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United States Patent [19]

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Ichikawa et al.

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[54] **MAGNETIC DISC CARTRIDGE WITH SHUTTER**

[75] Inventors: **Toru Ichikawa; Hiroshi Meguro**, both of Tokyo, Japan

[73] Assignee: **Sony Corporation**, Tokyo, Japan

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

[21] Appl. No.: **29/083,488**

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[30] Foreign Application Priority Data

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[51] **LOC (7) Cl.** **14-99**

[52] **U.S. Cl.** **D14/121**

[58] **Field of Search** D14/120, 121, D14/114, 100; D21/332; 360/132, 133, 135, 60, 129, 900; 369/291, 292, 117; 206/307, 308.1, 308.2, 308.9; 463/44, 46, 47

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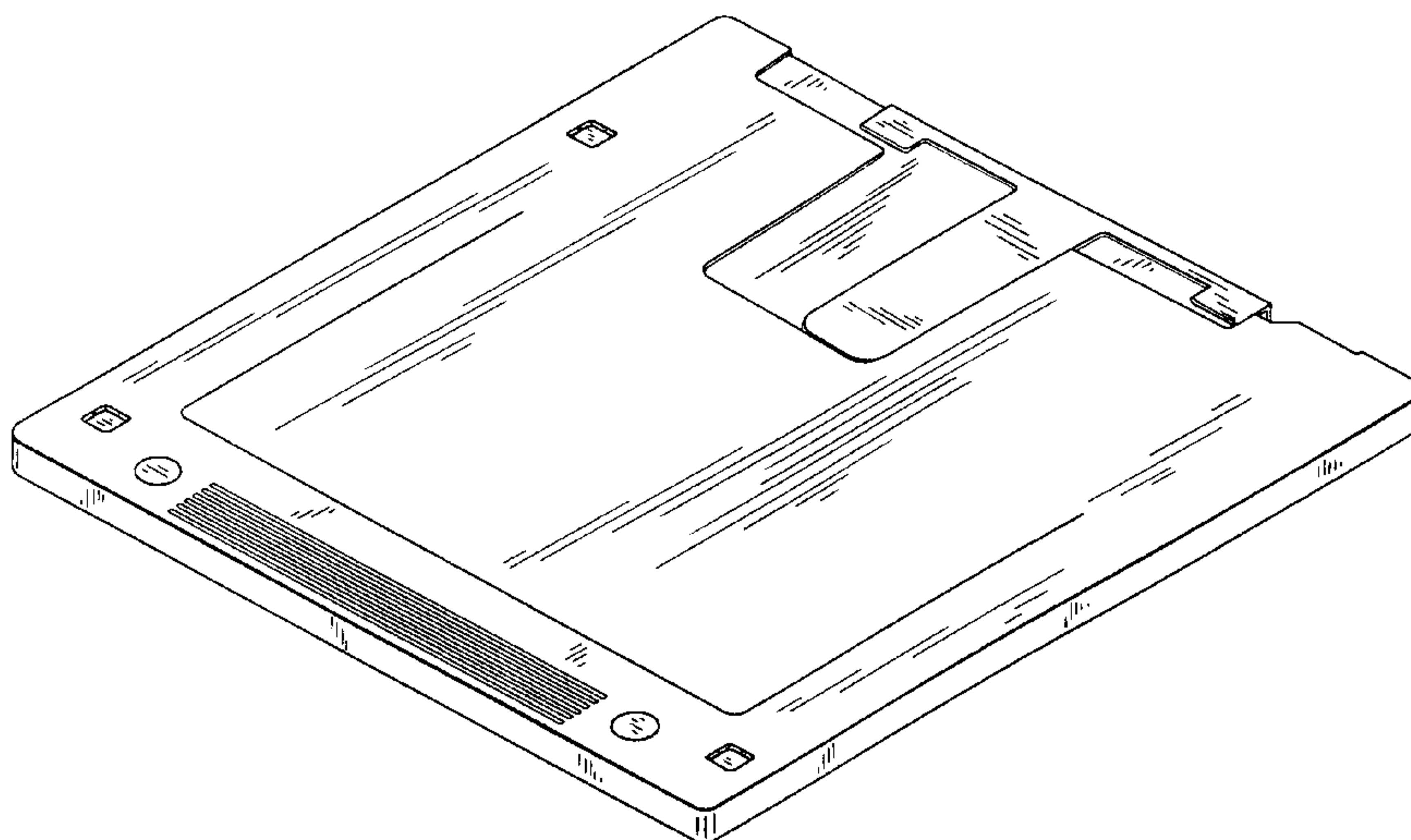
[57] CLAIM

The ornamental design for a magnetic disc cartridge with shutter, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a magnetic disc cartridge with shutter showing our new design;
 FIG. 2 is a top plan view thereof;
 FIG. 3 is a left side elevational view thereof;
 FIG. 4 is a front elevational view thereof;
 FIG. 5 is a bottom plan view thereof.
 FIG. 6 is a right side elevational view thereof; and
 FIG. 7 is a rear elevational view thereof.
 FIG. 8 is a perspective view of a second embodiment of a magnetic disc cartridge with shutter;
 FIG. 9 is a top plan view thereof;
 FIG. 10 is a left side elevational view thereof;
 FIG. 11 is a front elevational view thereof;
 FIG. 12 is a bottom plan view thereof;
 FIG. 13 is a right side elevational view thereof; and
 FIG. 14 is a rear elevational view thereof; and,
 FIG. 15 is a perspective view thereof; with the shutter in using condition.

1 Claim, 7 Drawing Sheets



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FIG. 1

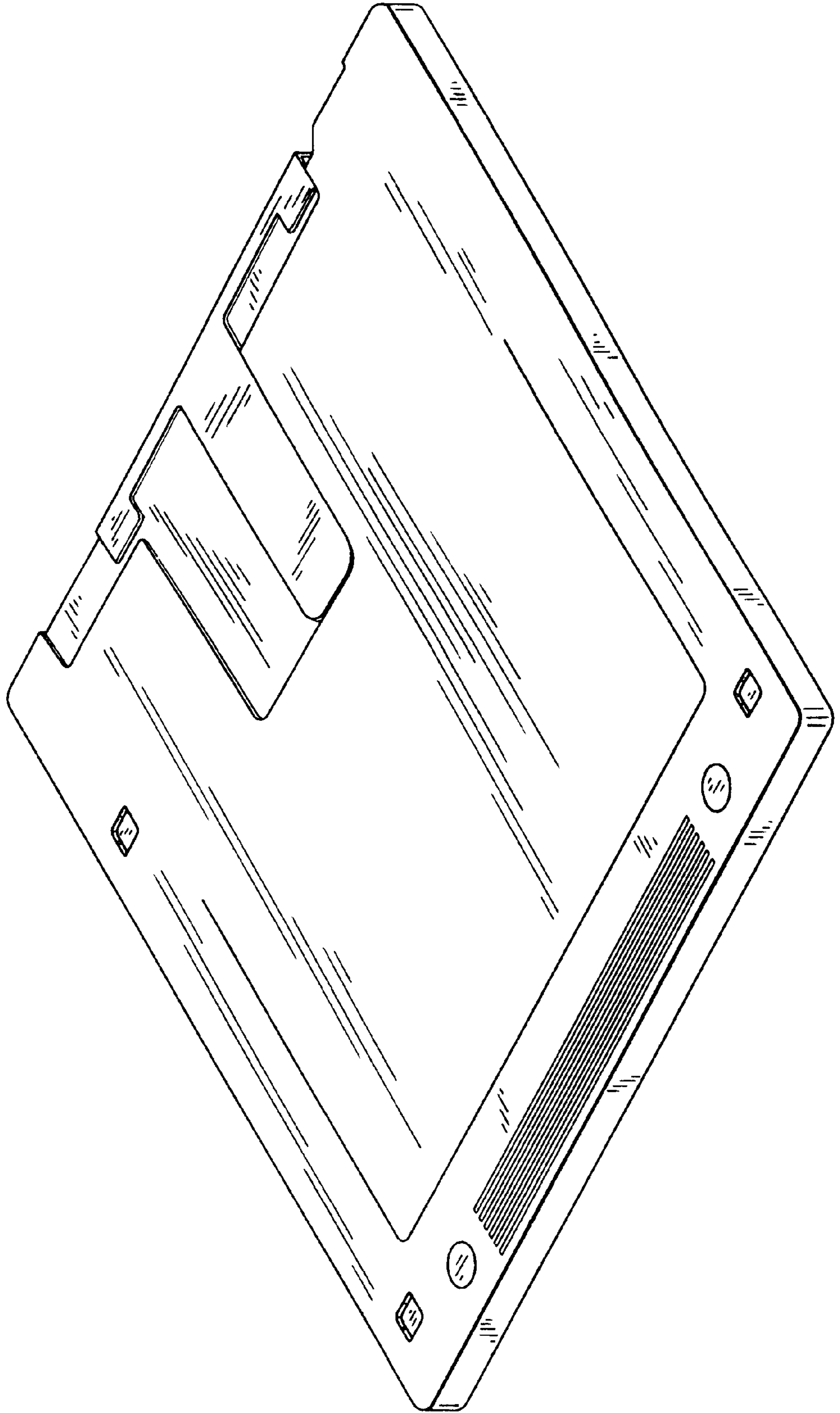


FIG. 7

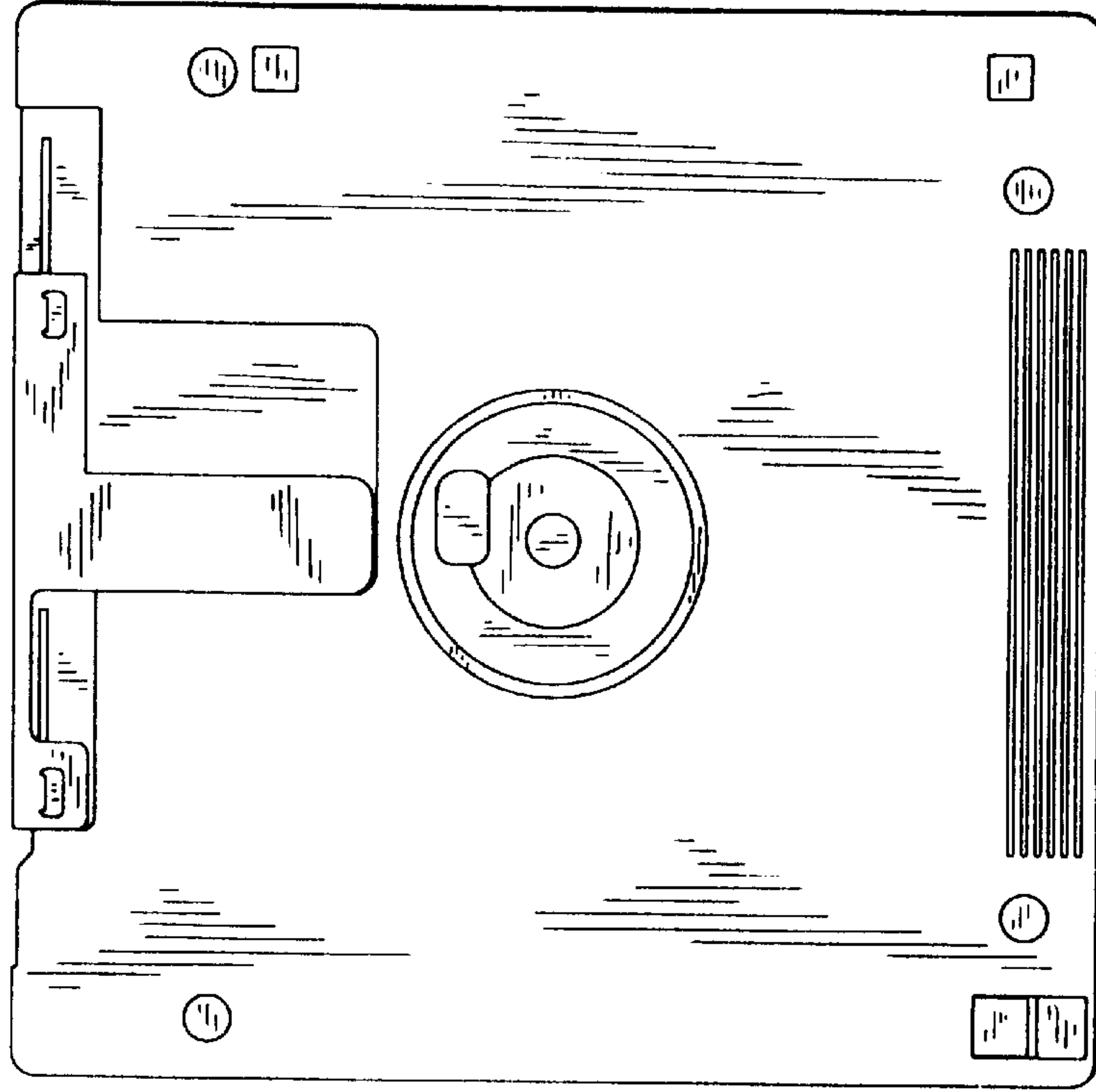


FIG. 4

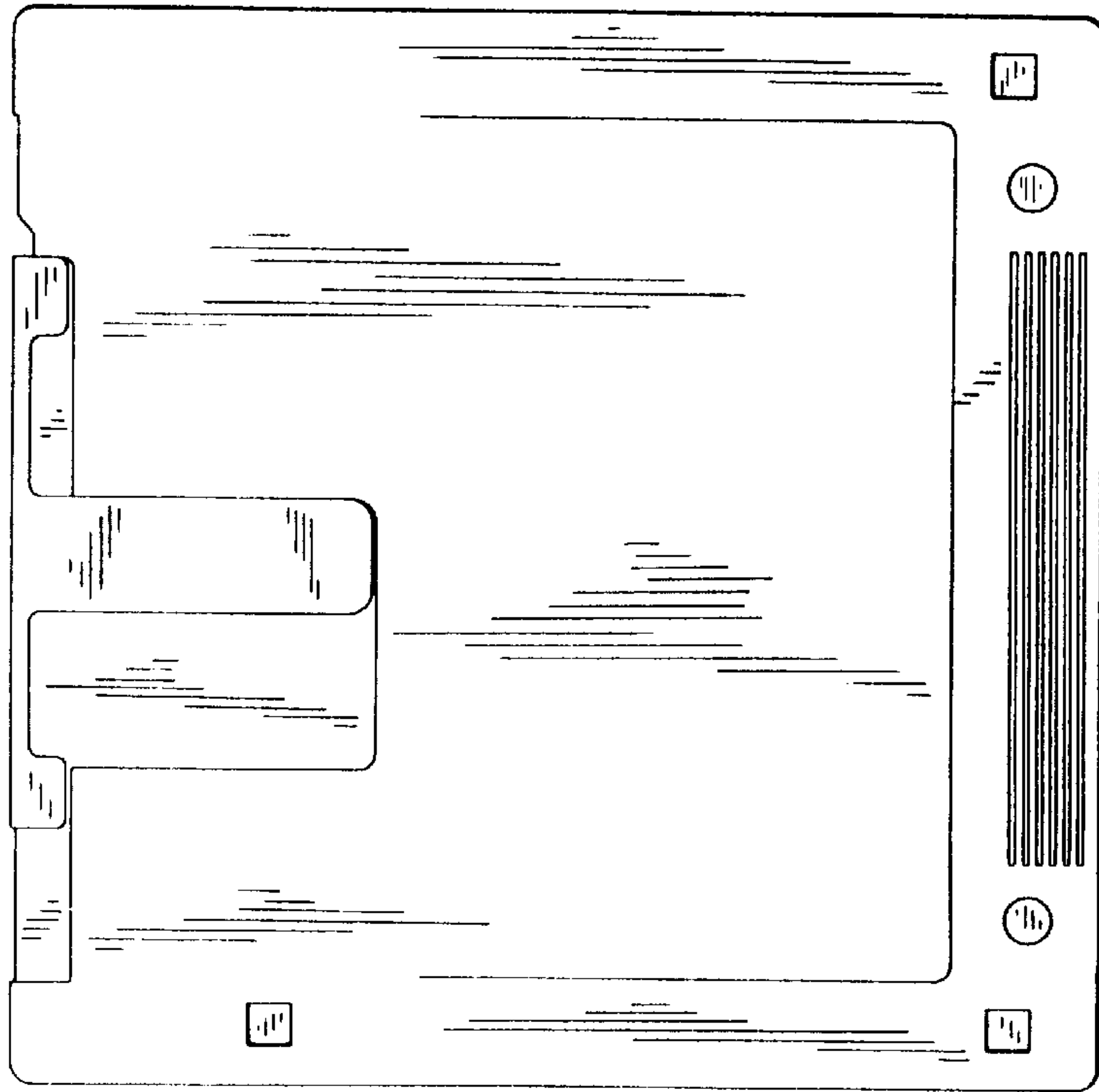


FIG. 8

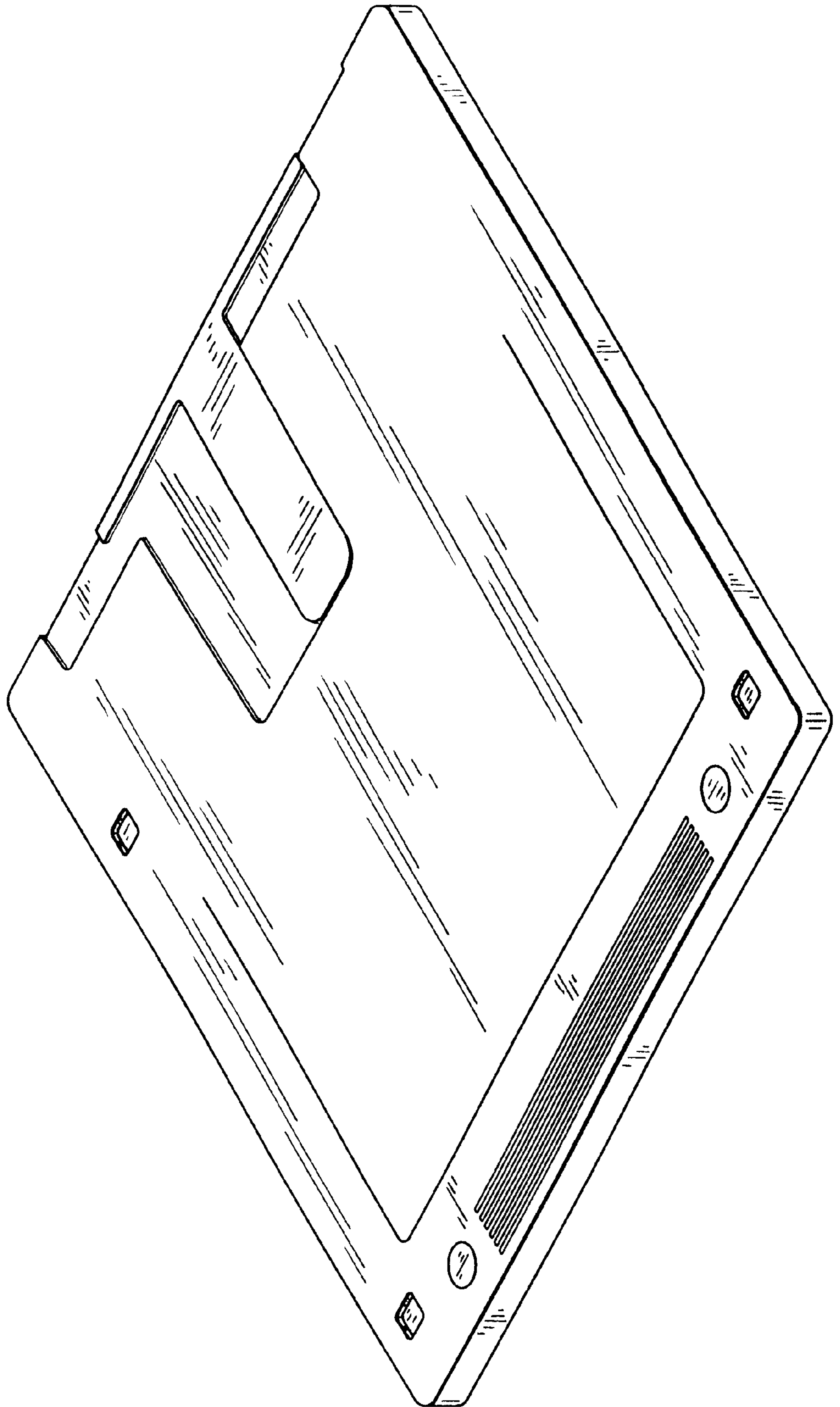


FIG. 9



FIG. 10

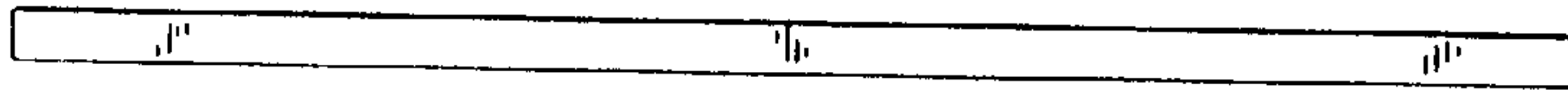


FIG. 13

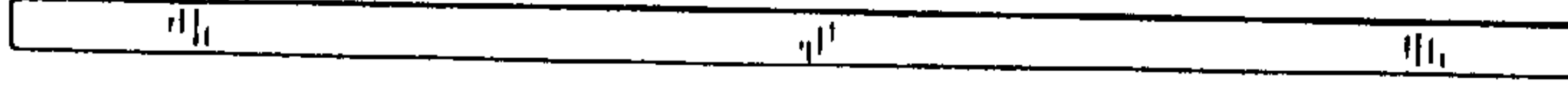


FIG. 12



FIG. 14

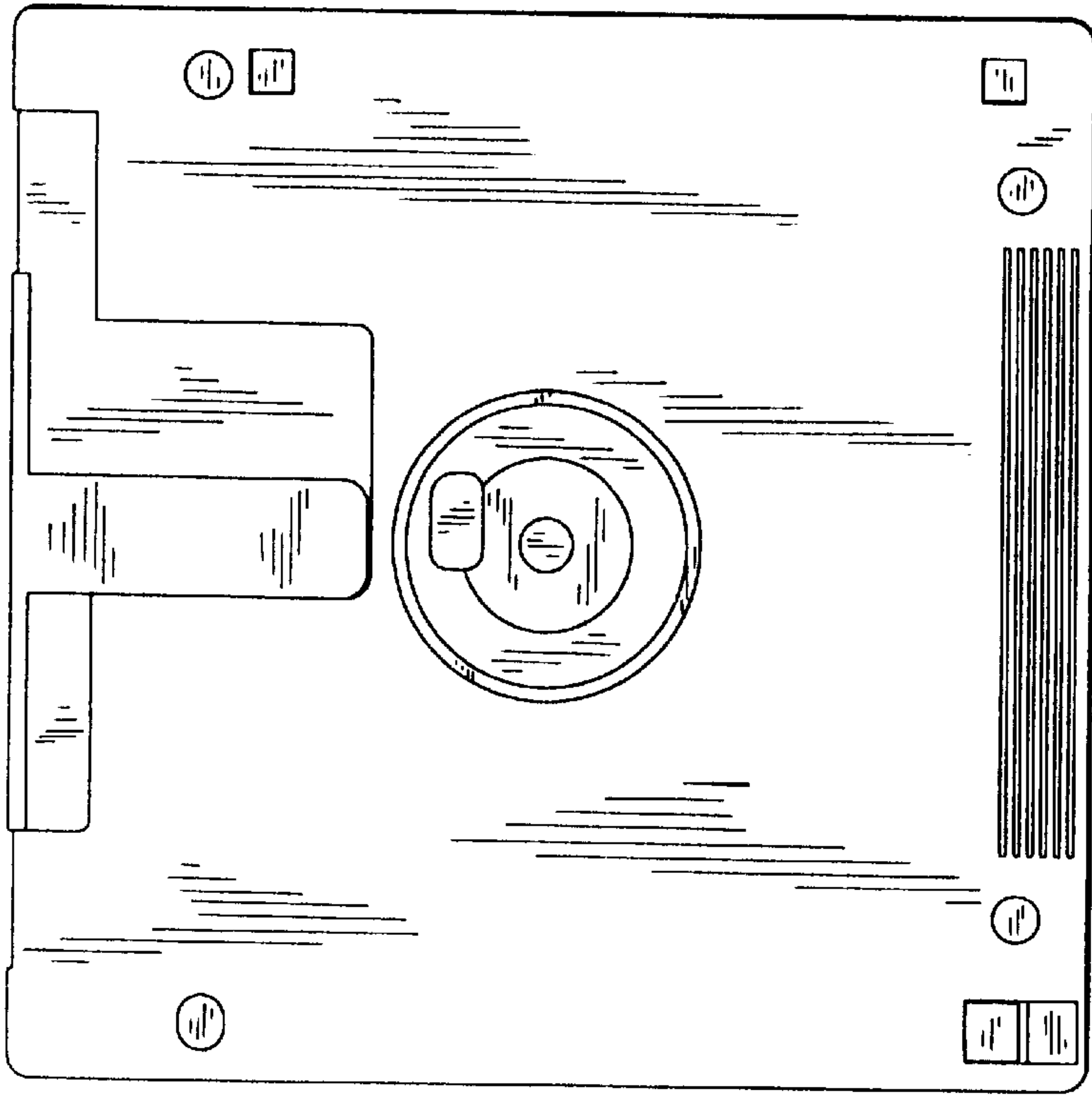


FIG. 11

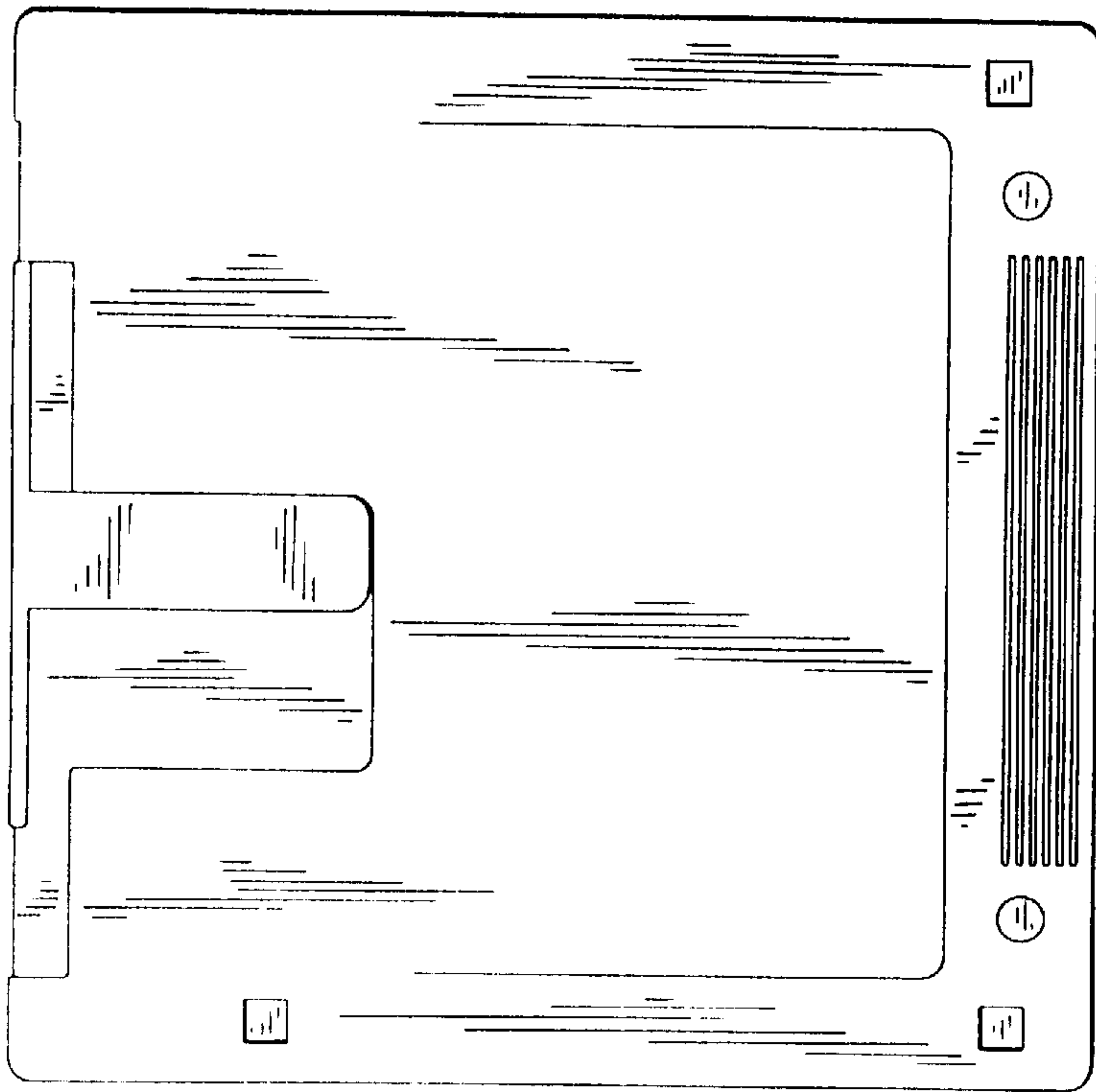


FIG. 15

