US00D399963S

United States Patent [19]

Mazess et al.

[11] **Patent Number: Des. 399,963**

[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

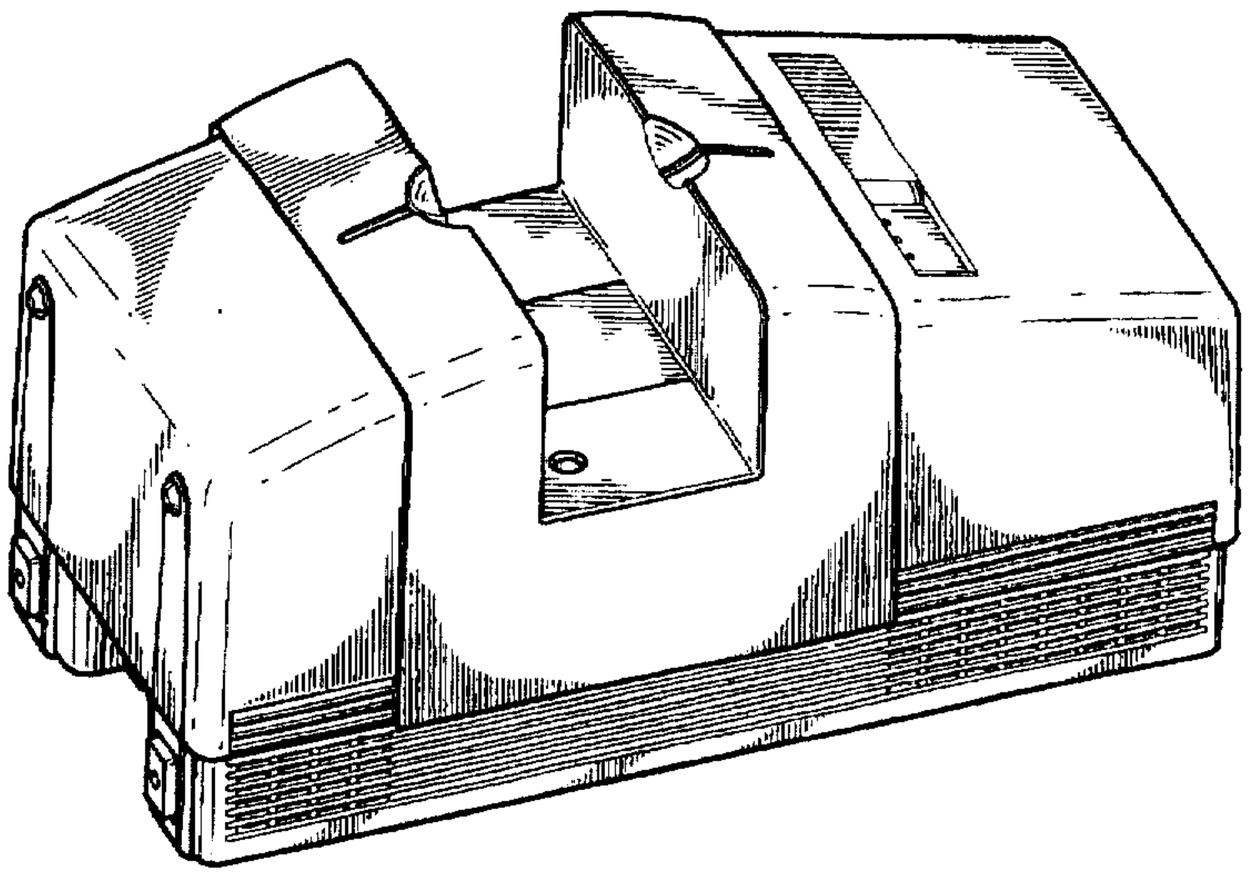
[57] **CLAIM**

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



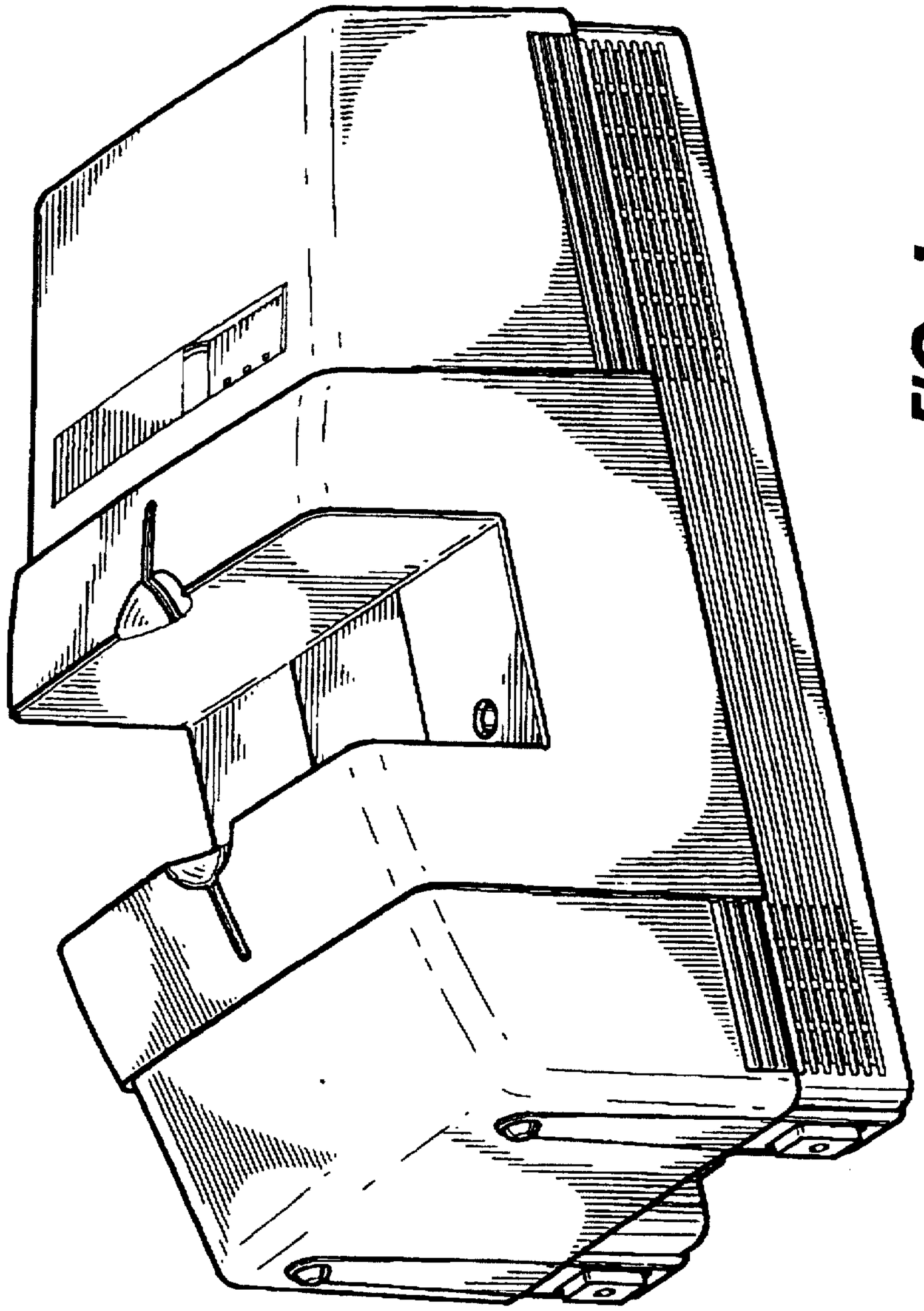


FIG. 1

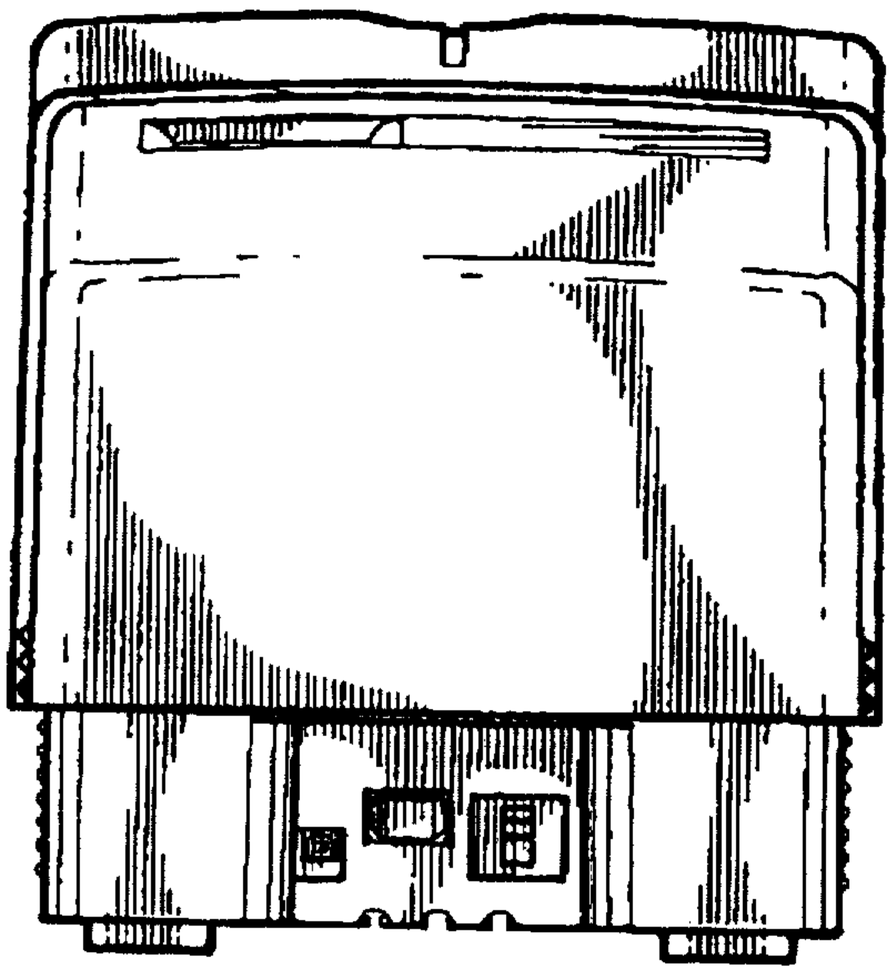


FIG. 2

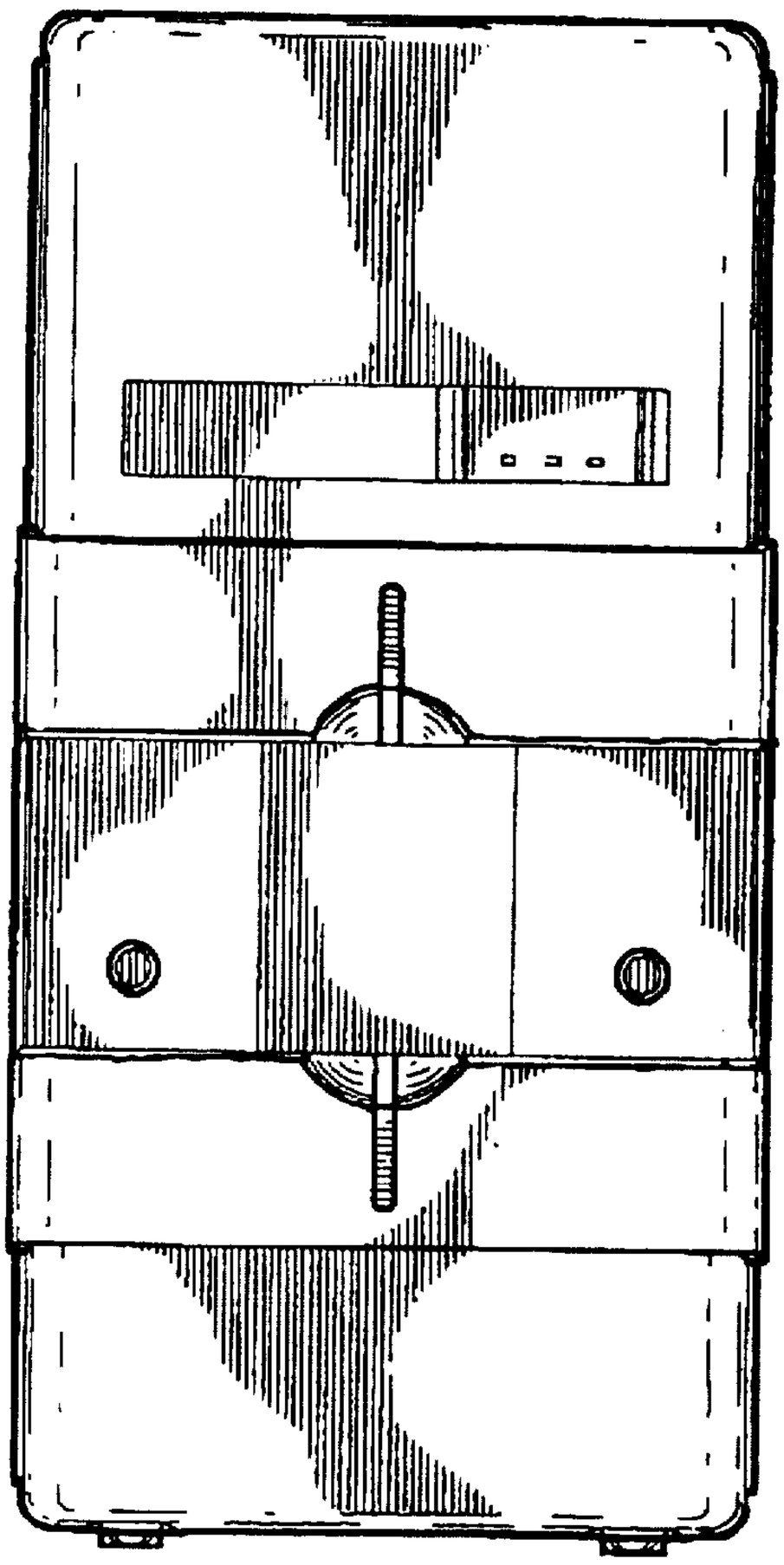


FIG. 3

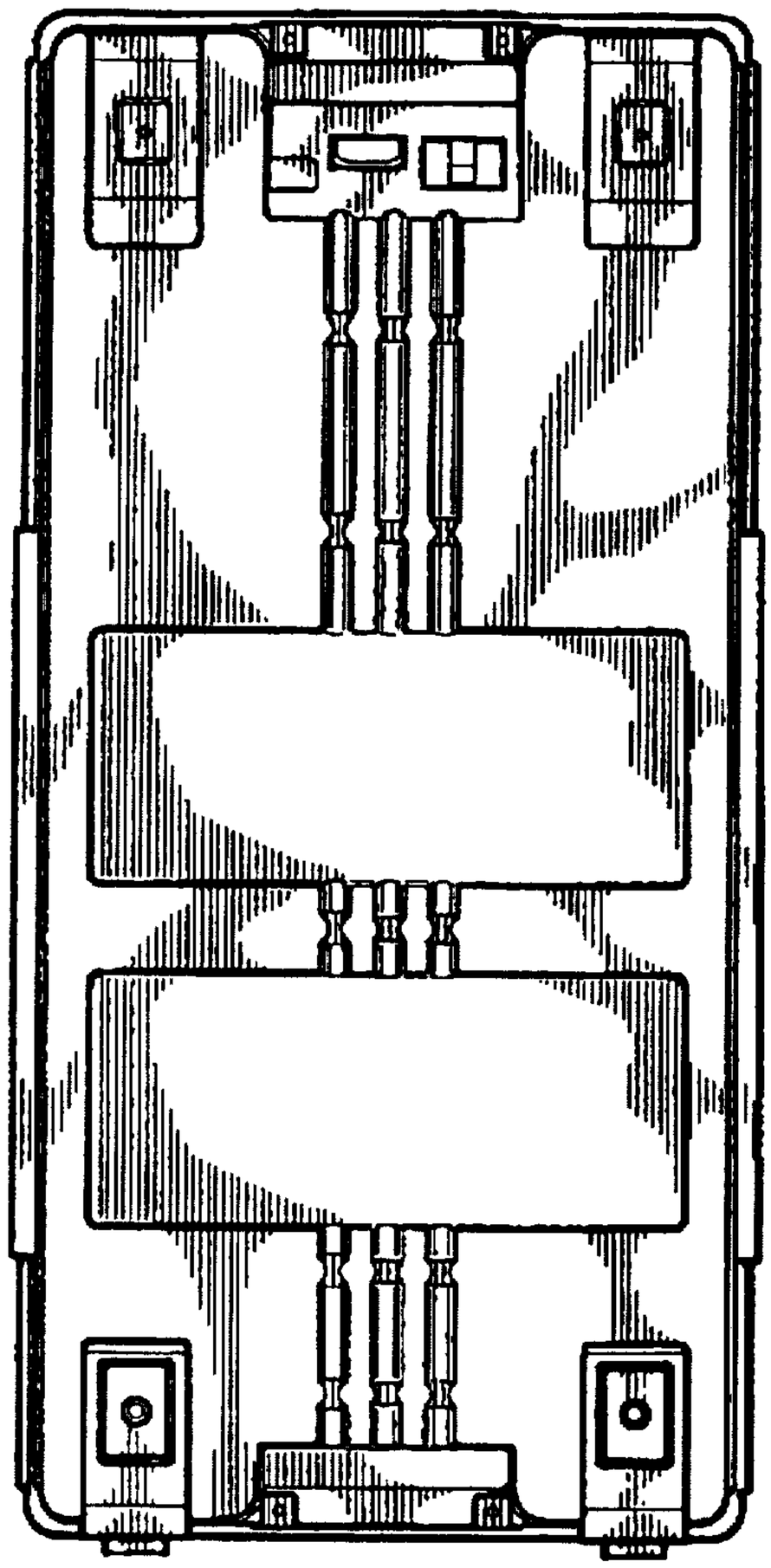


FIG. 4

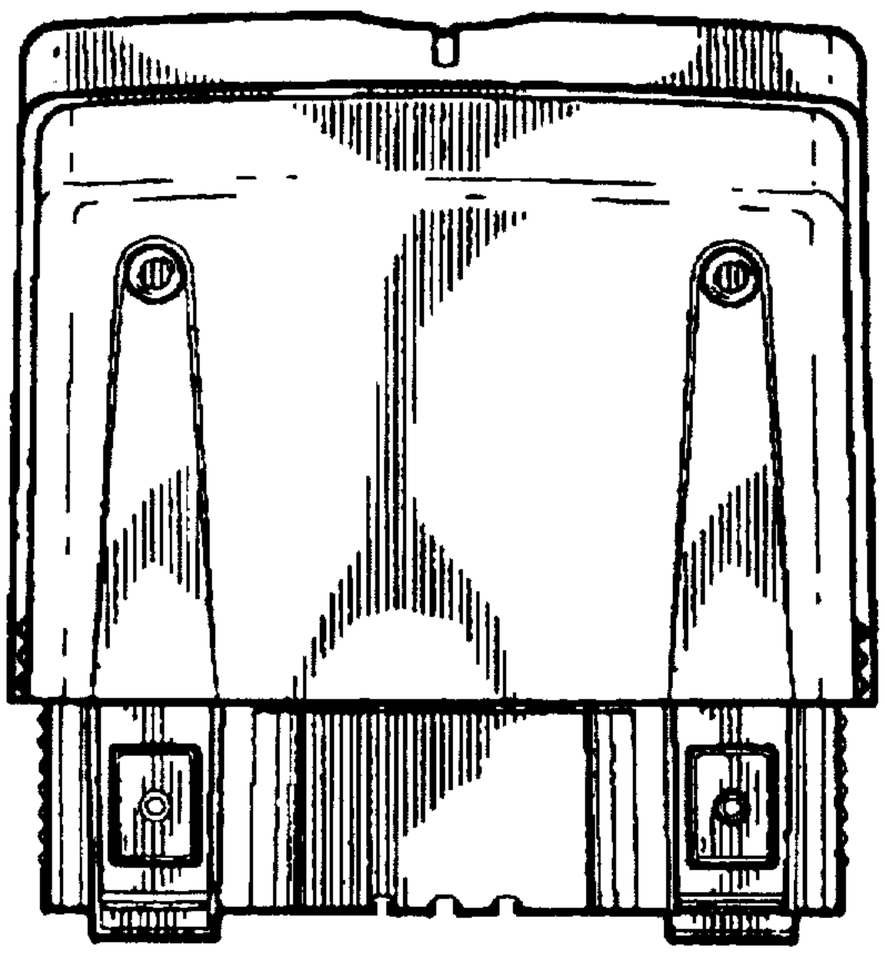


FIG. 5

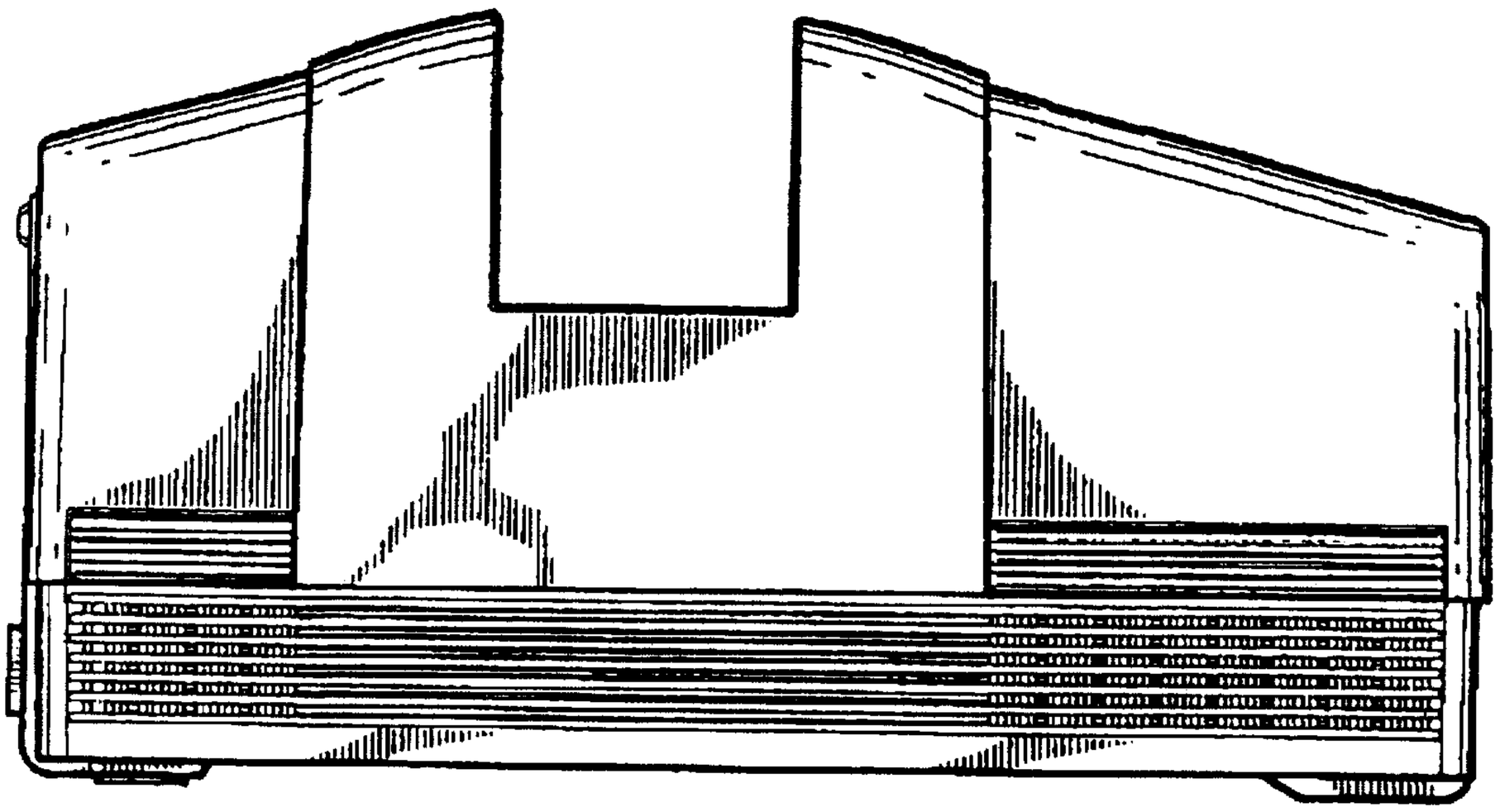


FIG. 6

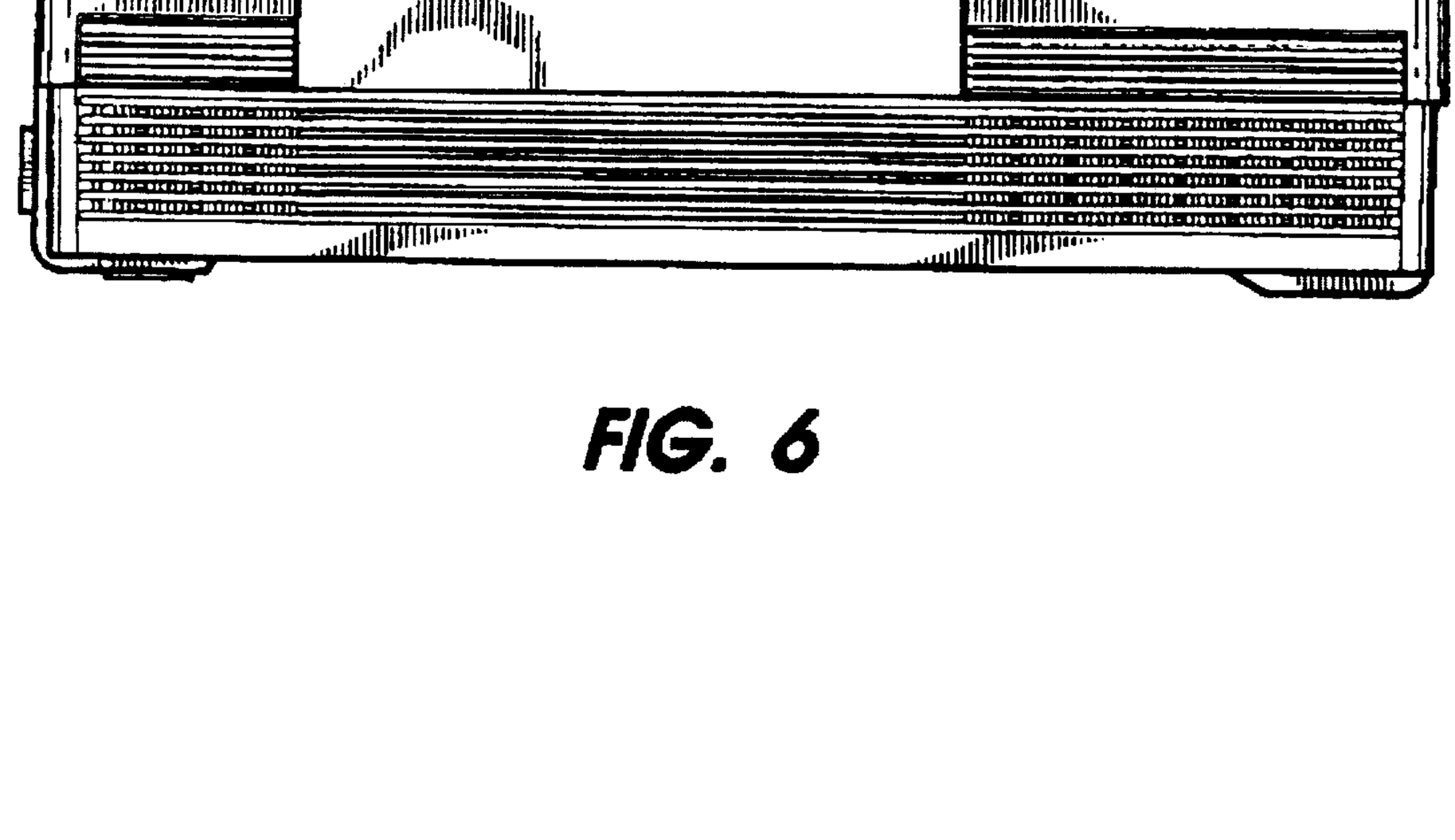


FIG. 7

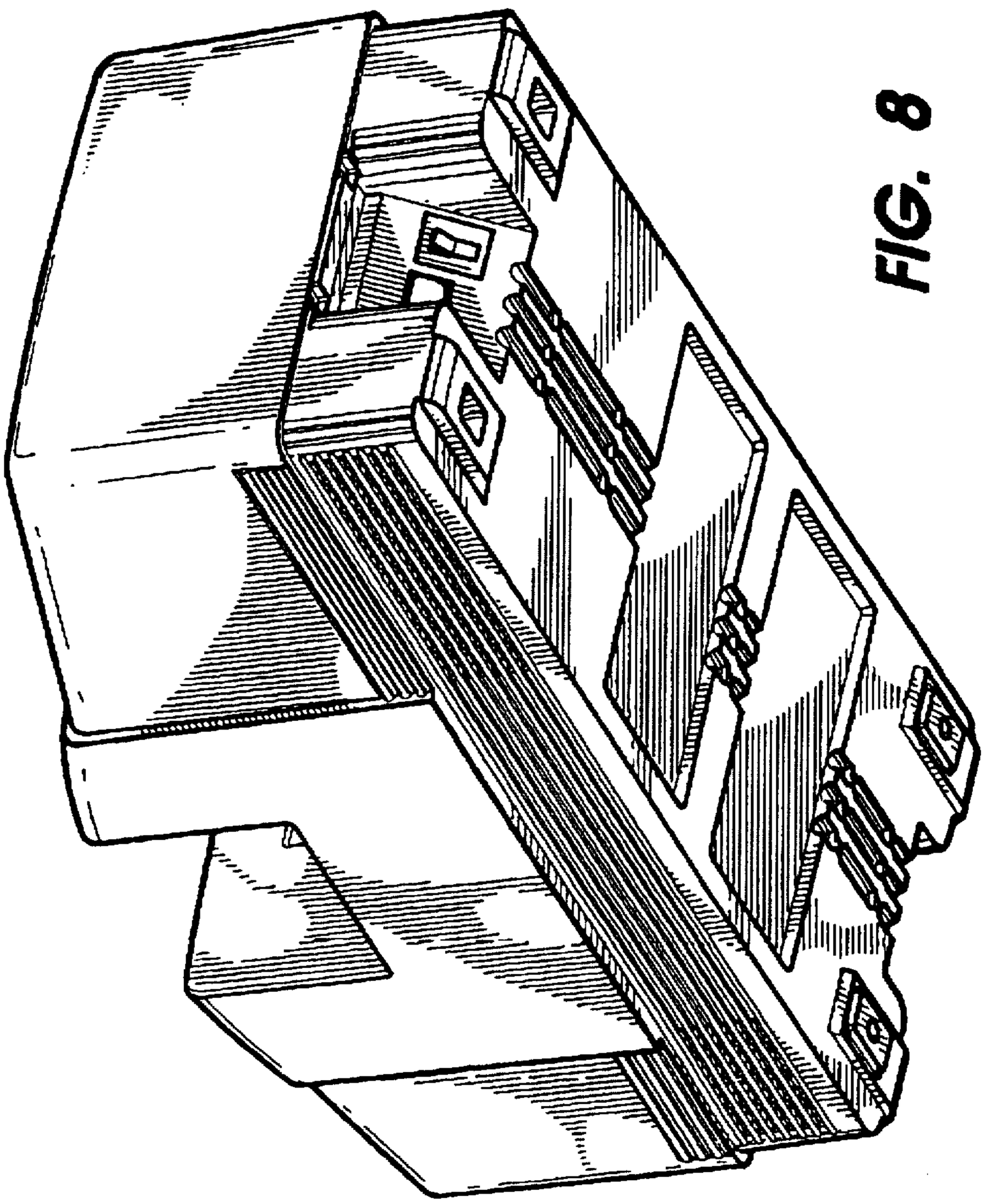


FIG. 8

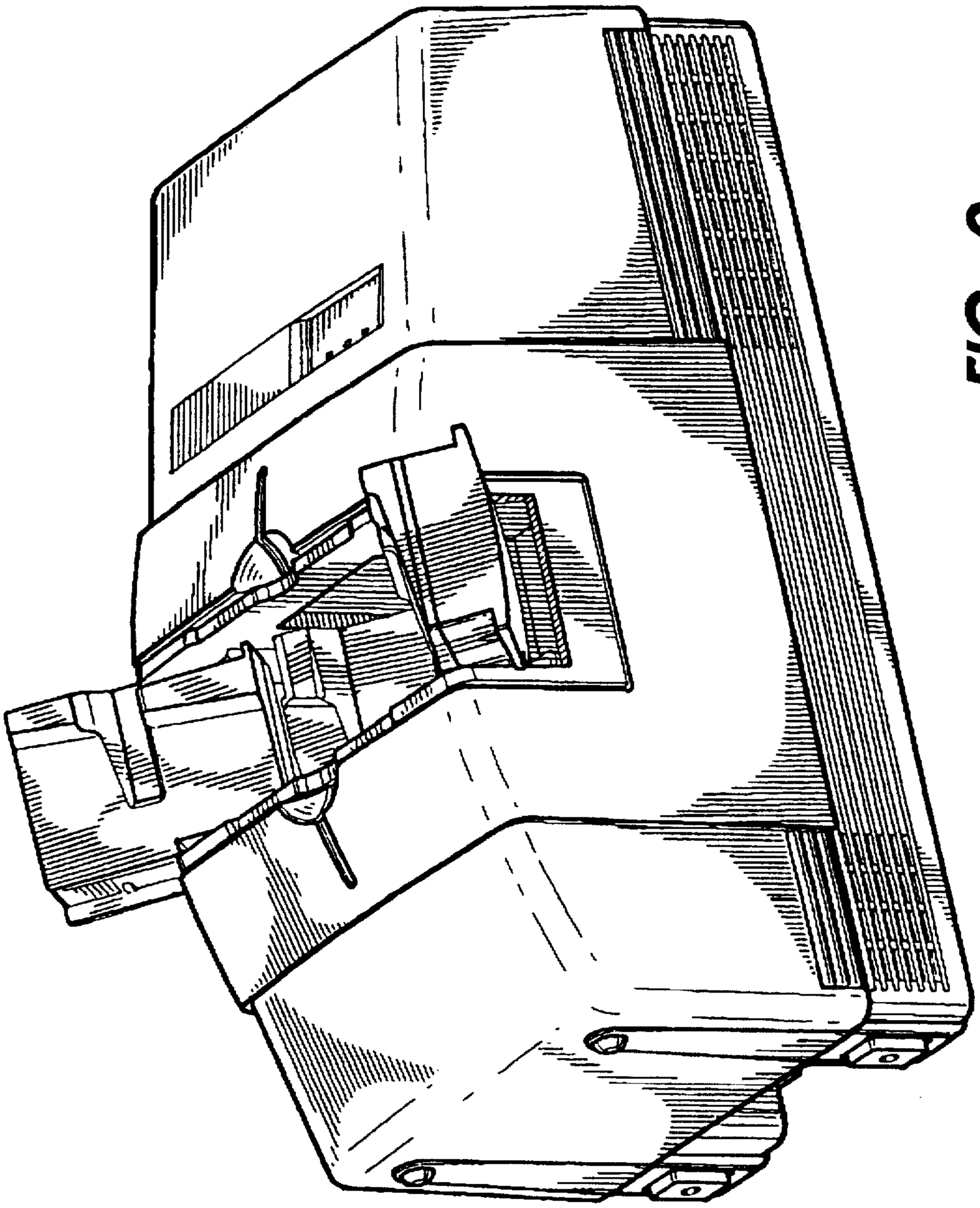


FIG. 9

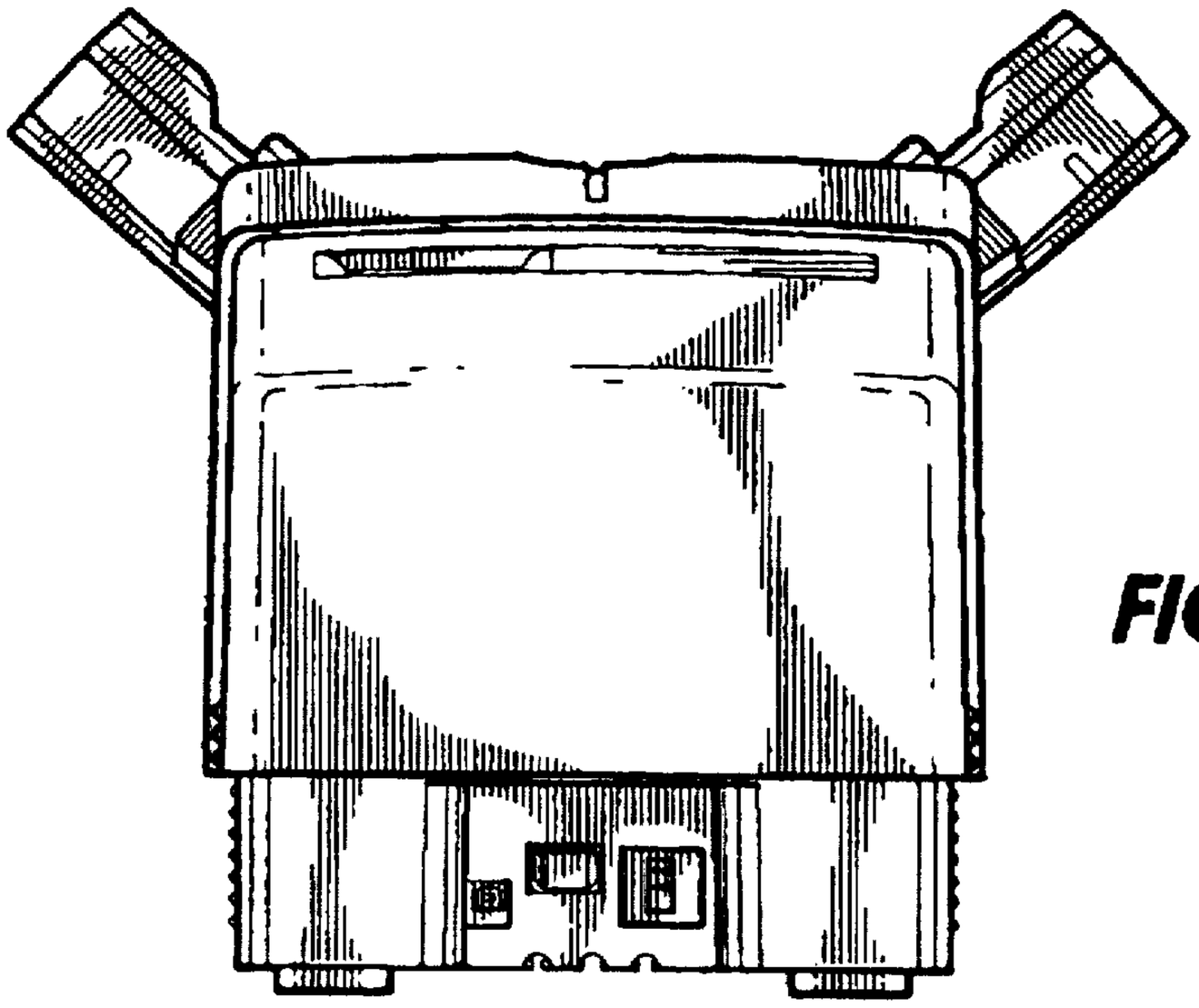


FIG. 10

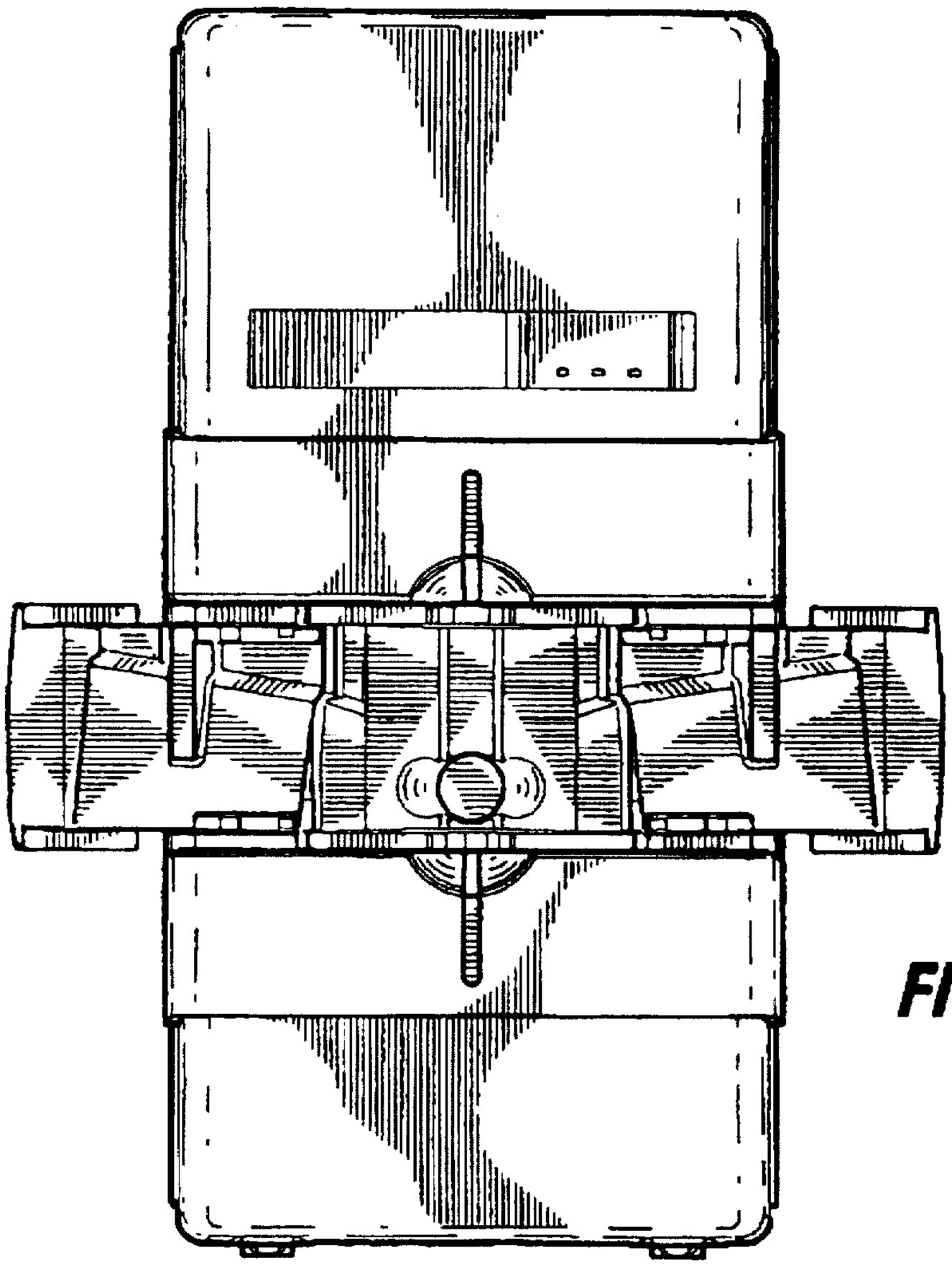


FIG. 11

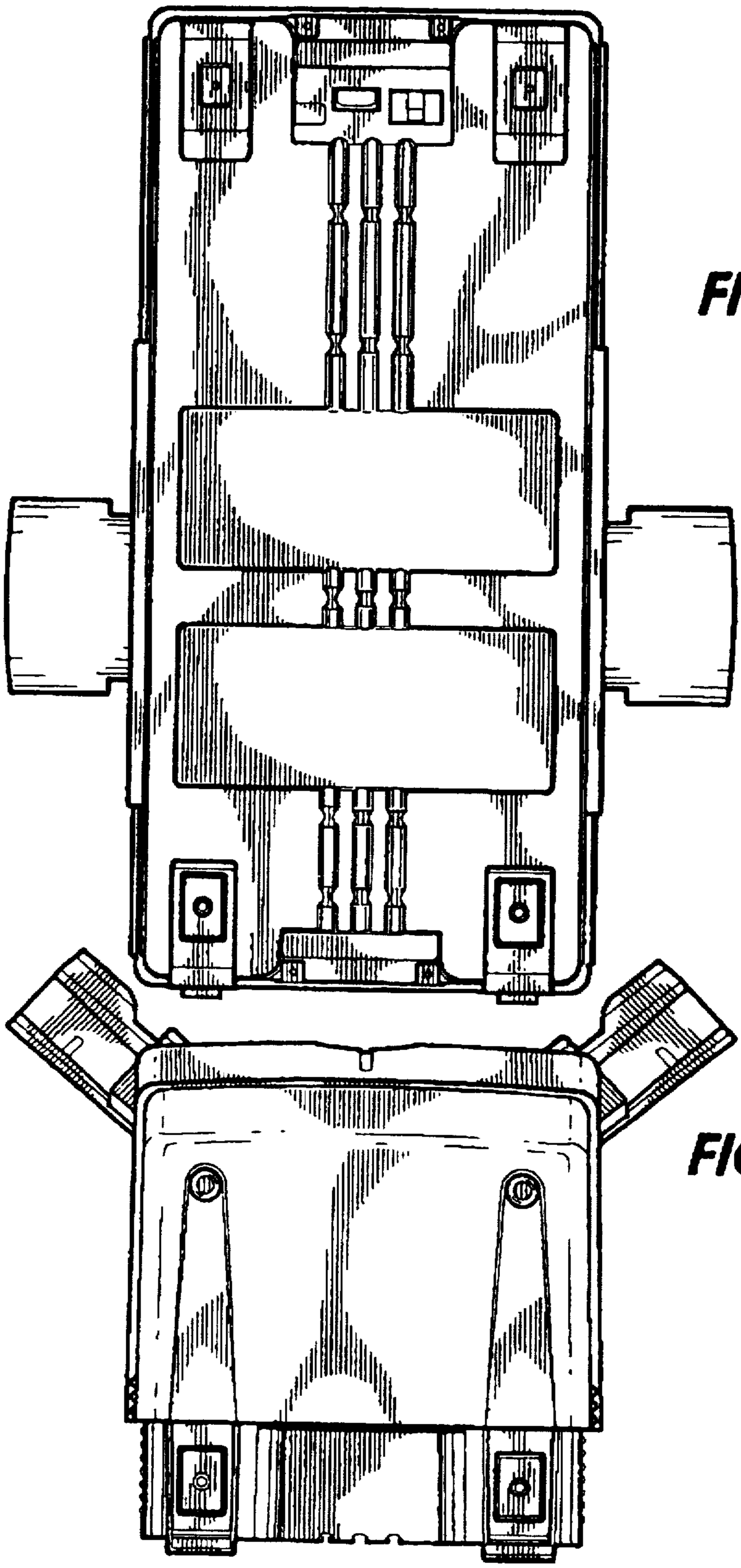


FIG. 12

FIG. 13

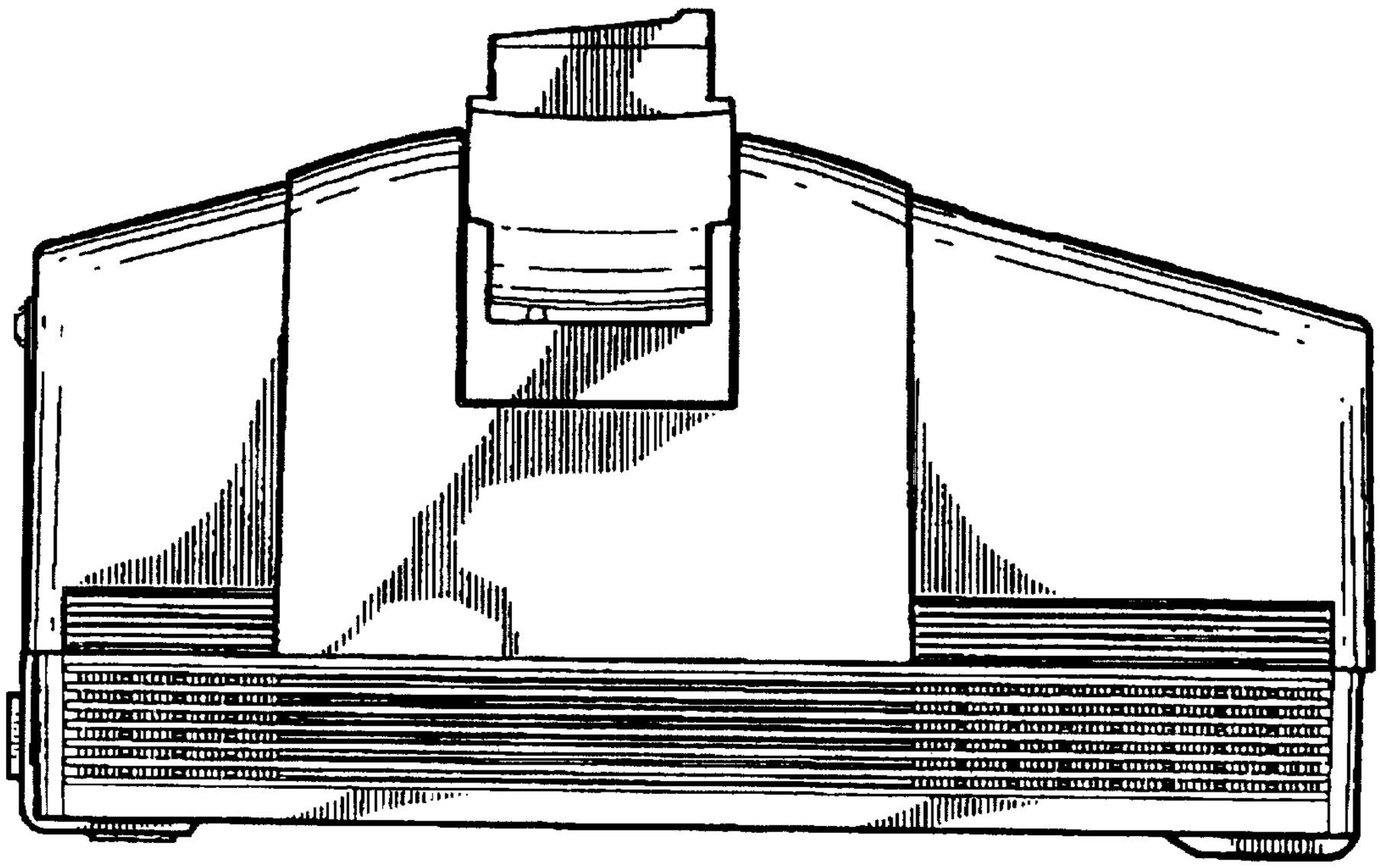


FIG. 14

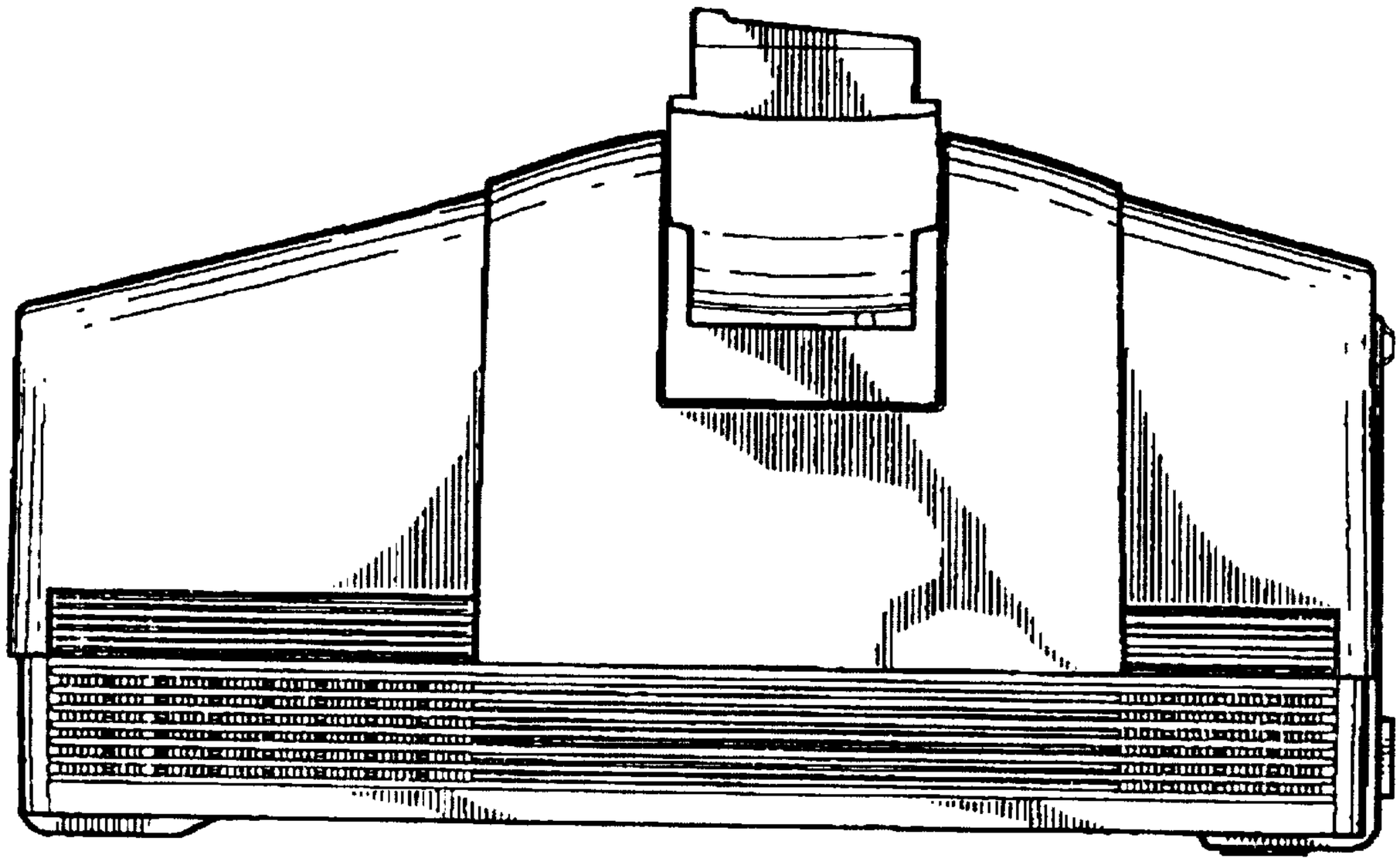


FIG. 15

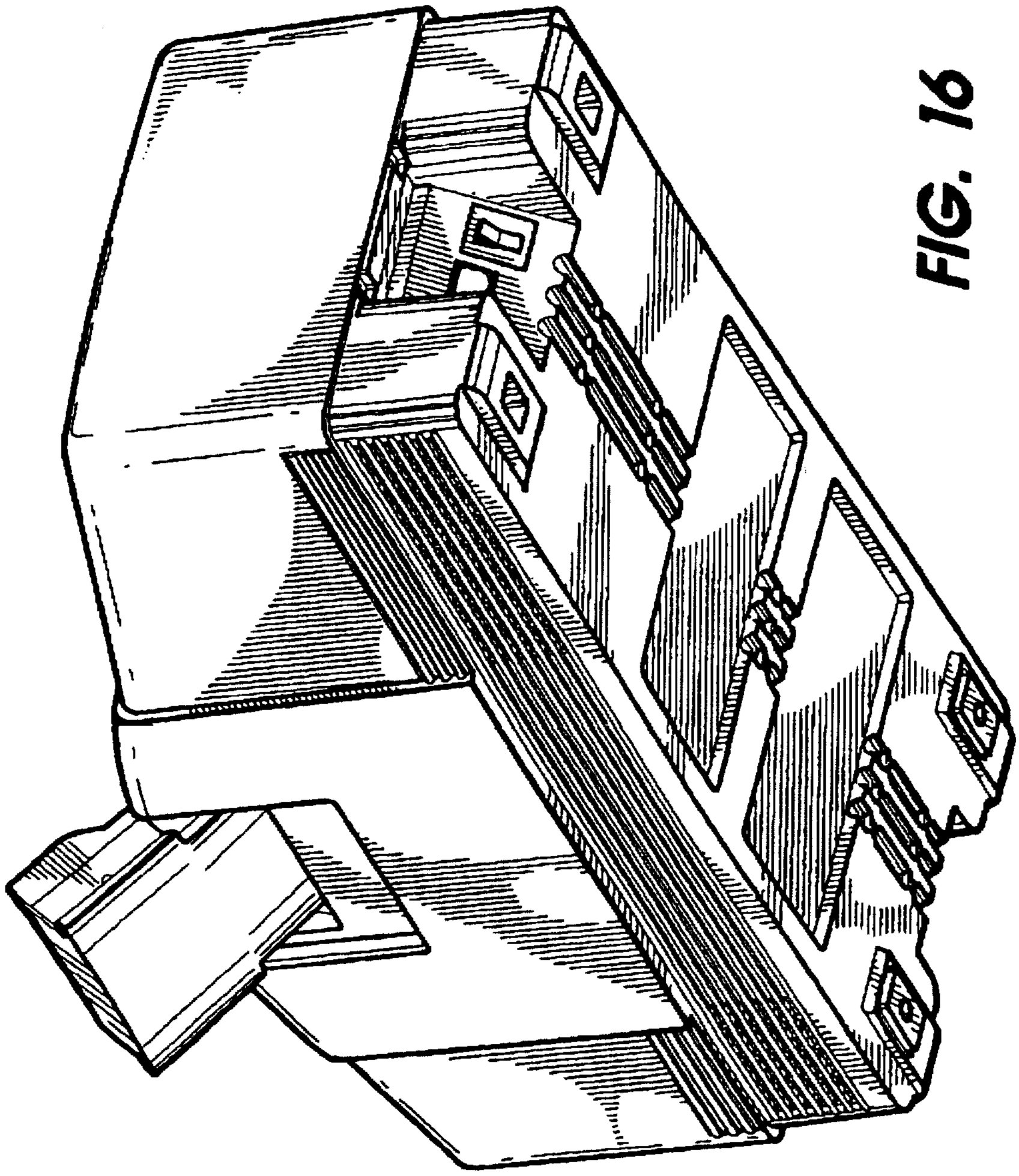


FIG. 16

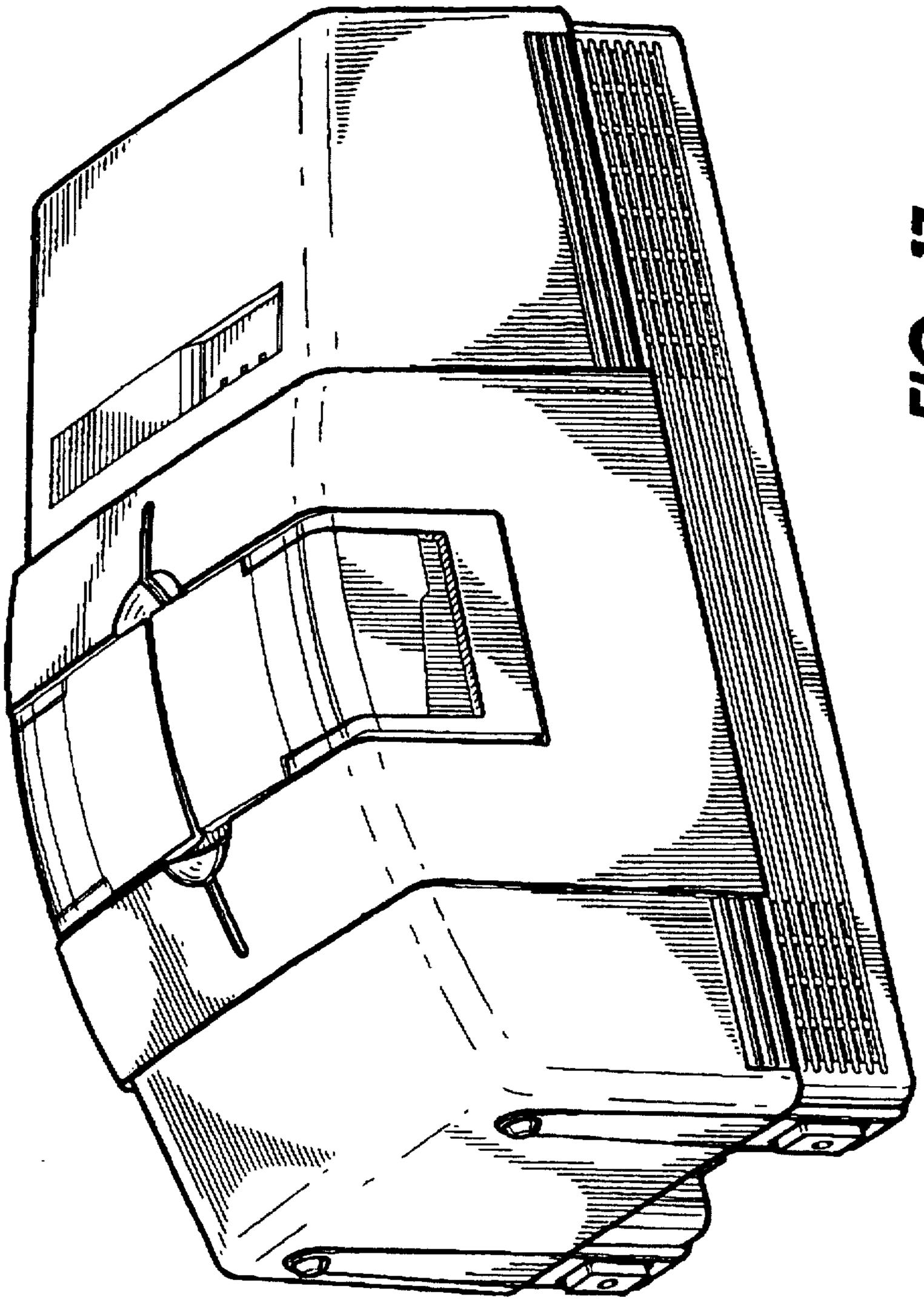


FIG. 17

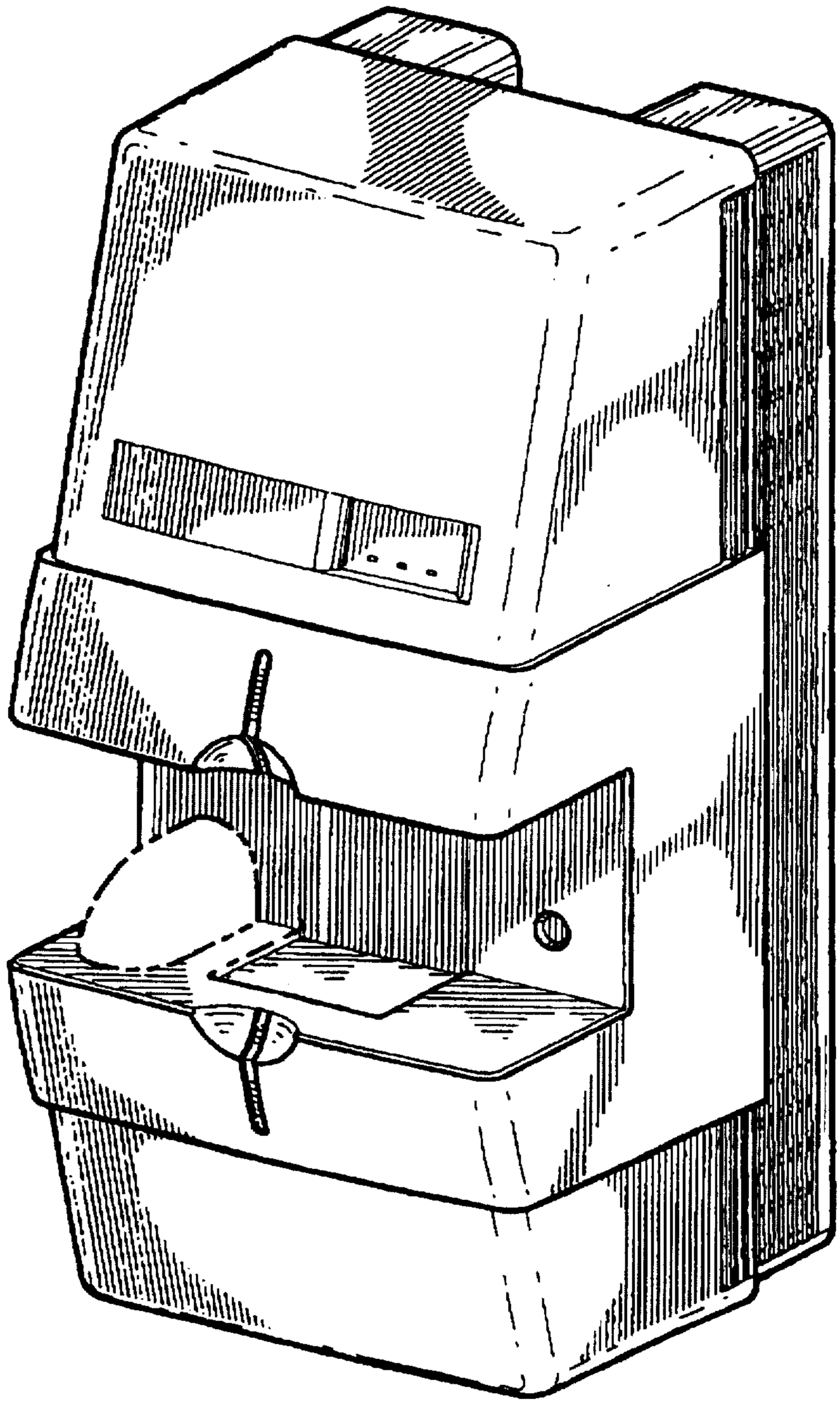


FIG. 18