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United States Patent [19]

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Acciaioli et al.

[45] Date of Patent: **** Apr. 11, 1995**

[54] **TAPE AUTOMATION SYSTEM**

[75] Inventors: **John V. Acciaioli; Hartmut E. Hausler; Chester D. Holden; Martin J. Marotti; Scott M. Rockwell; Terry R. Roscoe; Roland Zapfe**, all of Tucson, Ariz.

[73] Assignee: **International Business Machines Corporation**, Armonk, N.Y.

[**] Term: **14 Years**

[21] Appl. No.: **6,969**

[22] Filed: **Apr. 12, 1993**

[52] U.S. Cl. **D14/108; D14/107**

[58] Field of Search **D14/100, 102, 107, 108, D14/109, 240; D13/162, 184, 199; 360/97.01, 97.04, 98.01, 99.01, 99.12, 92; 361/622, 600, 724-728; 364/478; 369/34, 36, 75.1, 32, 33**

[56] **References Cited**

U.S. PATENT DOCUMENTS

- D. 241,447 9/1976 Clowe D14/107
- D. 333,817 3/1993 Morotti D14/109
- D. 334,556 4/1993 Bolden et al. D14/109

- D. 334,919 4/1993 Hammar et al. D14/109
- 4,817,071 3/1989 Carlson et al. 369/33
- 4,984,106 1/1991 Herger et al. 360/92
- 5,056,073 10/1991 Fitzgerald et al. 369/36

Primary Examiner—Freda S. Nunn
Attorney, Agent, or Firm—D. A. Shifrin

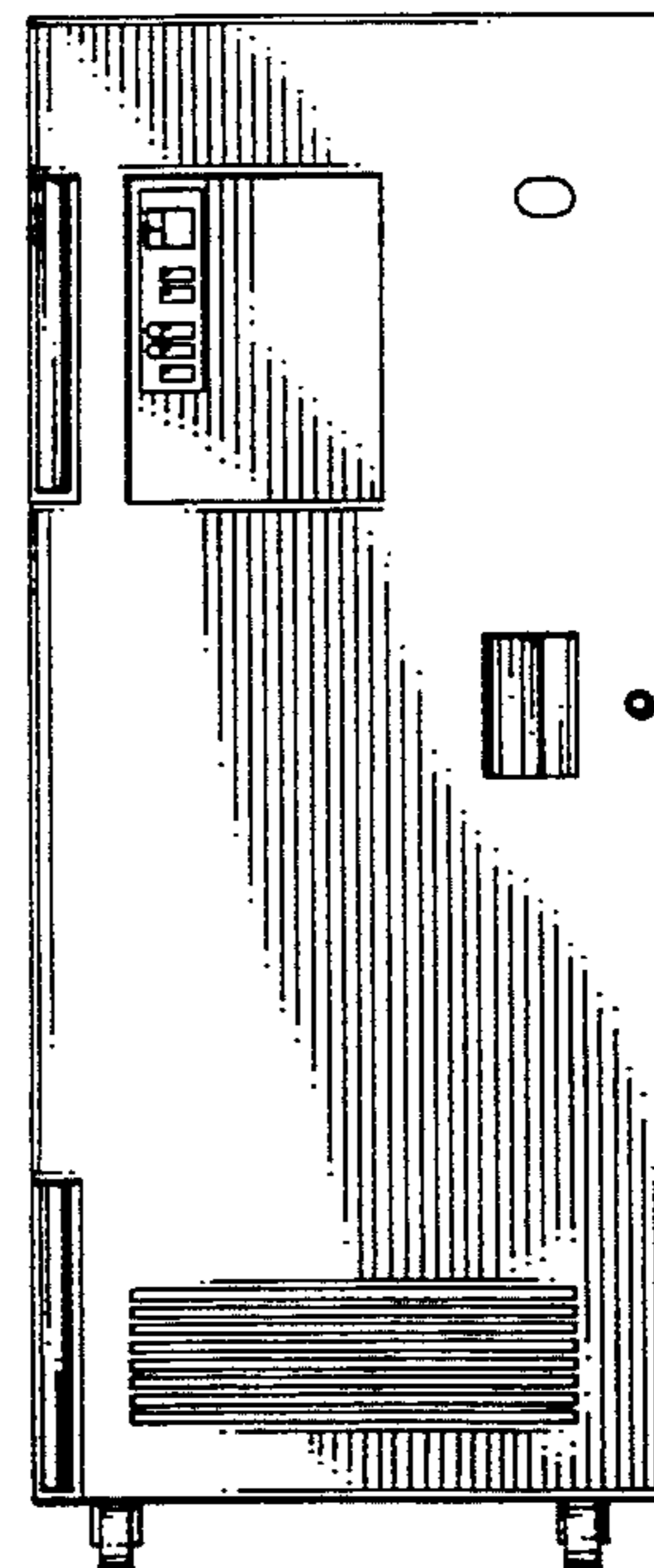
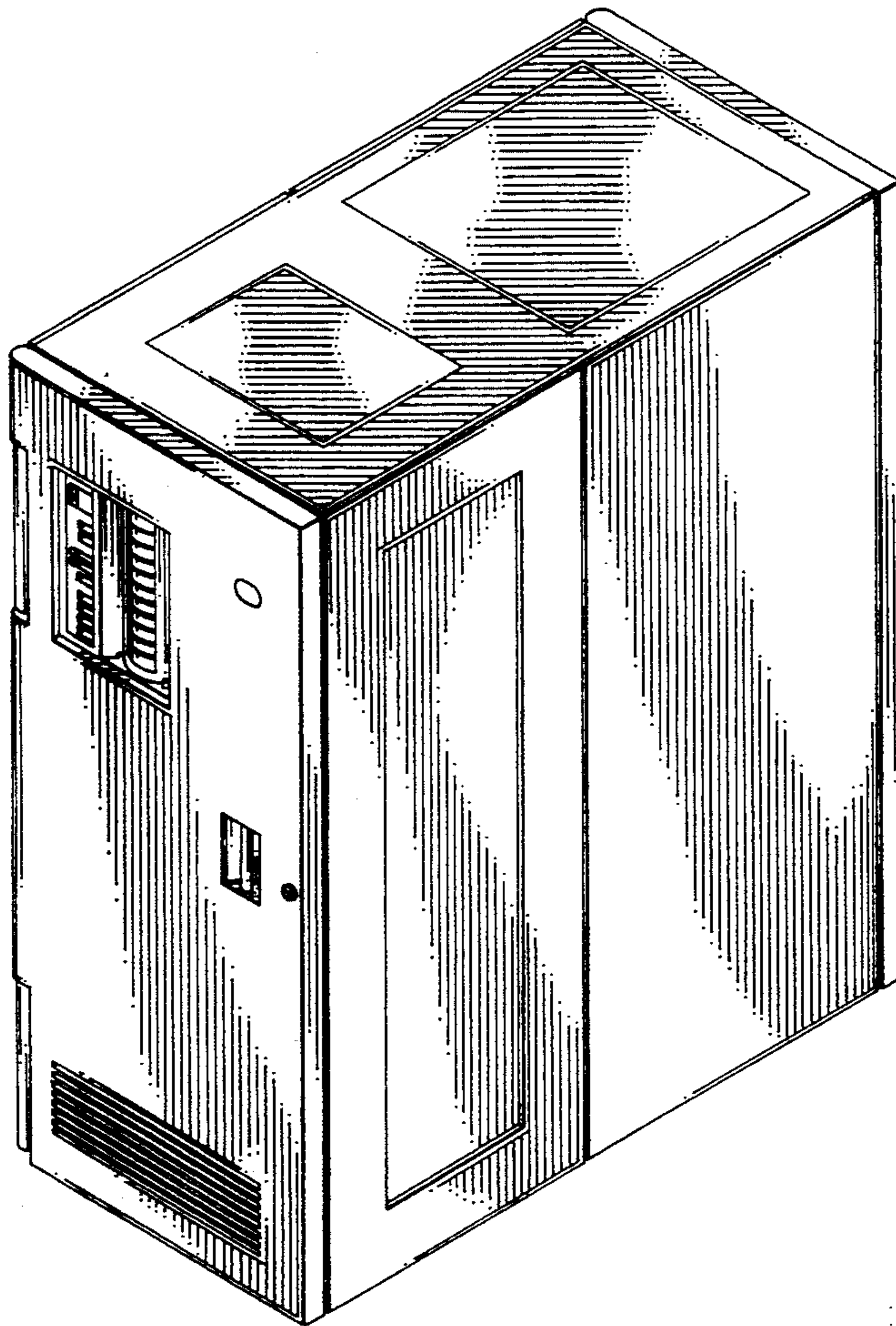
[57] **CLAIM**

The ornamental design for a tape automation system, as shown and described.

DESCRIPTION

FIG. 1 is a front right side perspective view of a tape automation system showing our new design; FIG. 2 is a front elevational view of thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a rear elevational view thereof; FIG. 6 is a right side elevational view thereof; FIG. 7 is a left side elevational view thereof; FIG. 8 is a front right side perspective view of a second embodiment of our new design; and, FIG. 9 is a front elevational view of the second embodiment thereof.

The remaining undisclosed views of the second embodiment are identical to those of the first embodiment.



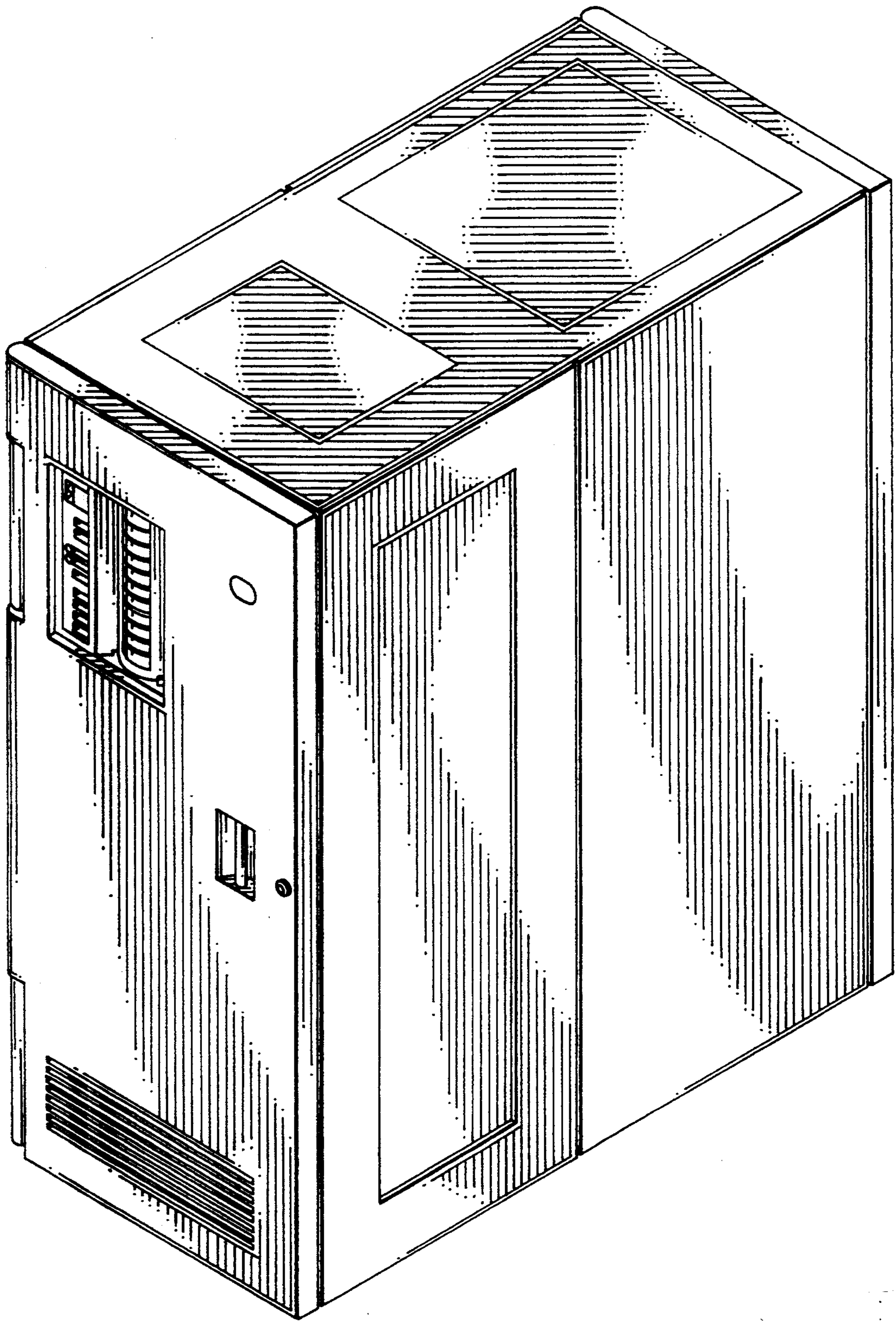


FIG. 1

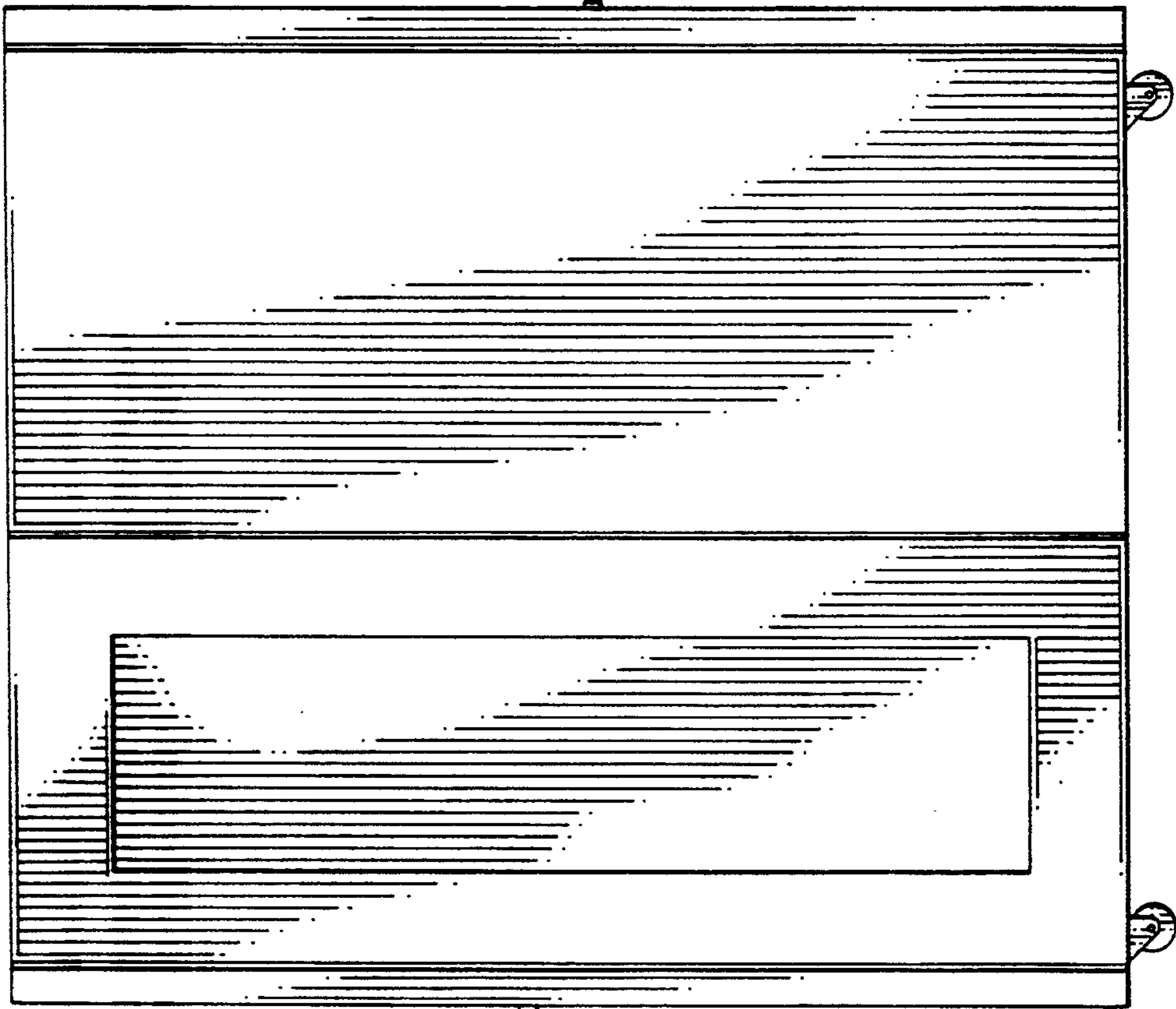


FIG. 6

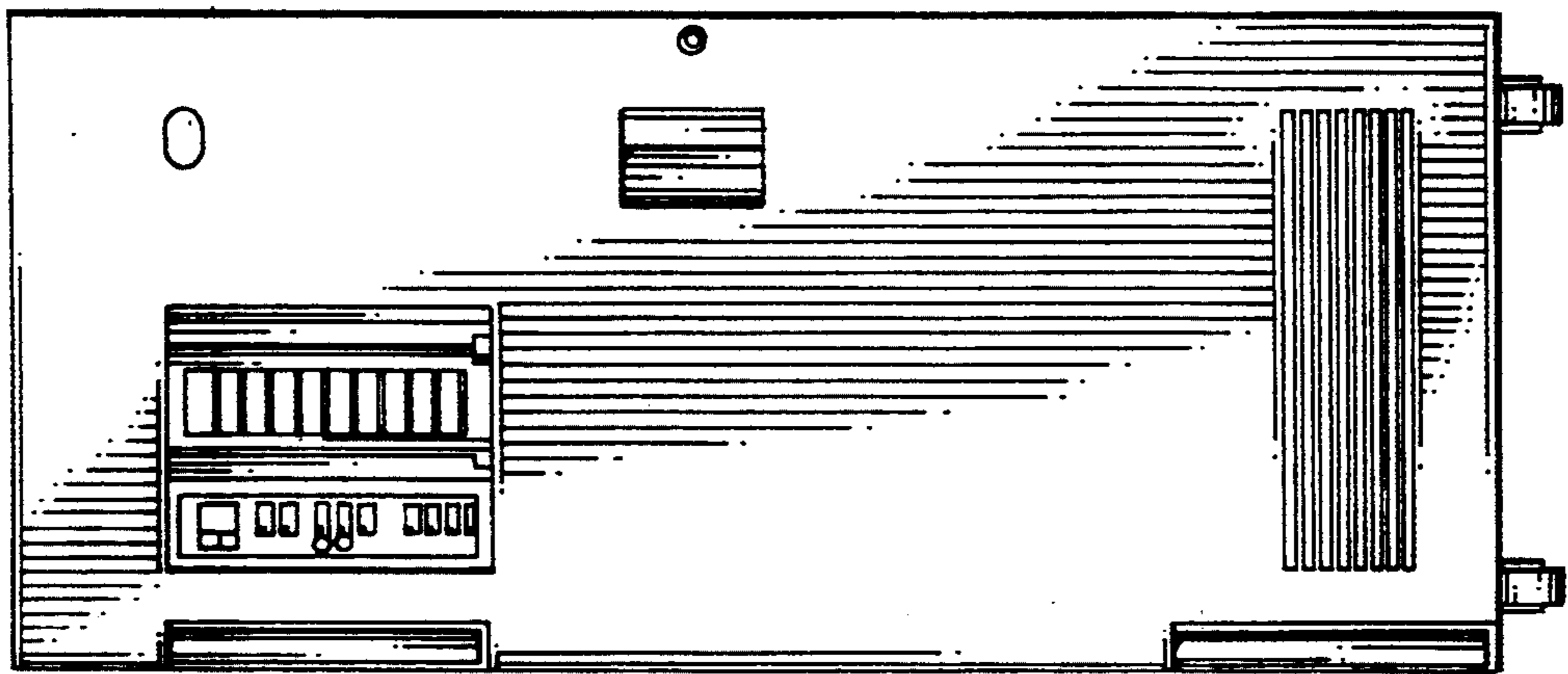


FIG. 7

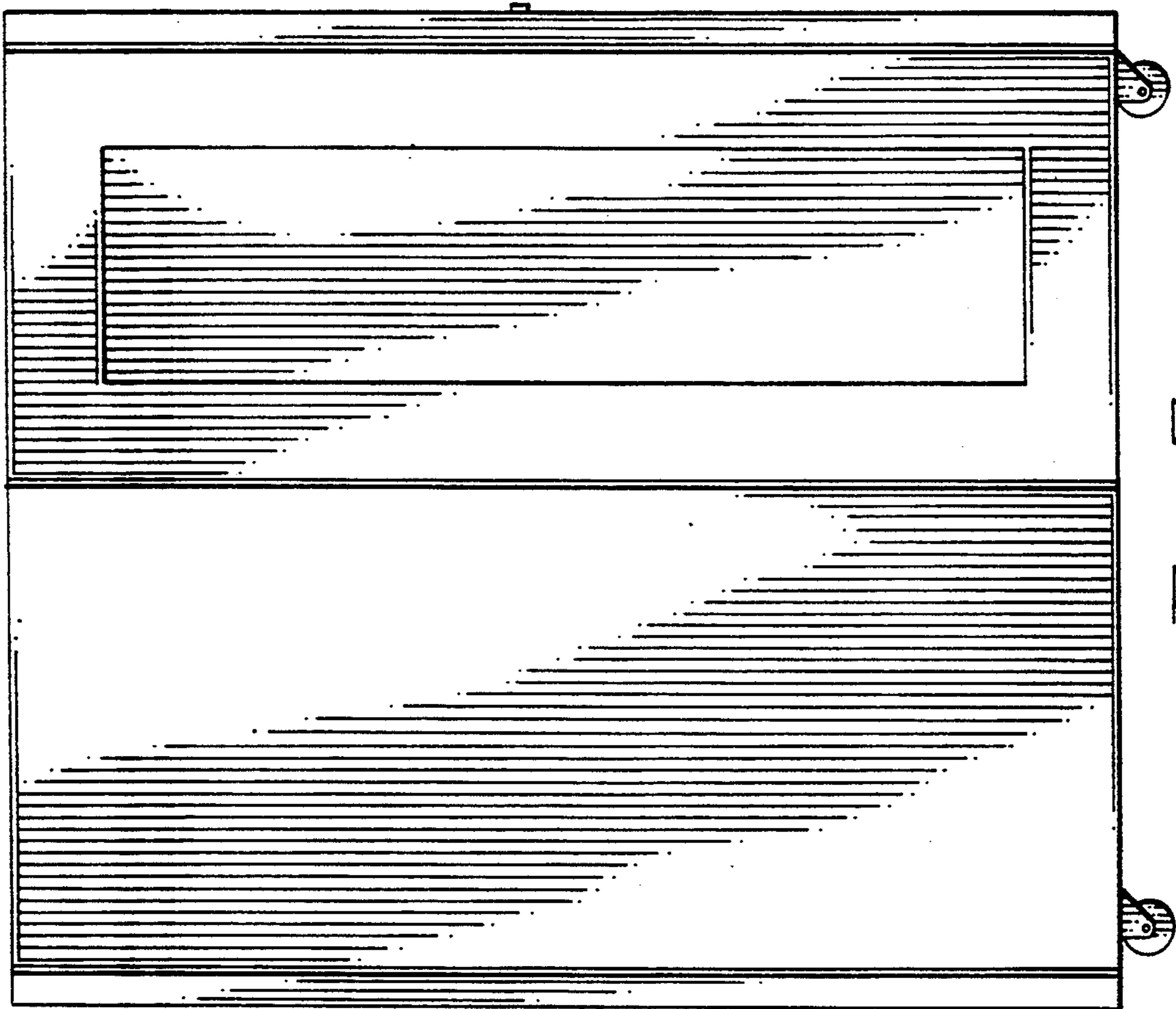


FIG. 7

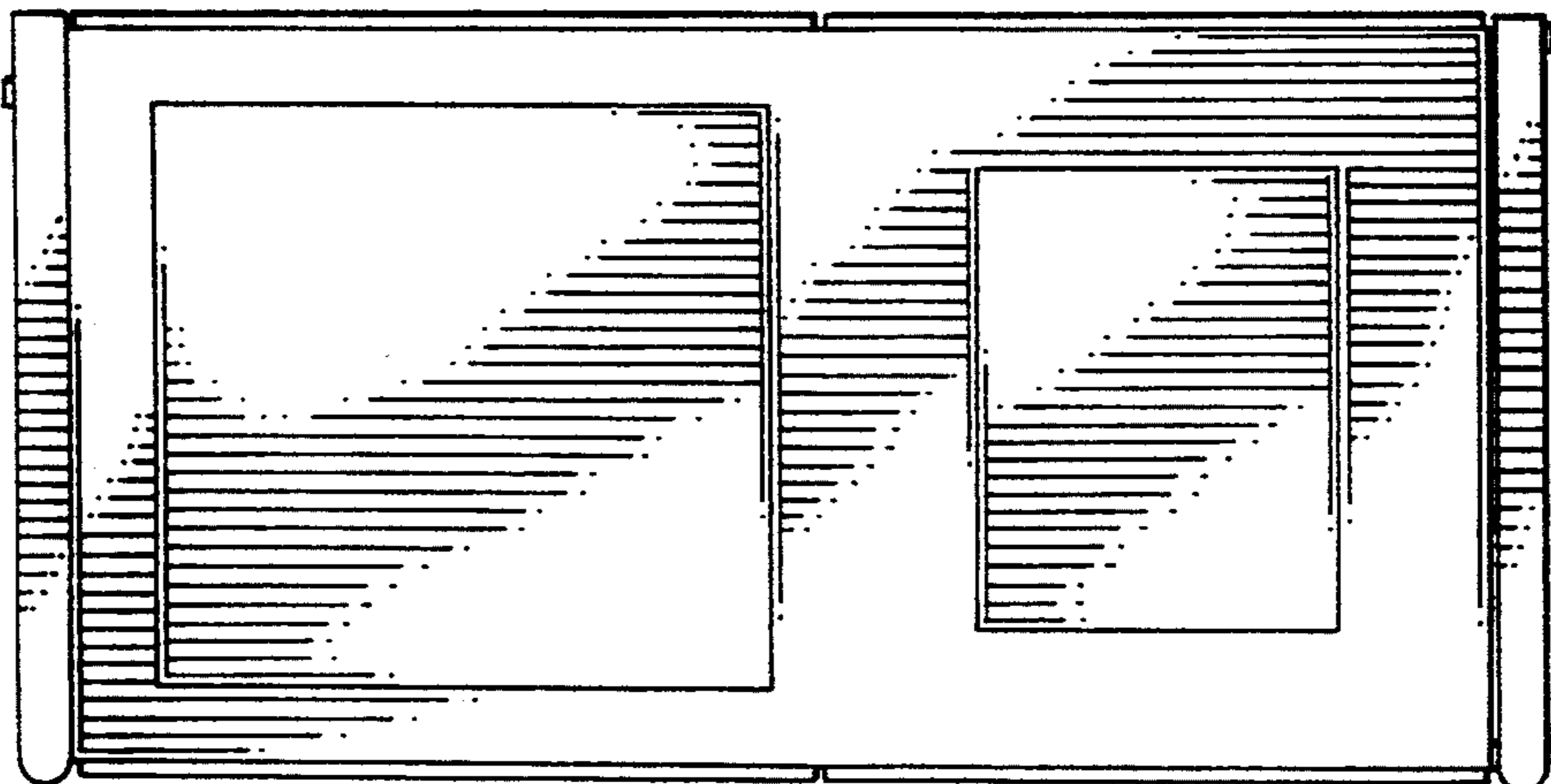


FIG. 8

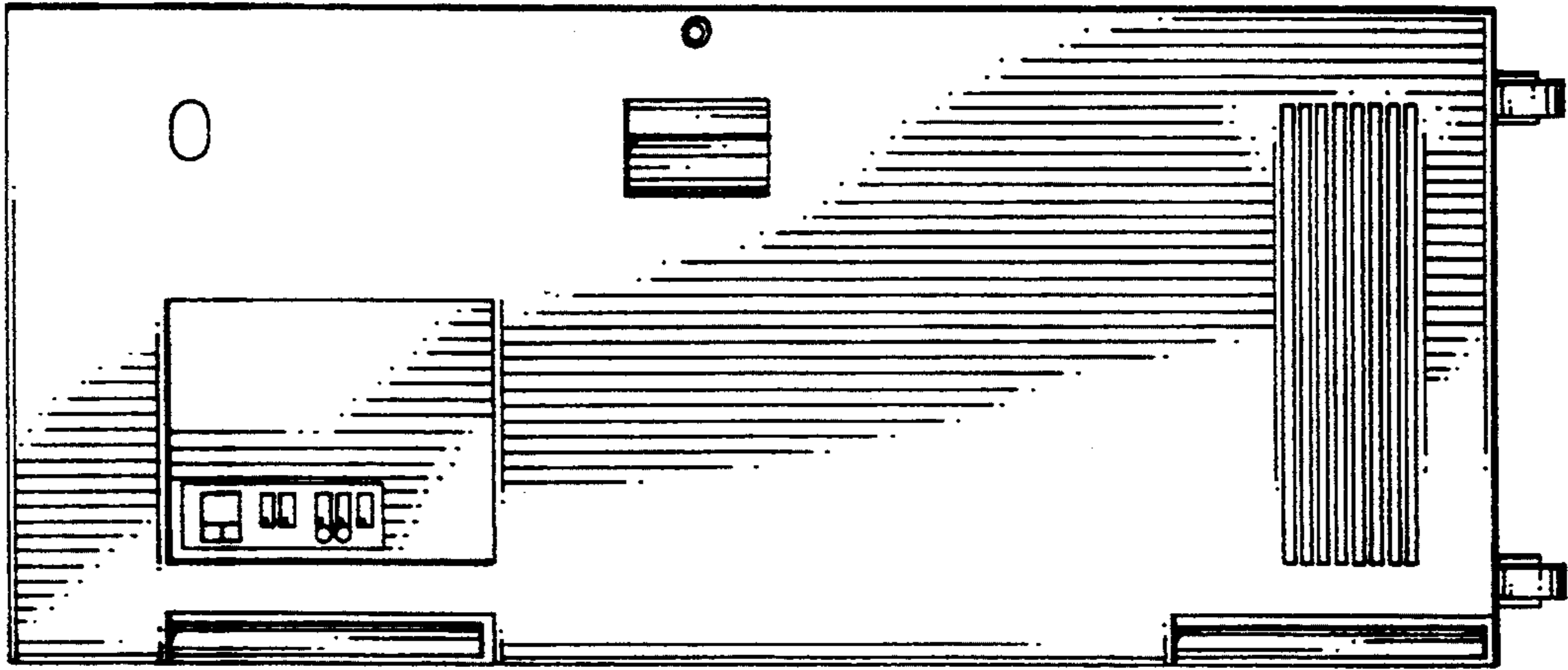


FIG. 9

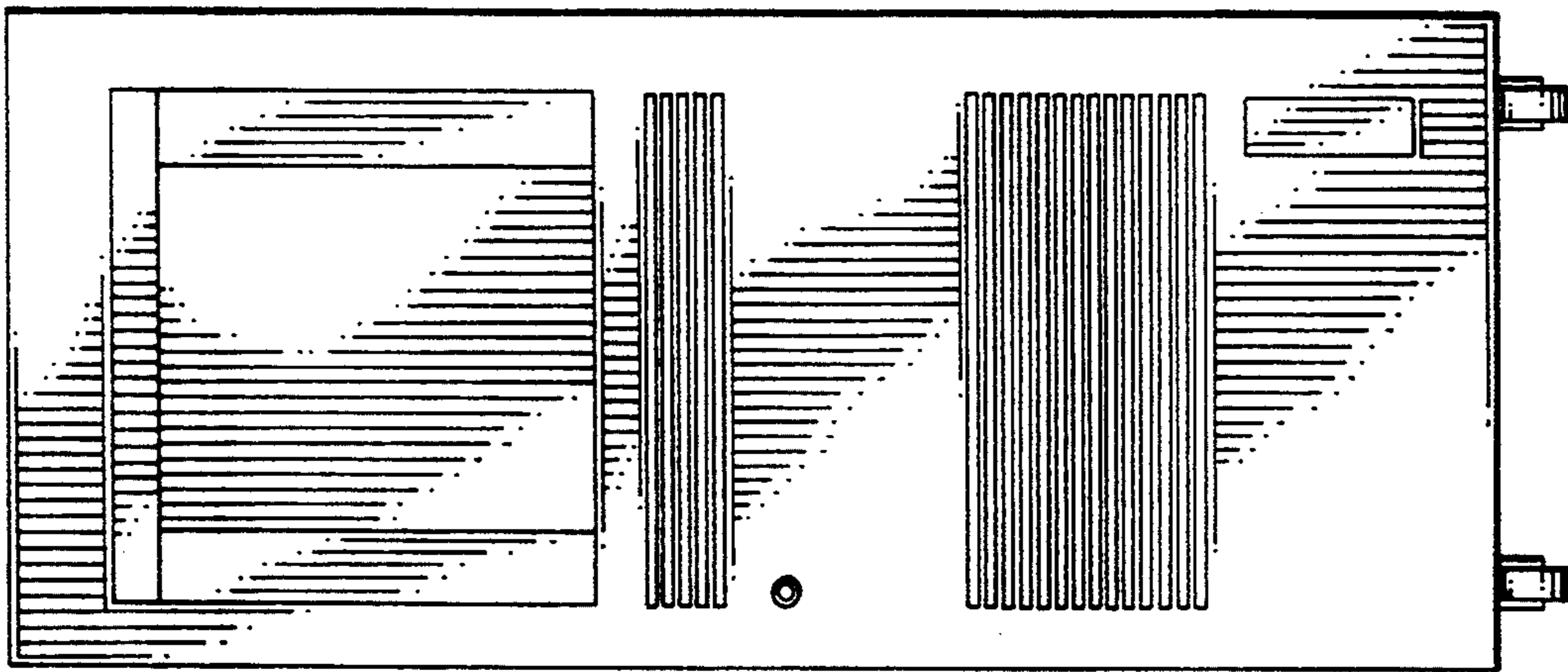


FIG. 5

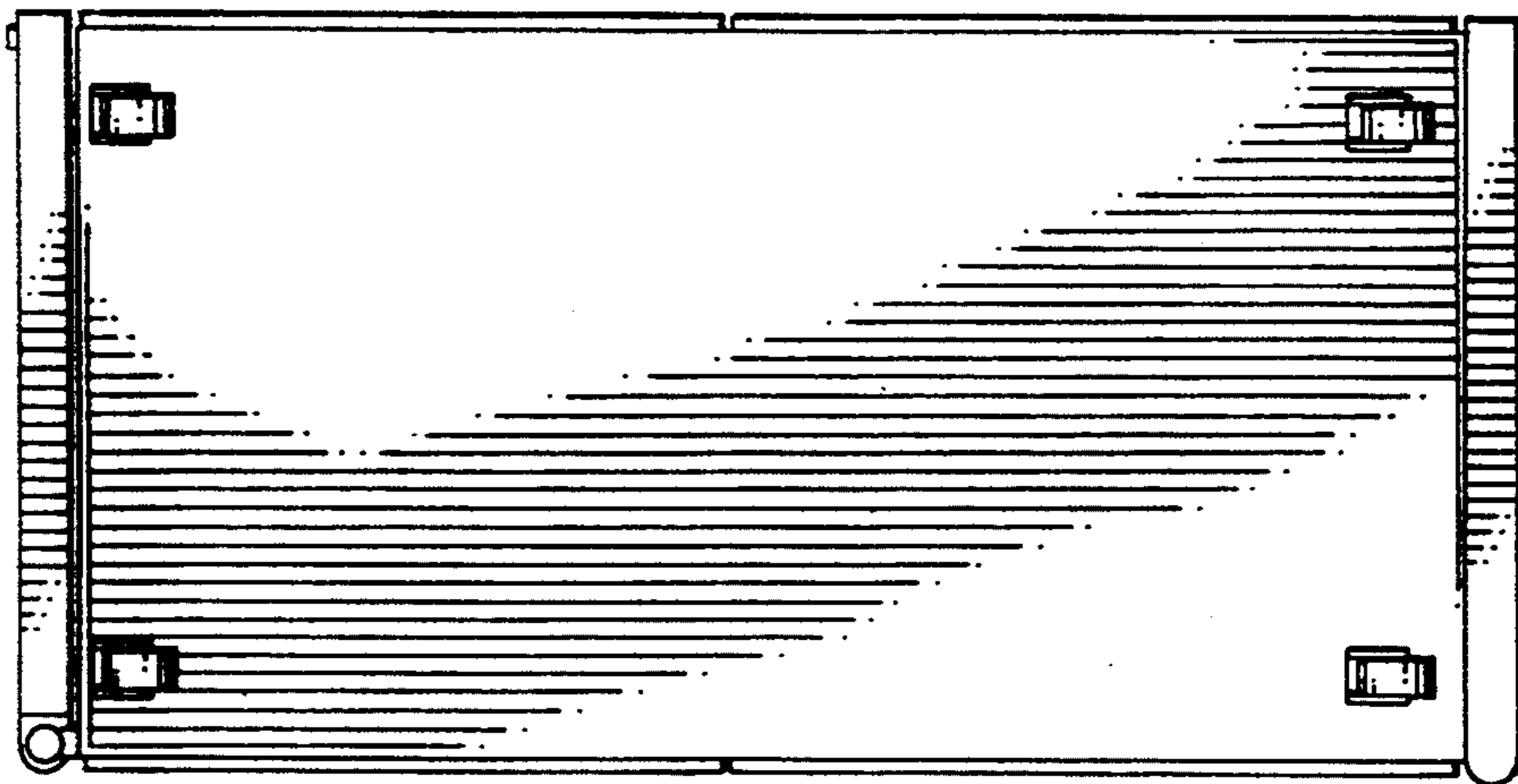


FIG. 4

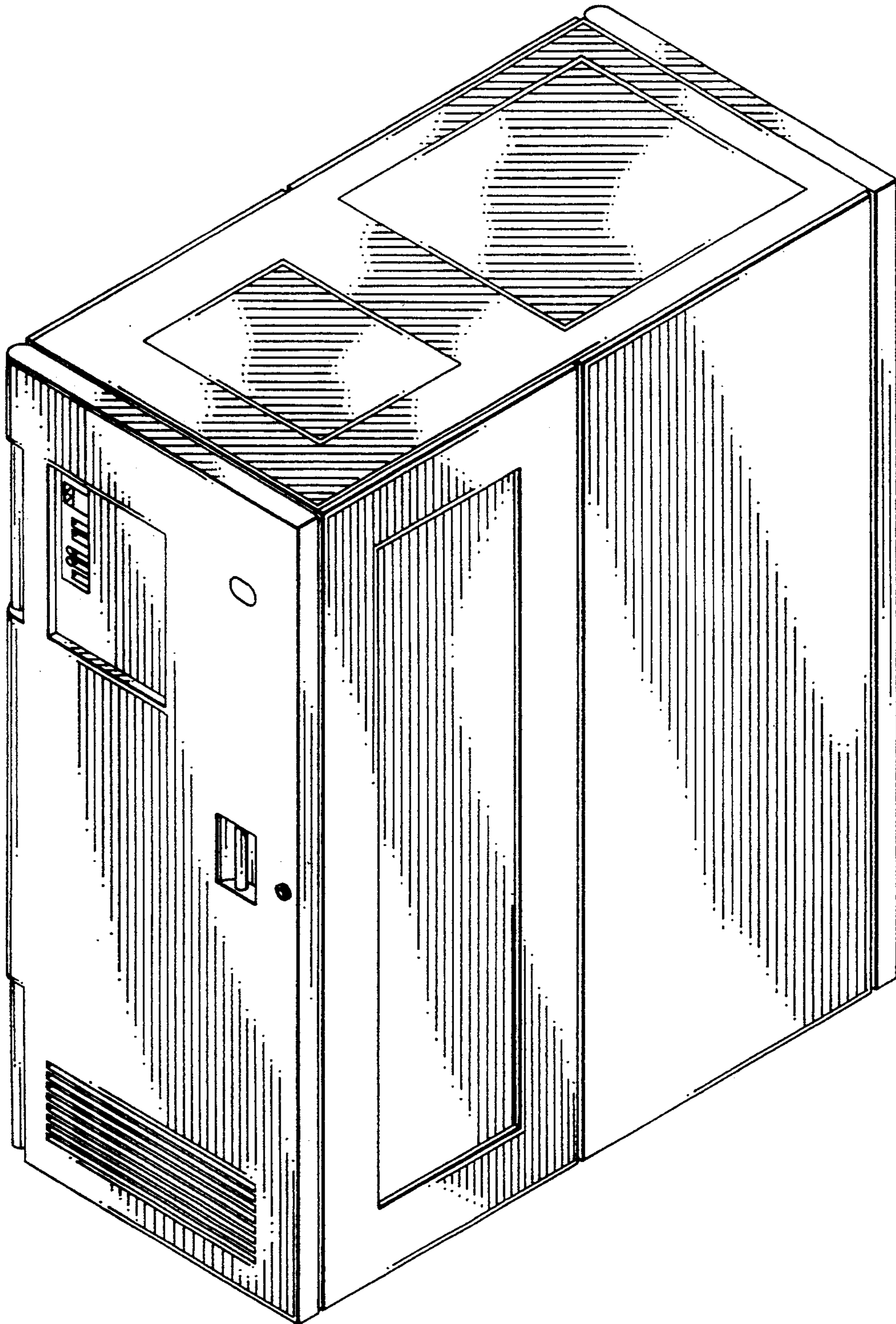


FIG. 8