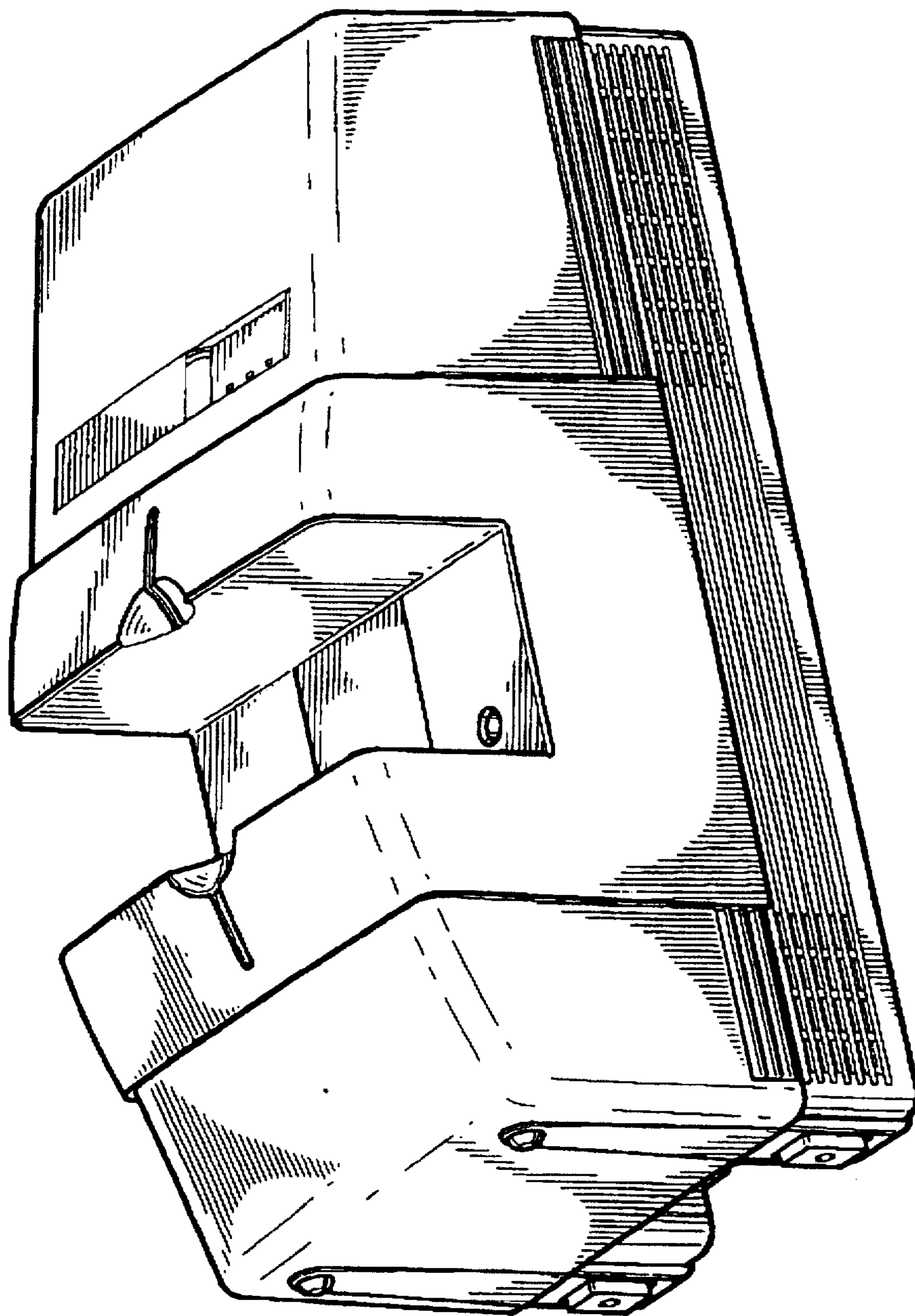


FIG. 1

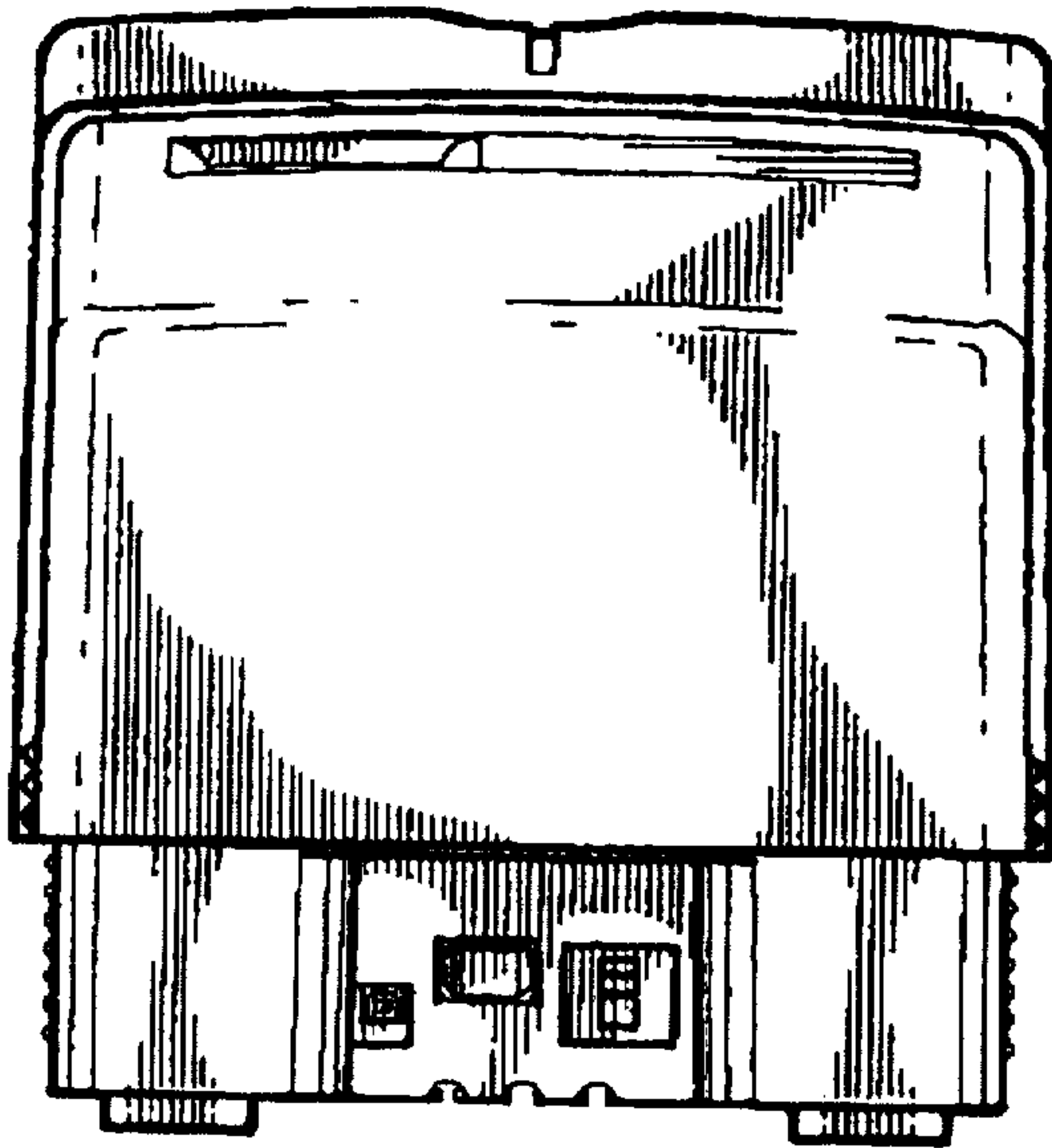


FIG. 2

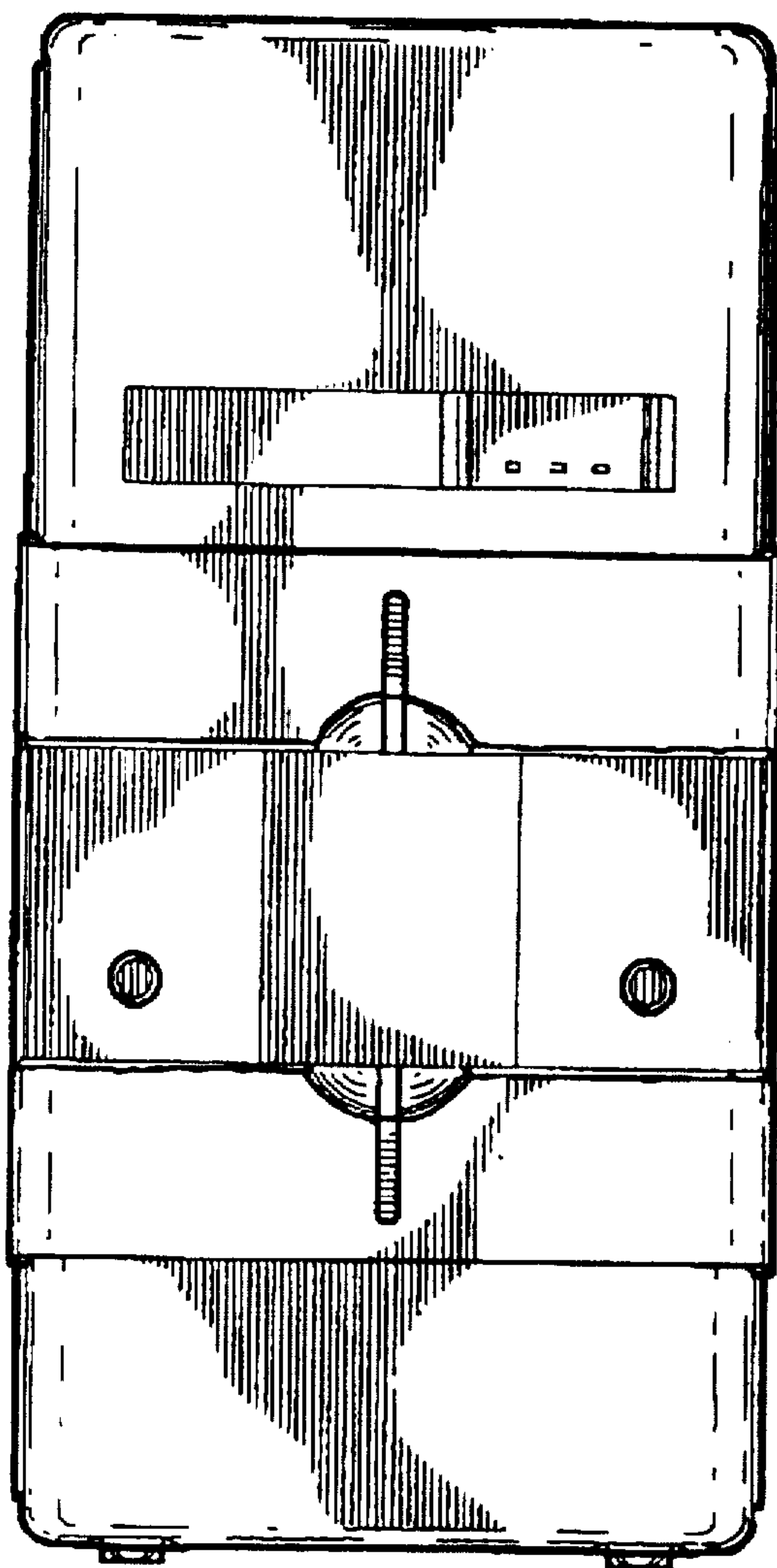


FIG. 3

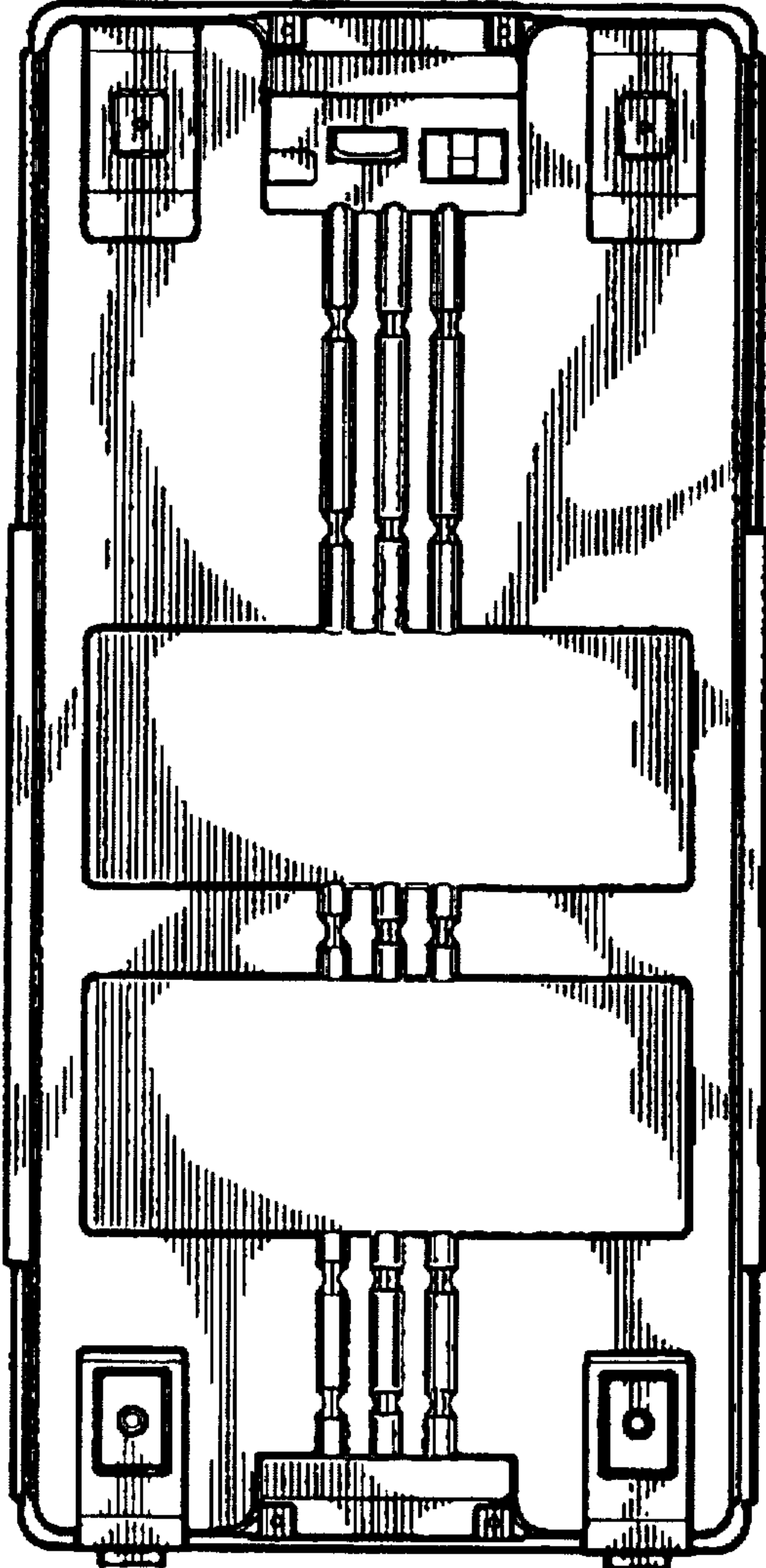


FIG. 4

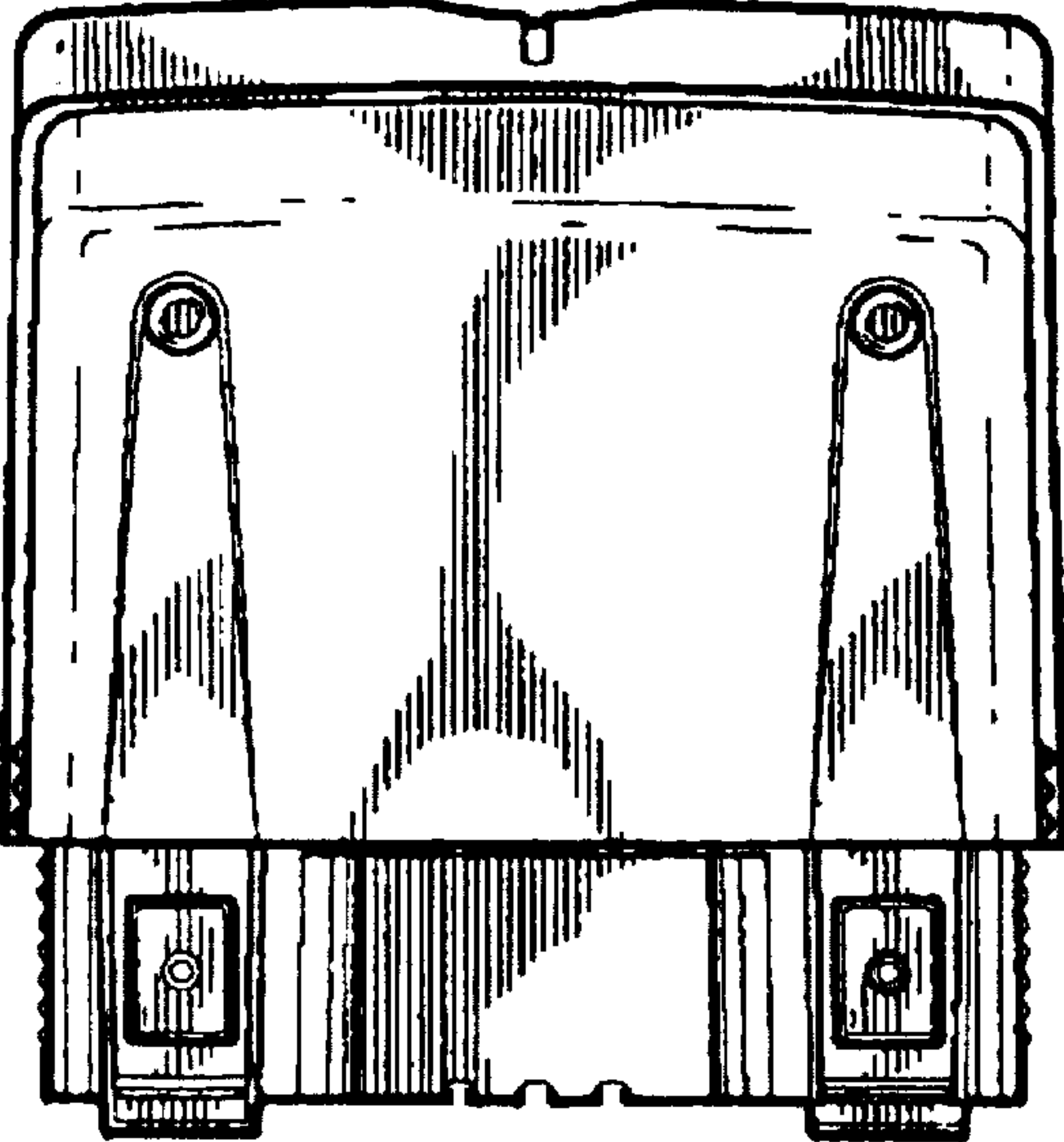


FIG. 5

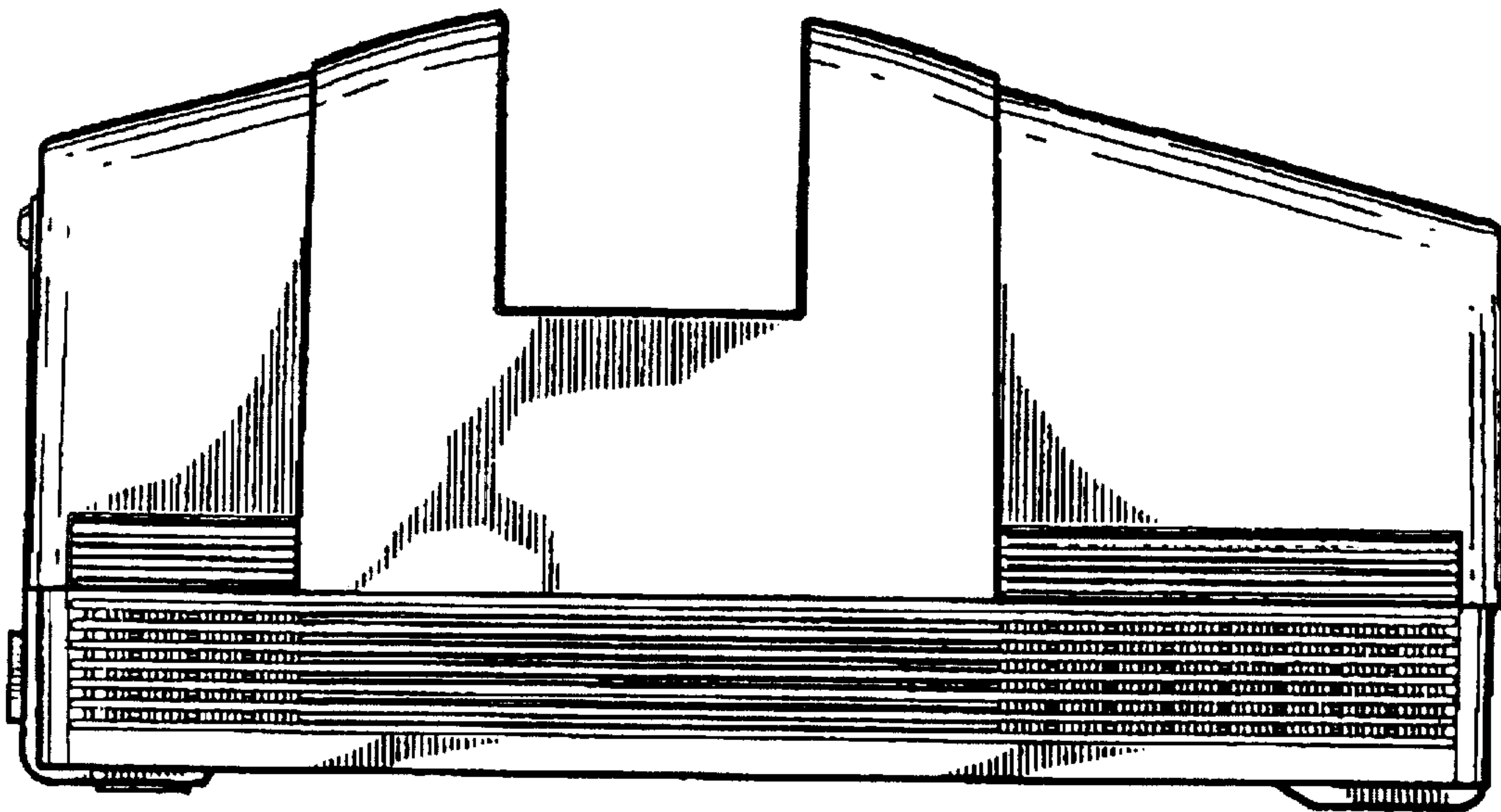


FIG. 6

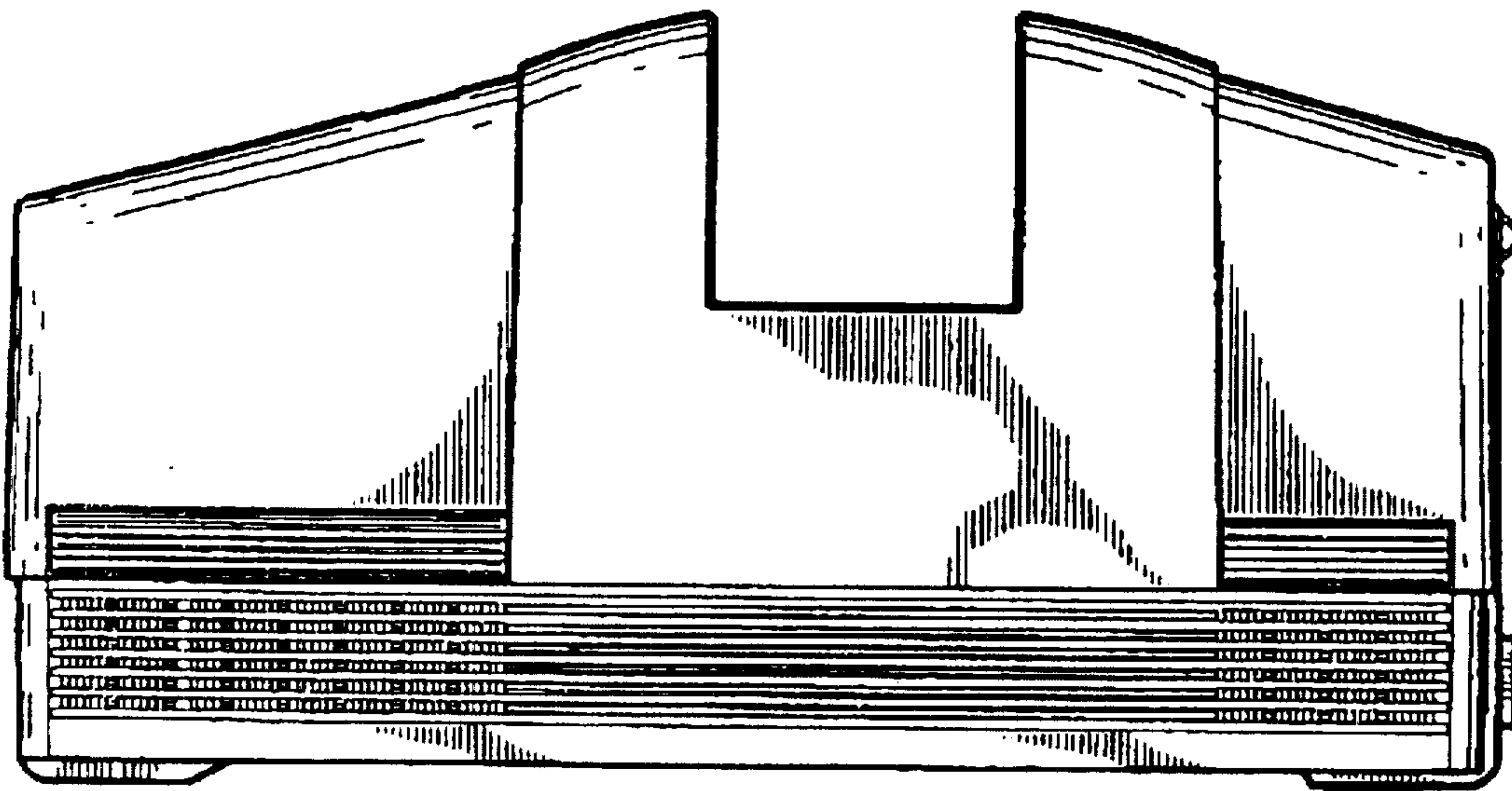


FIG. 7

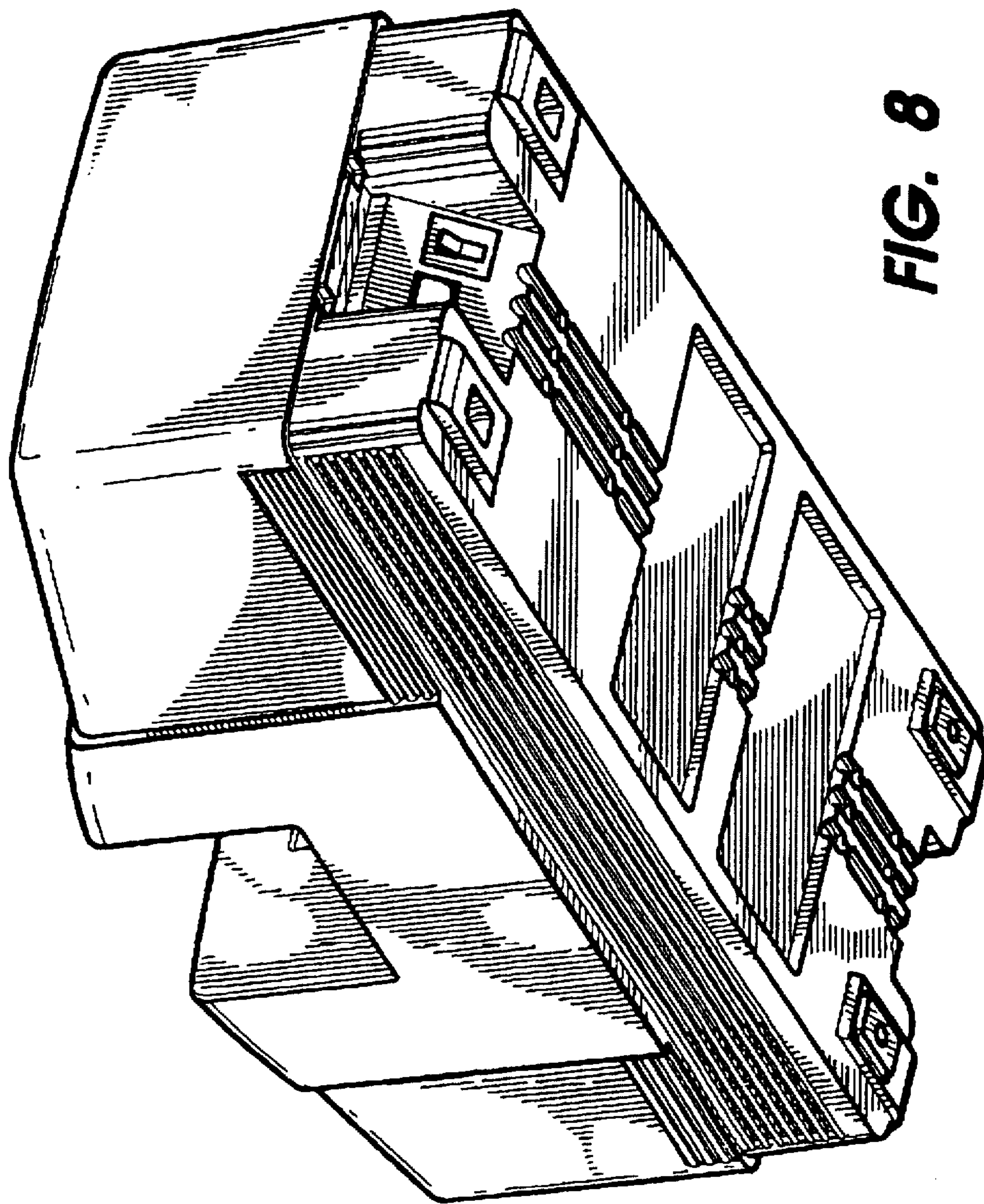


FIG. 8

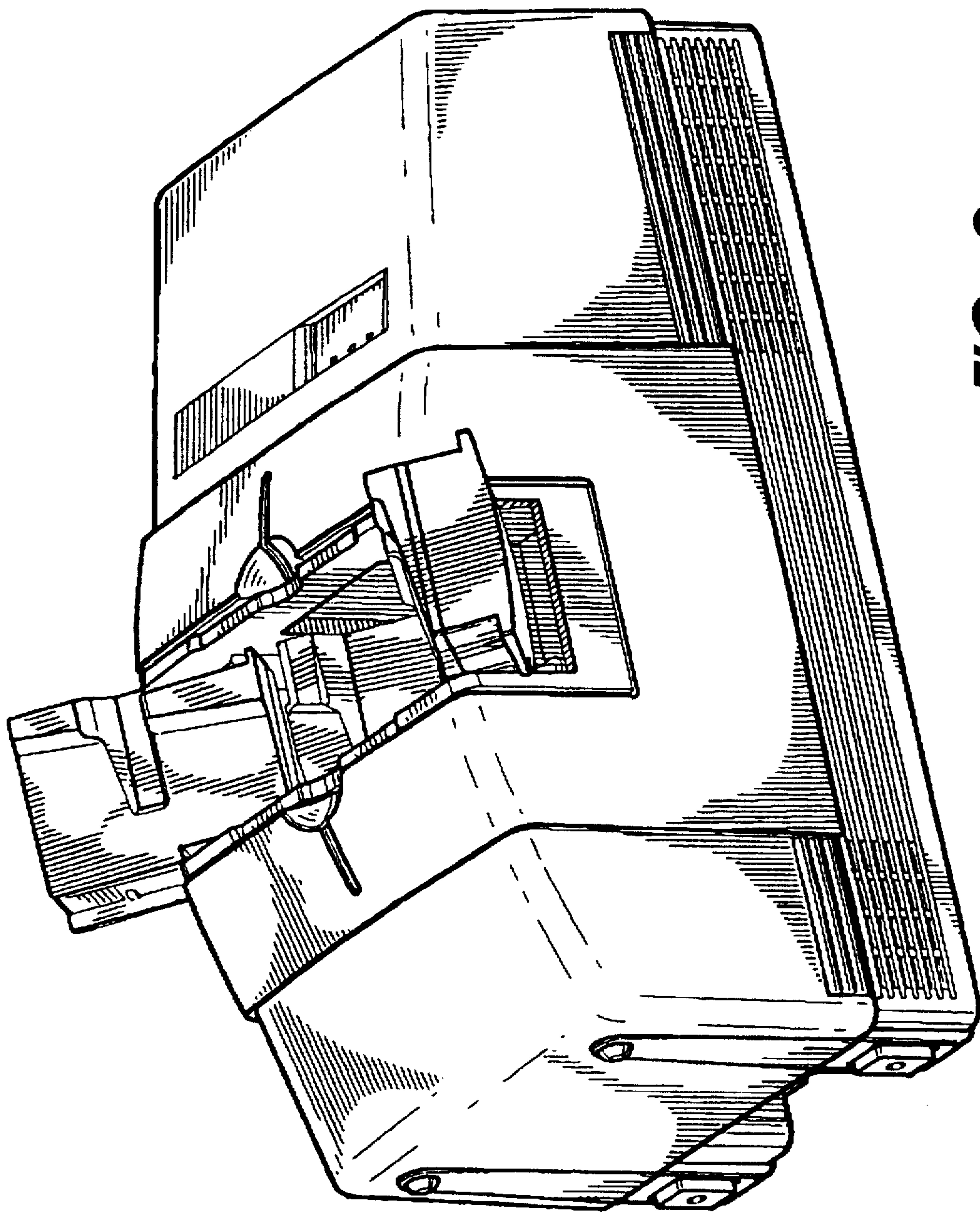


FIG. 9

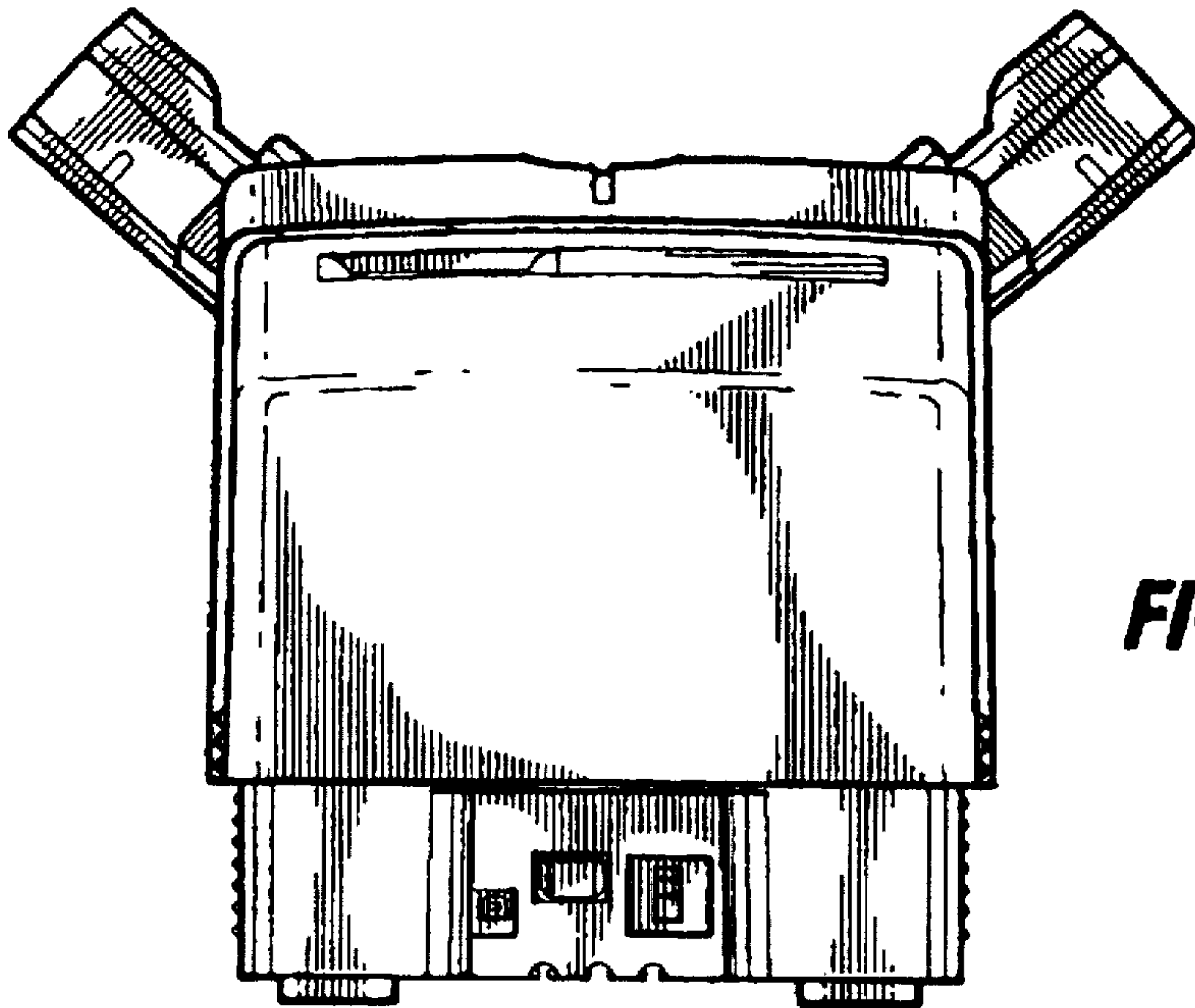


FIG. 10

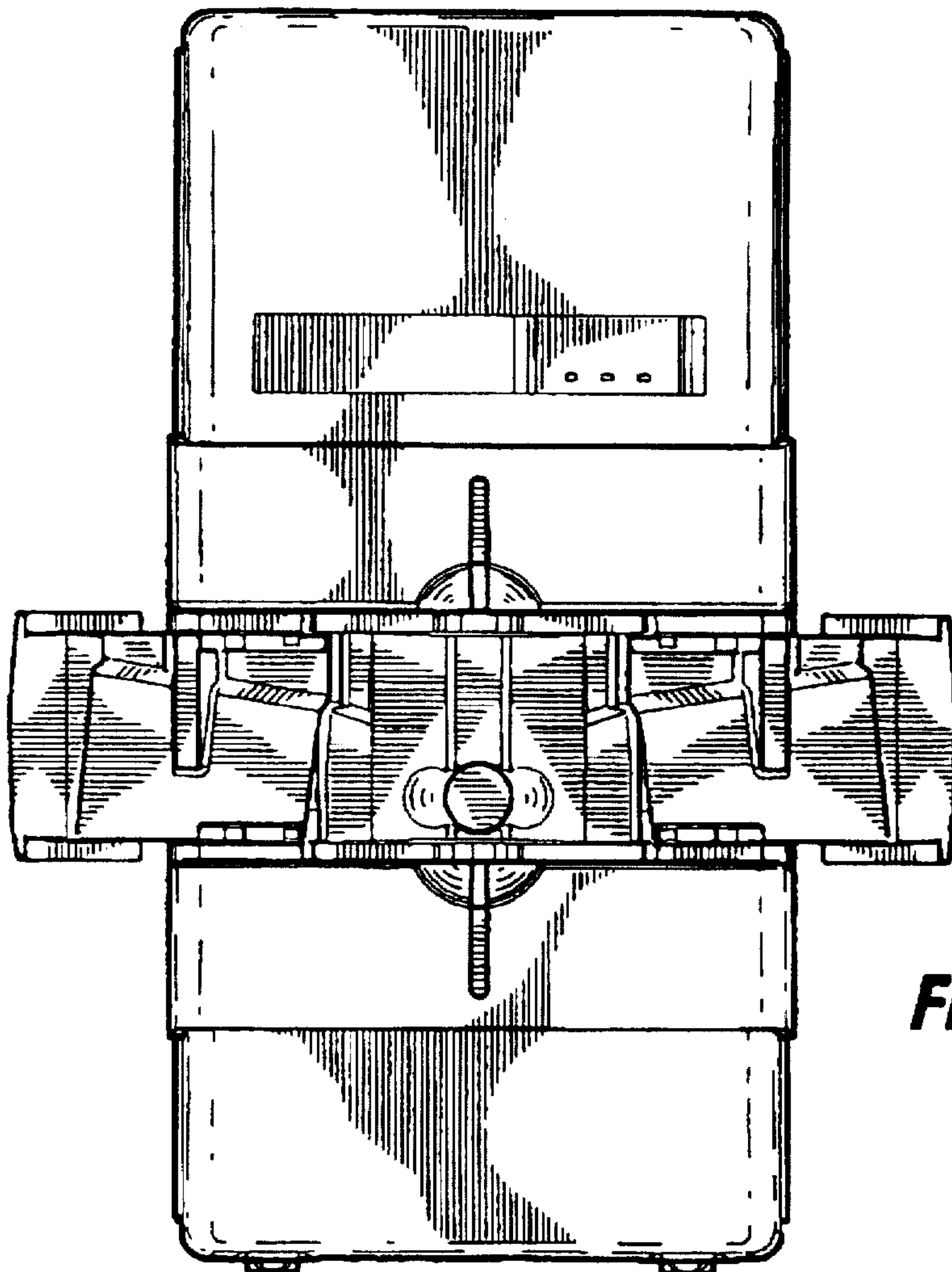


FIG. 11

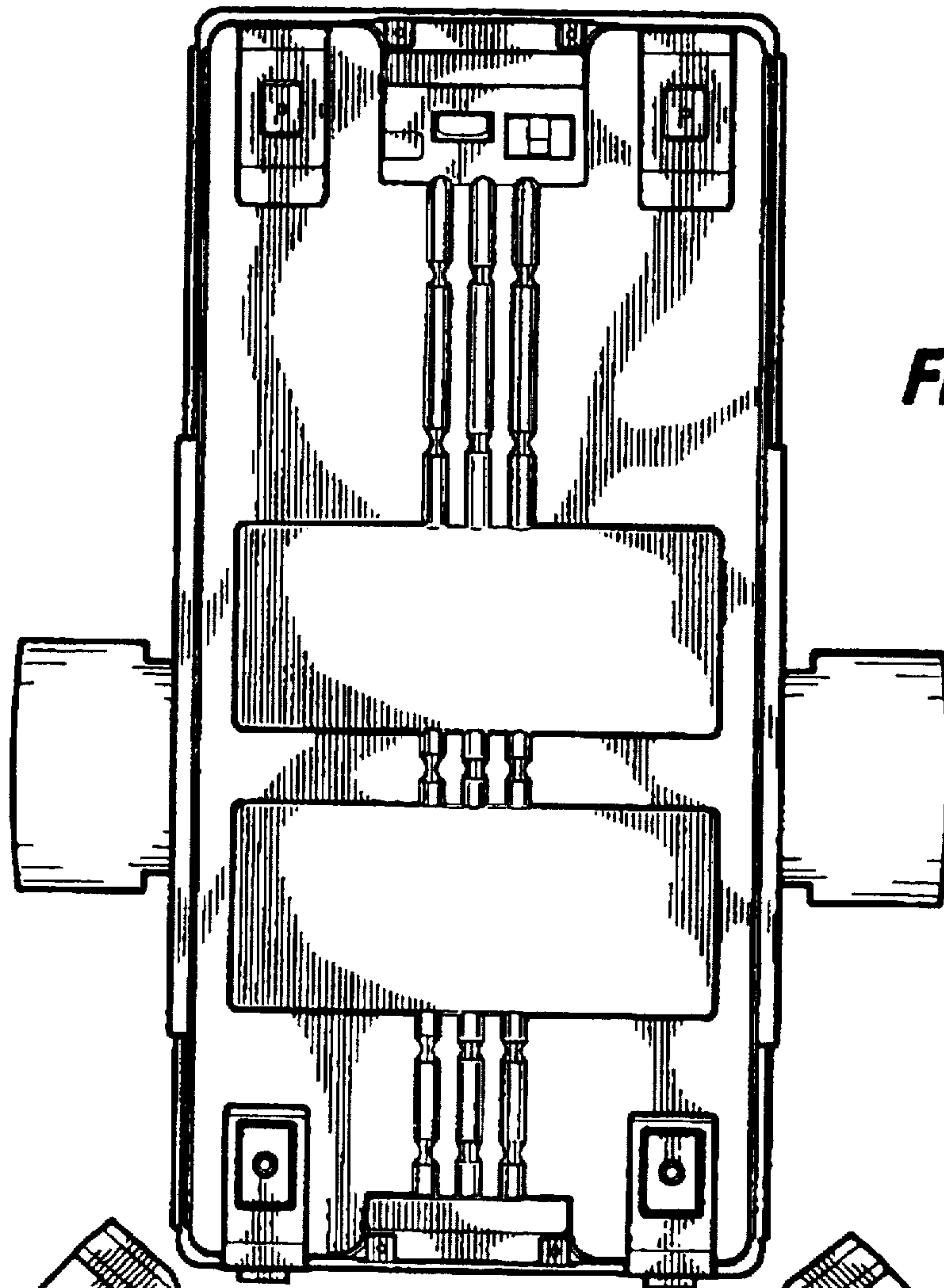


FIG. 12

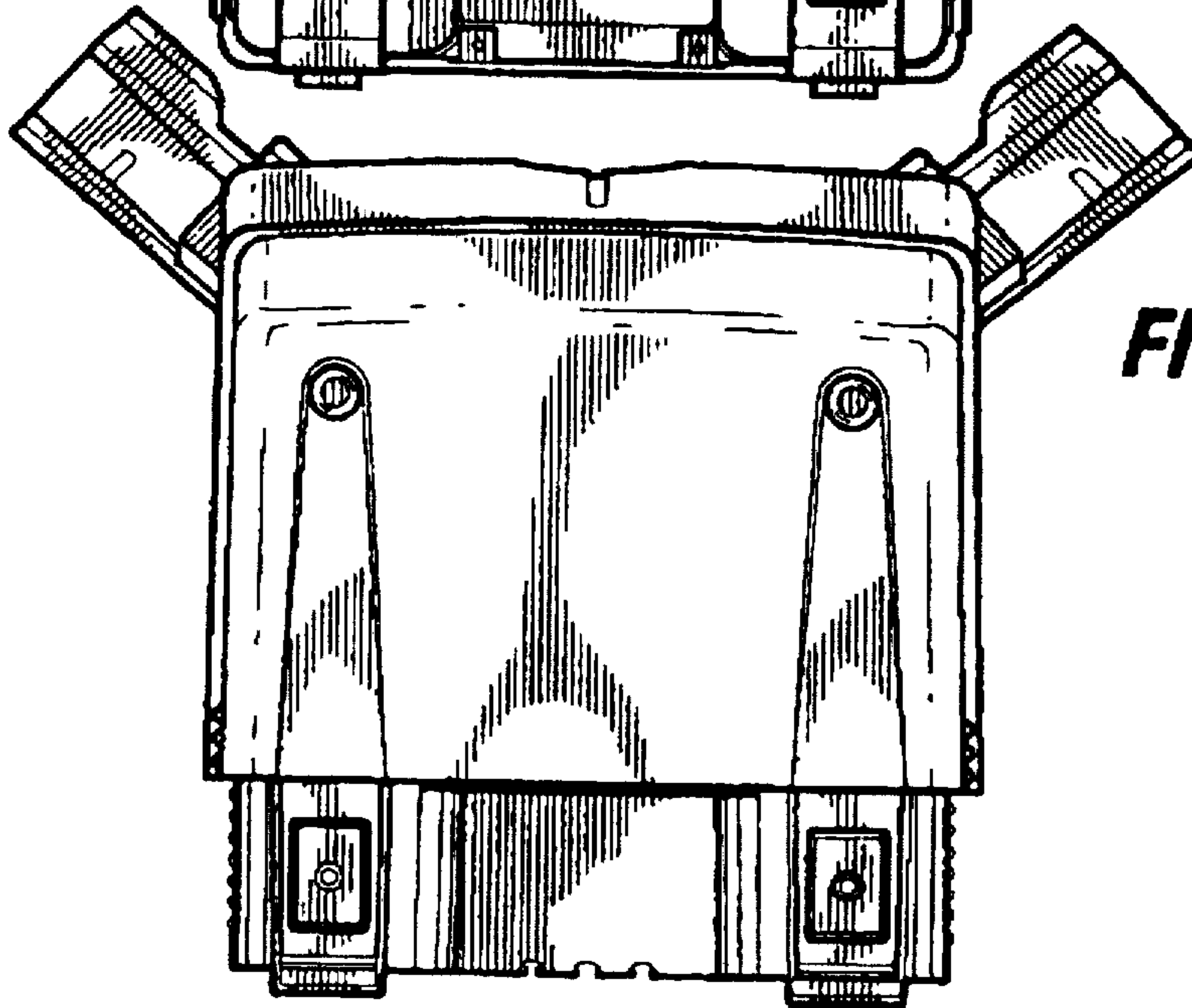


FIG. 13

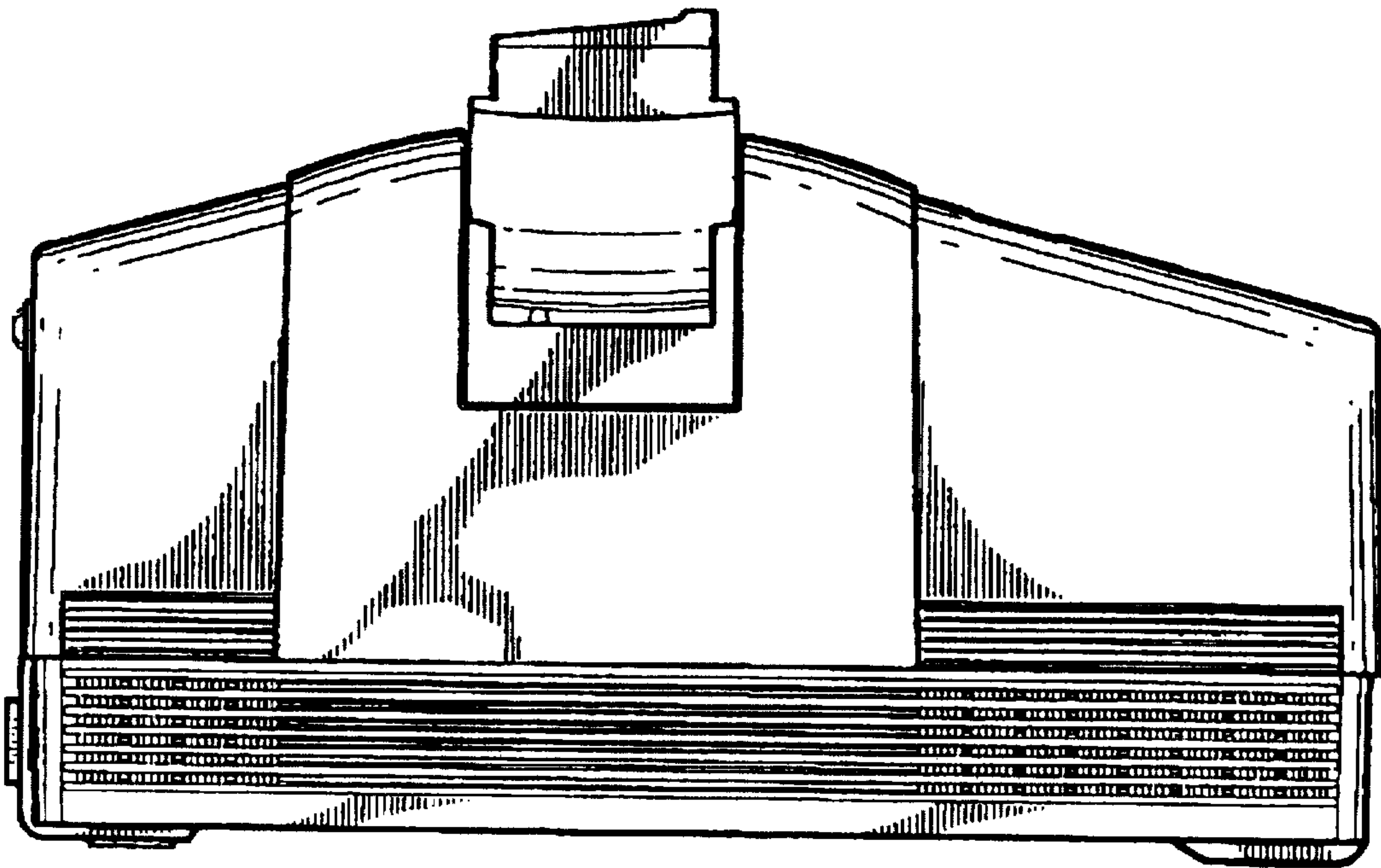


FIG. 14

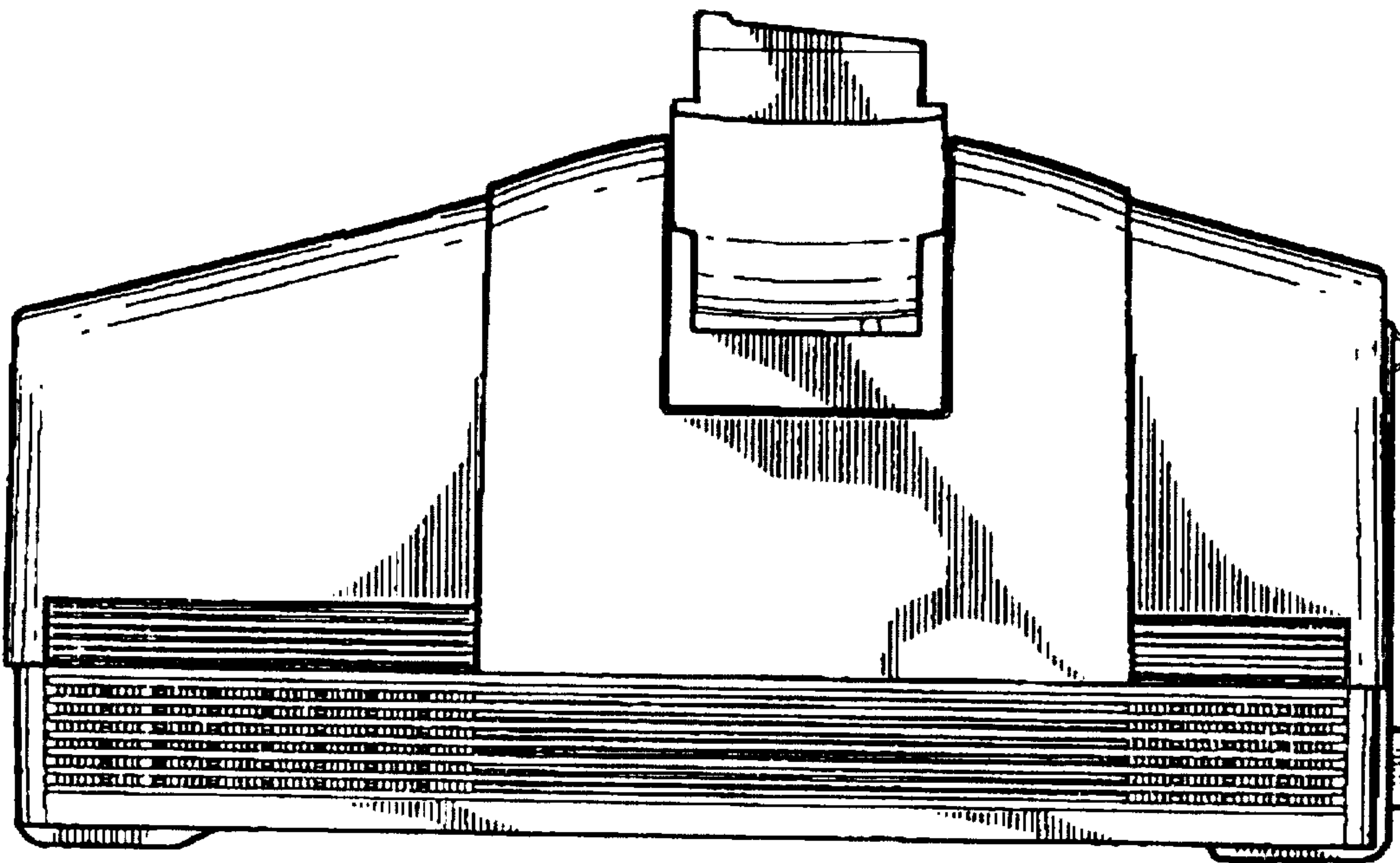


FIG. 15

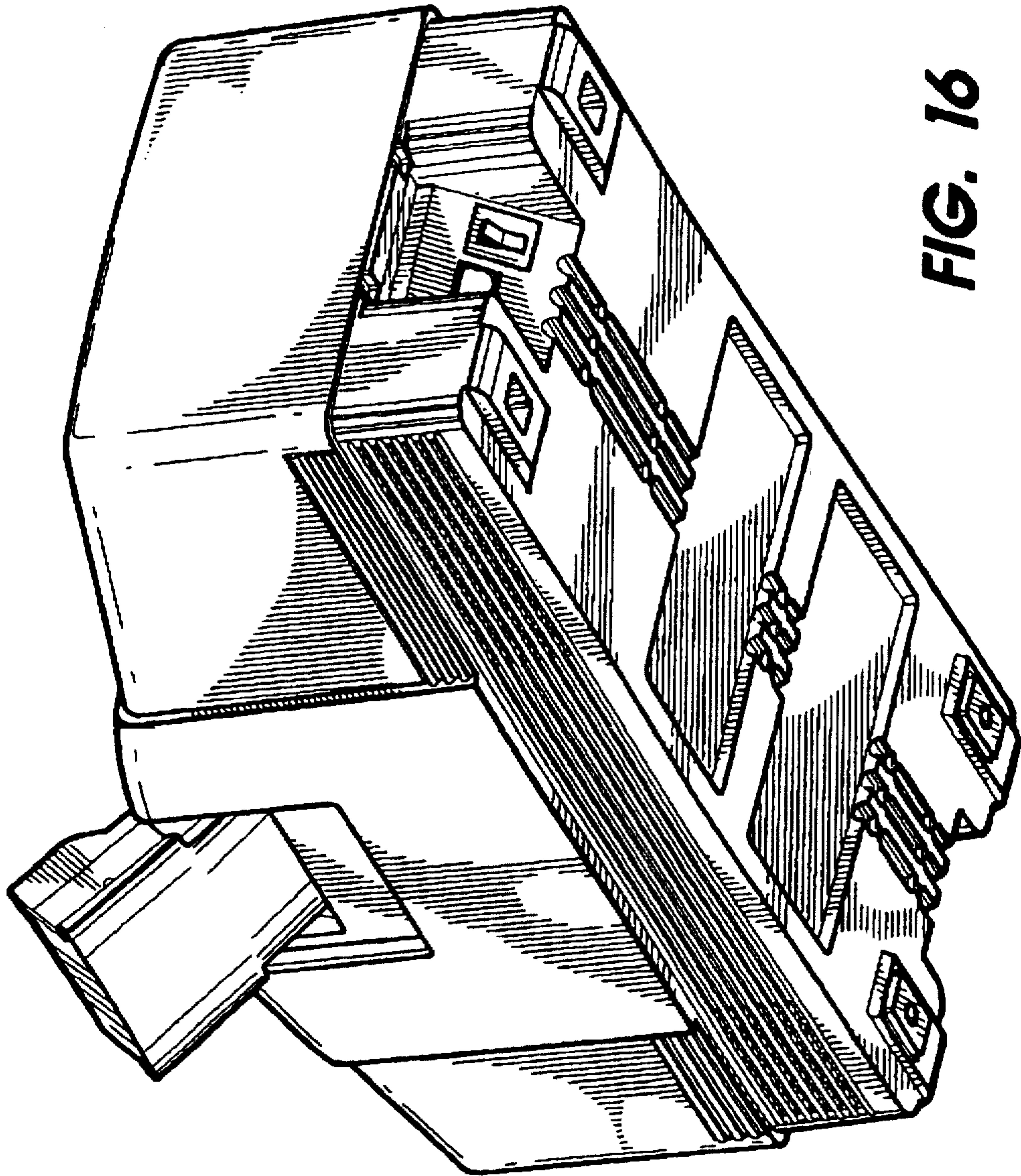


FIG. 16

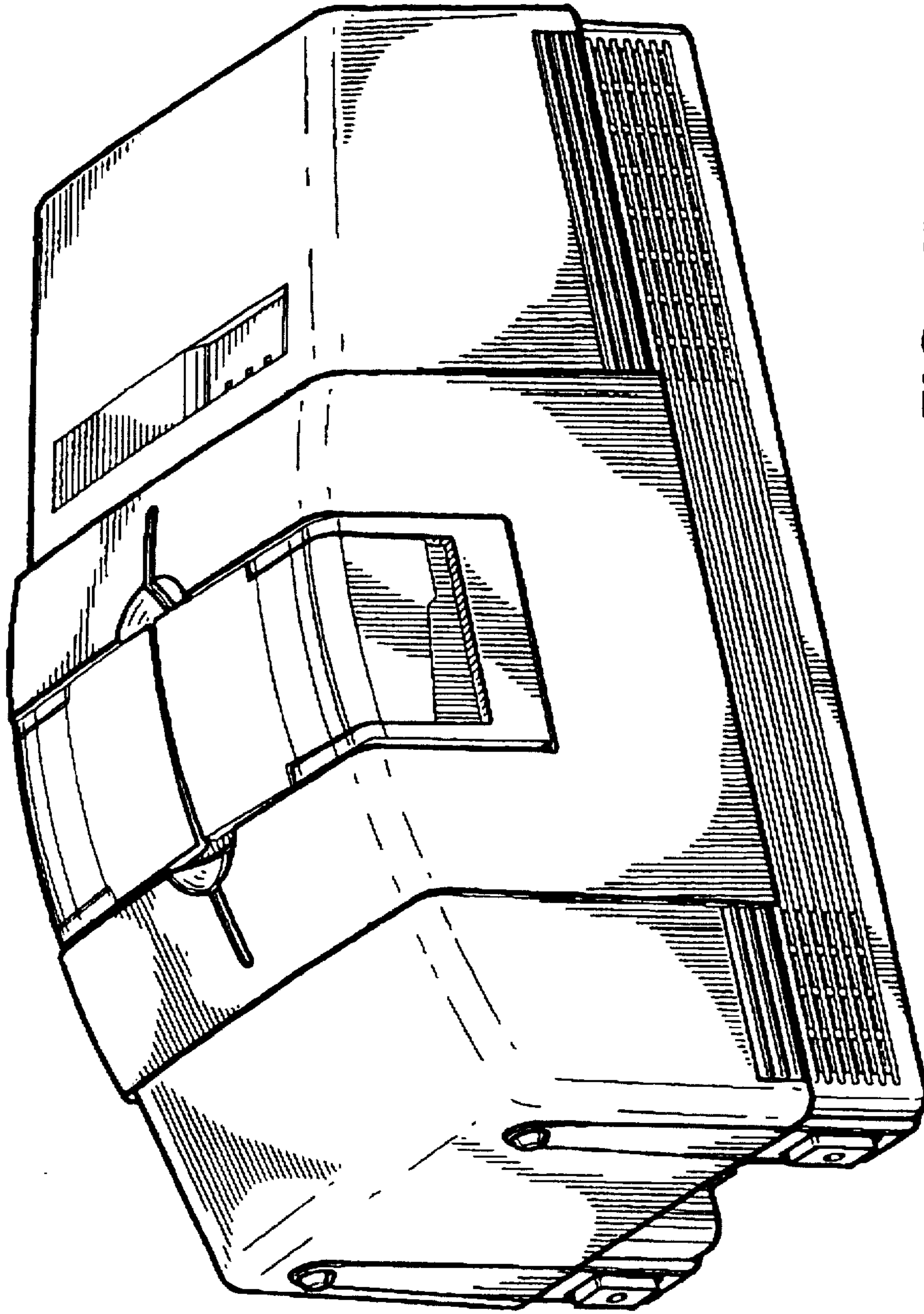


FIG. 17

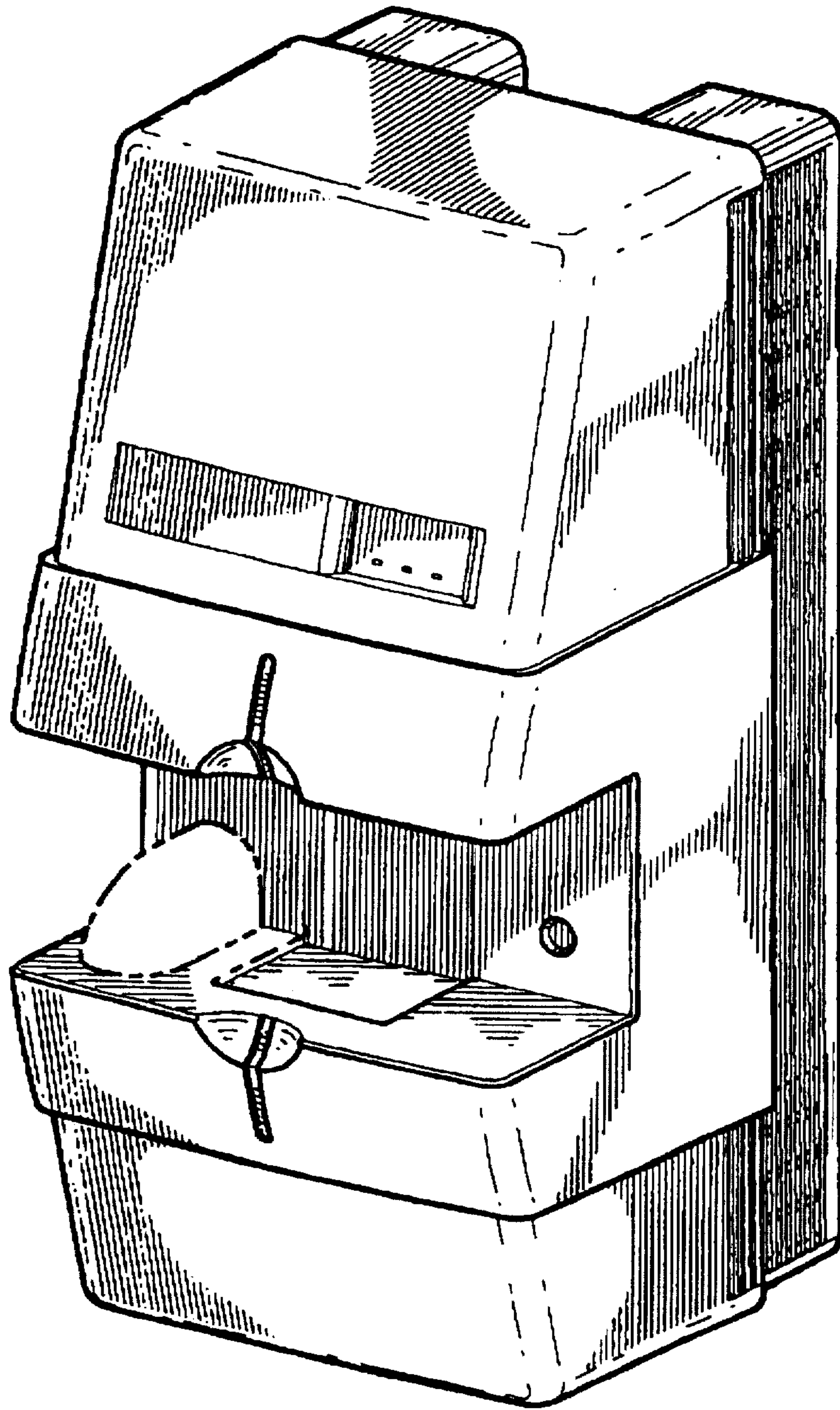


FIG. 18