



US00D364152S

# United States Patent [19]

[11] Patent Number: **Des. 364,152**

Acciaoli et al.

[45] Date of Patent: **\*\*Nov. 14, 1995**

[54] TAPE AUTOMATION SYSTEM

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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
D. 357,236	4/1995	Acciaoli et al. ....	D14/108
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

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

### [57] CLAIM

[21] Appl. No.: **28,293**

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

[22] Filed: **Sep. 12, 1994**

### DESCRIPTION

#### Related U.S. Application Data

[62] Division of Ser. No. 6,969, Apr. 12, 1993, Pat. No. Des. 357,236.

FIG. 1 is a right side perspective view of a tape automation system showing our new design;

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

FIG. 2 is a front elevational view thereof;

[58] Field of Search ..... D14/100, 102, D14/107-109; D13/162, 184, 199; D6/421-423, 432, 396; 312/208.1, 223.2, 223.3, 194; 360/97.01, 92, 94.04, 98.01, 99.01, 99.12; 361/660, 622, 724-728, 694; 364/478; 369/34, 36, 75.1, 32, 33

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; and,

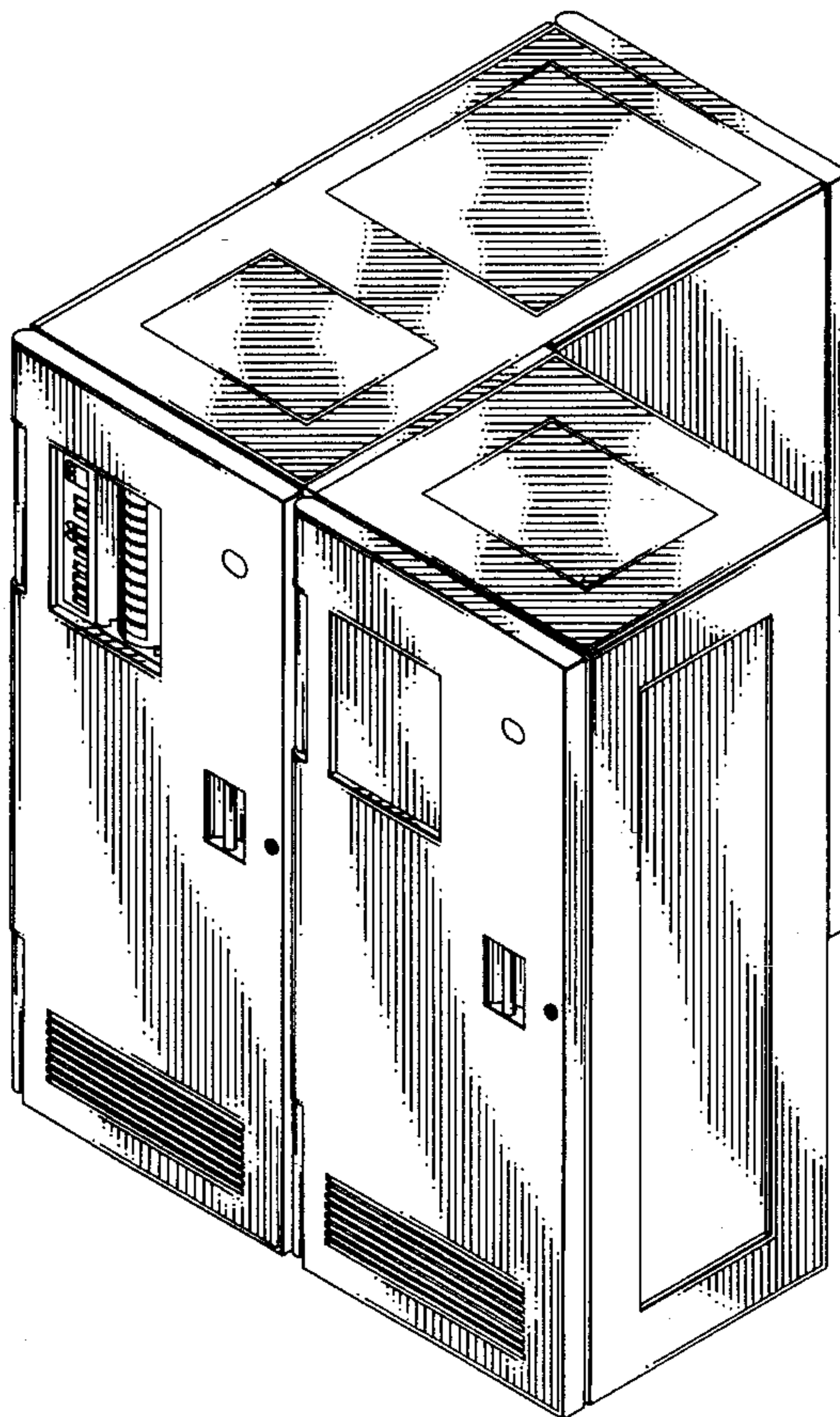
FIG. 7 is a left side elevational view thereof.

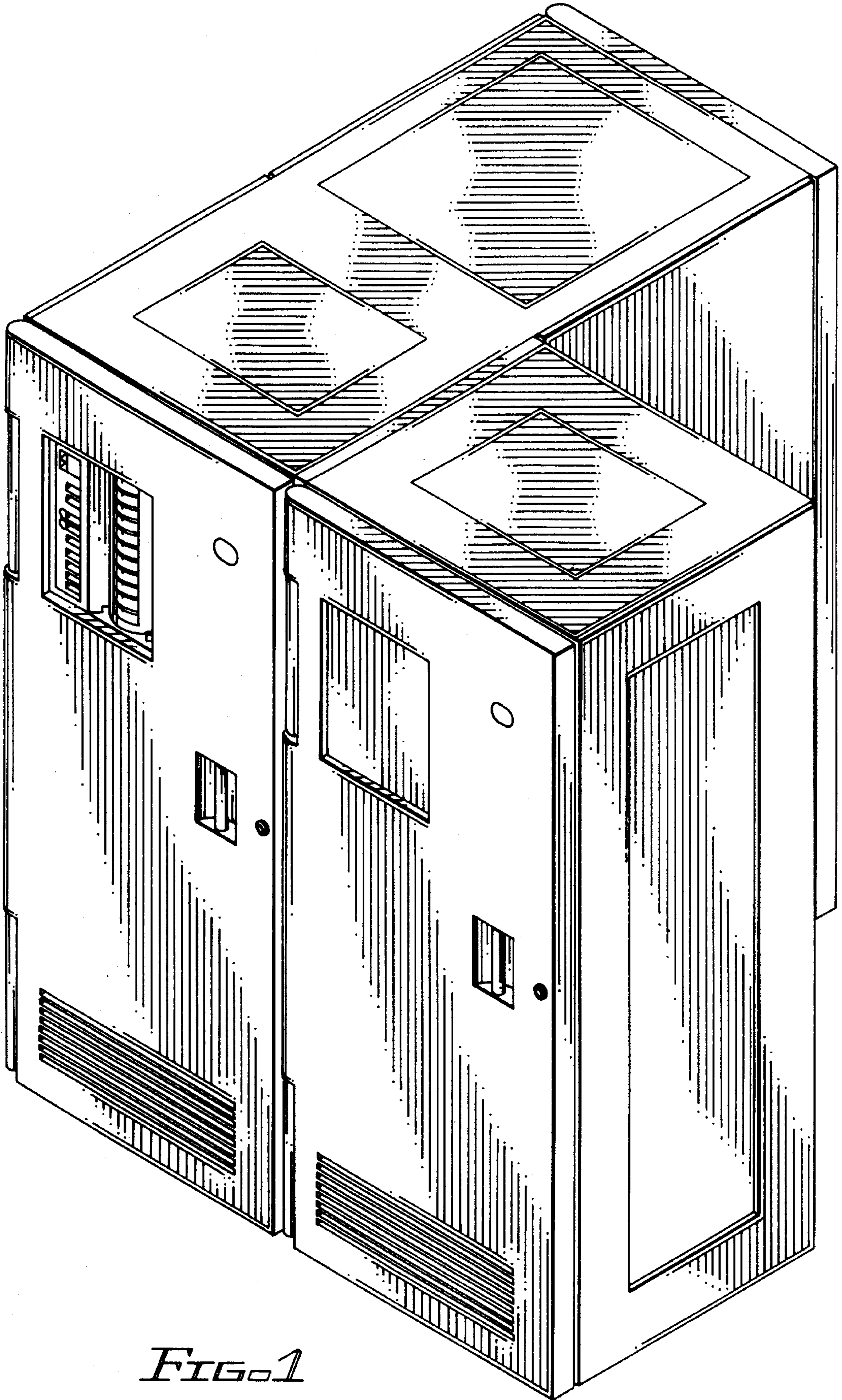
### [56] References Cited

#### U.S. PATENT DOCUMENTS

D. 241,447 9/1976 Clowe ..... D14/107

**1 Claim, 4 Drawing Sheets**





*FIG. 1*

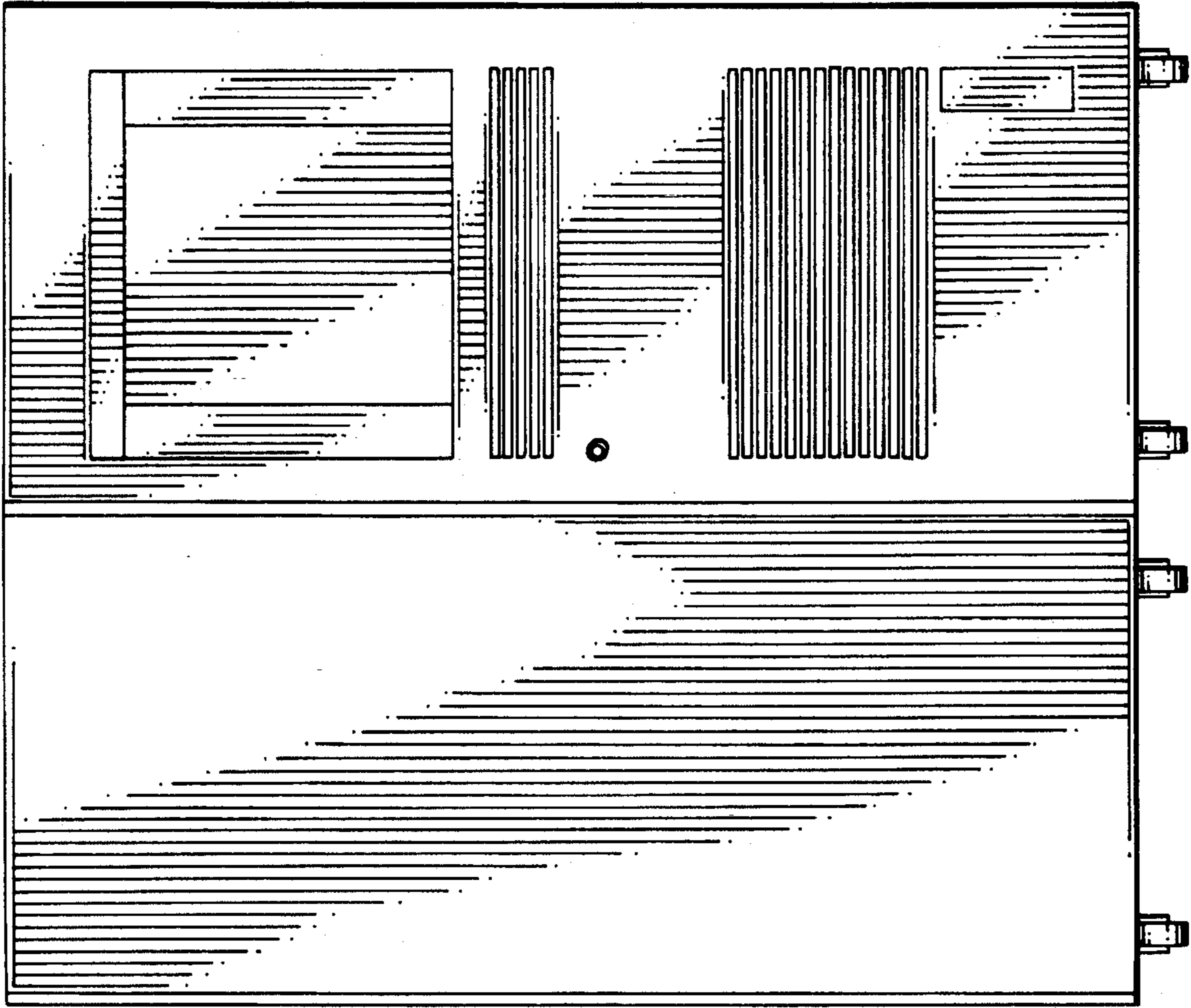


FIG. 1

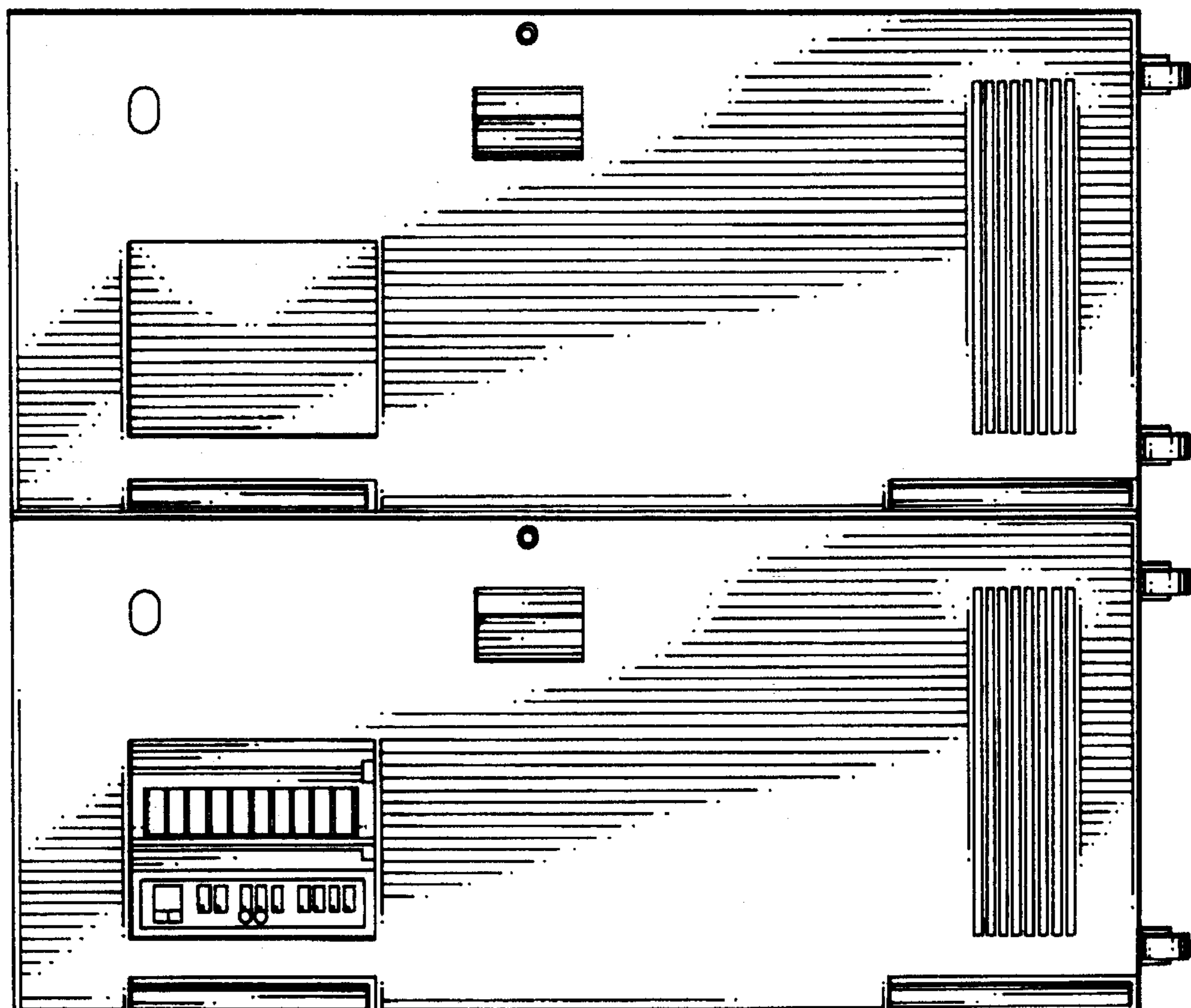


FIG. 2

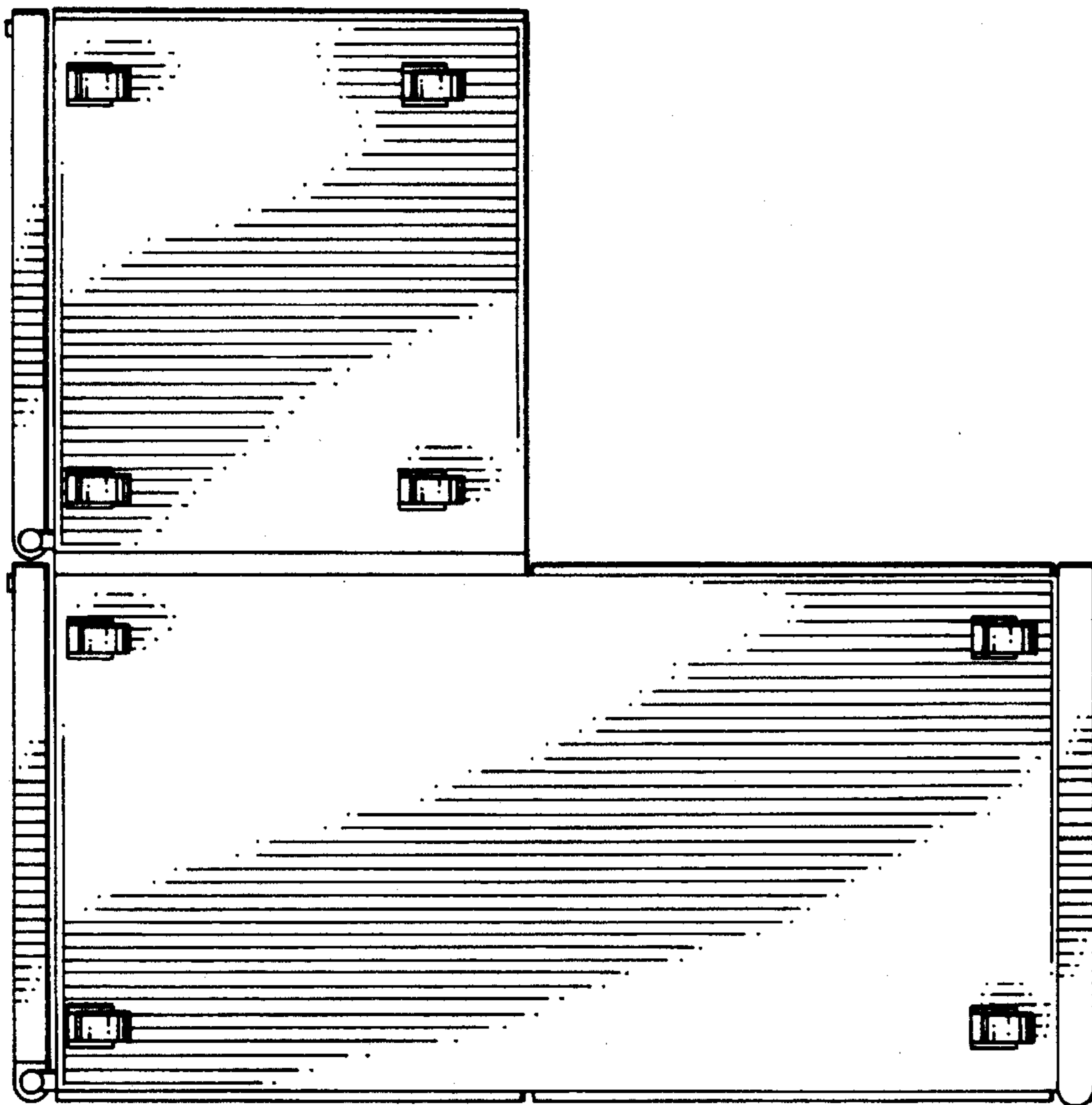


FIG. 4

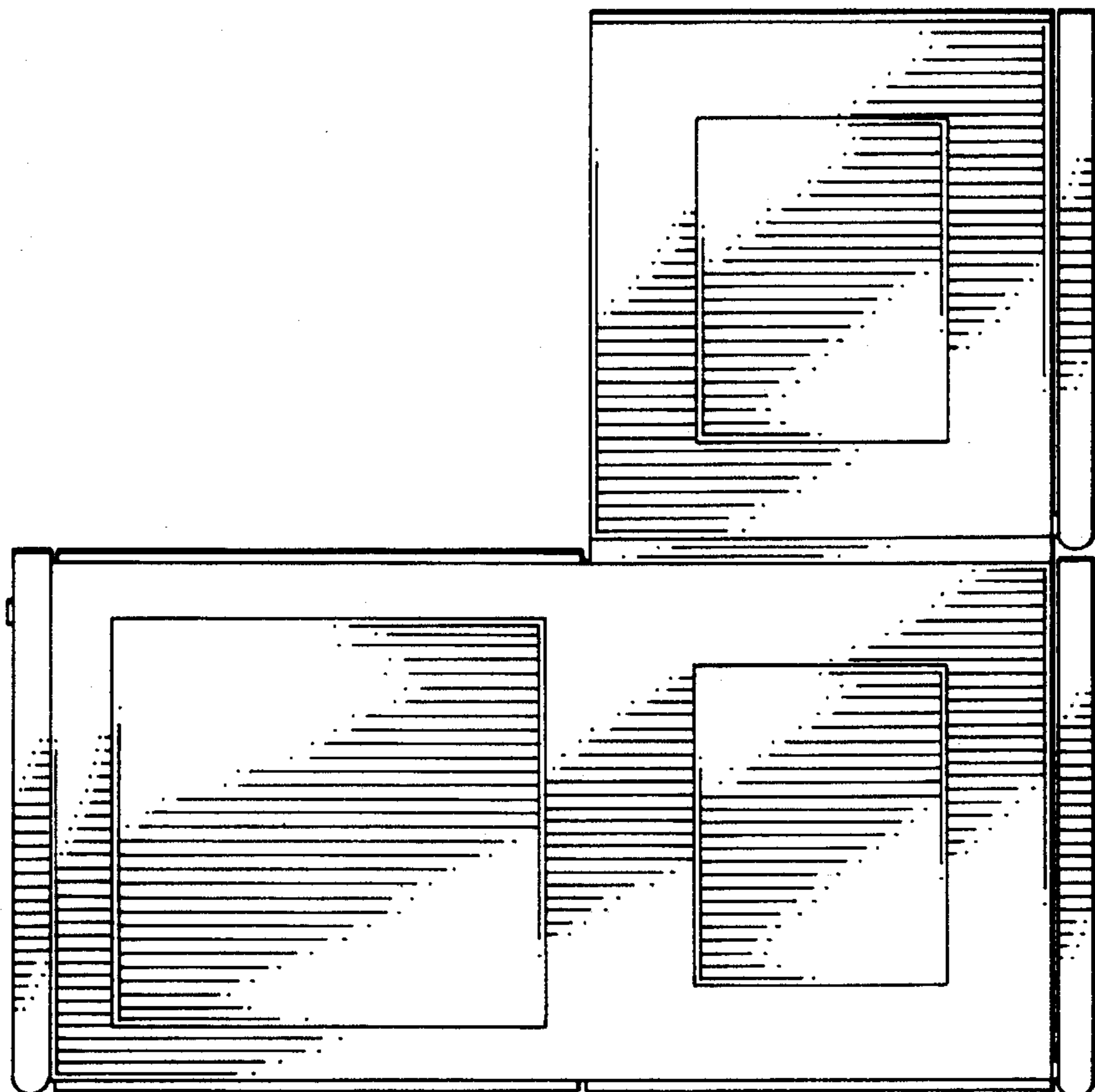


FIG. 3

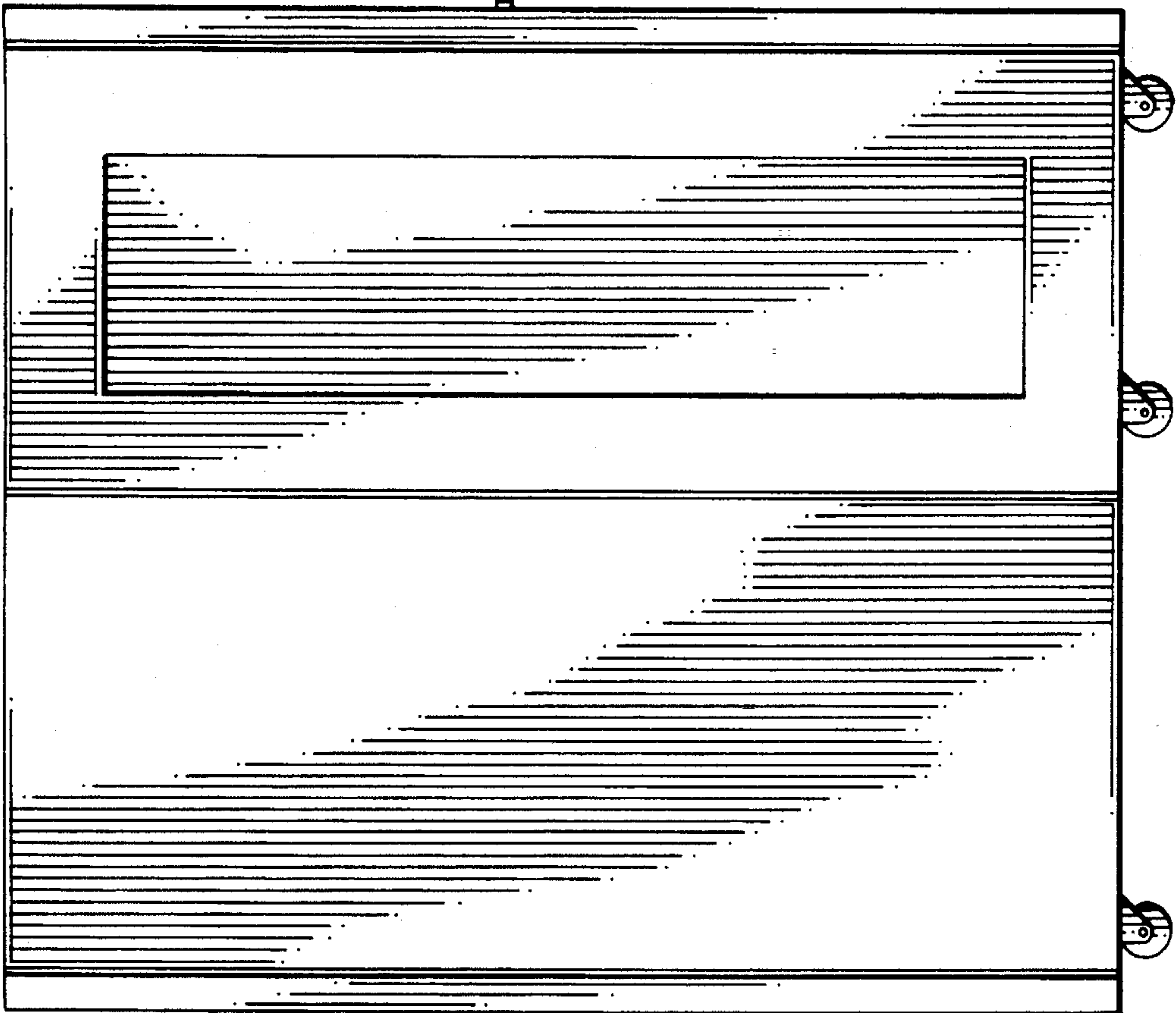


FIG. 7

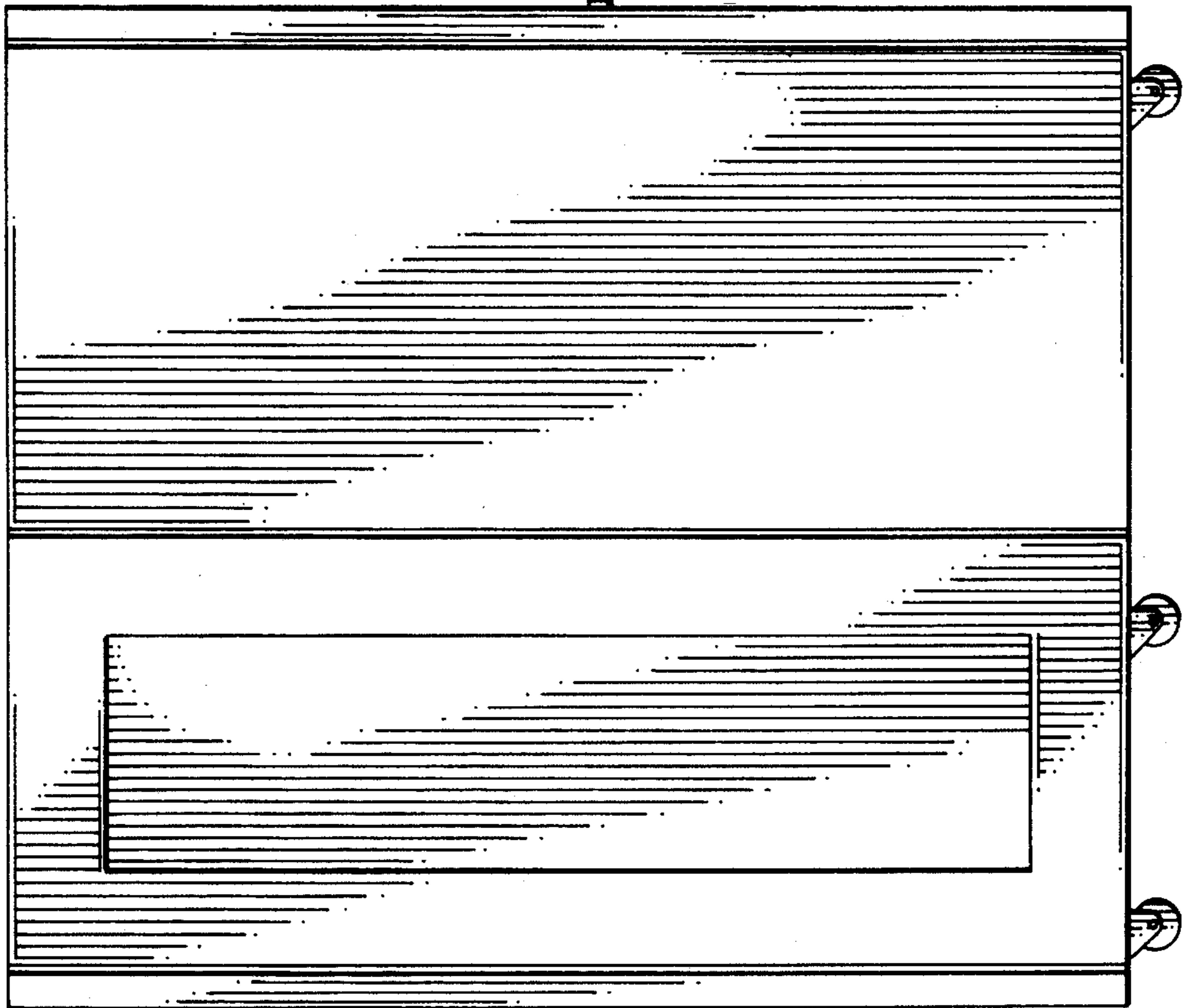


FIG. 6