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# United States Patent [19]

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Yokoi et al.

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[54] **OPTO-ELECTRICAL SIGNAL CONVERTER**

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[73] Assignee: **Sharp Corporation, Osaka, Japan**

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

[21] Appl. No.: **334,118**

[22] Filed: **Apr. 5, 1989**

[52] U.S. Cl. .... **D14/100; D13/184**

[58] Field of Search ..... **D13/184, 123; 250/551,**  
**250/214 R; 307/311; 455/602, 608, 611, 614,**  
**617, 619; D14/100, 107, 114**

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Albritton & Herbert

## [57] CLAIM

The ornamental design for an opto-electrical signal converter, shown and described.

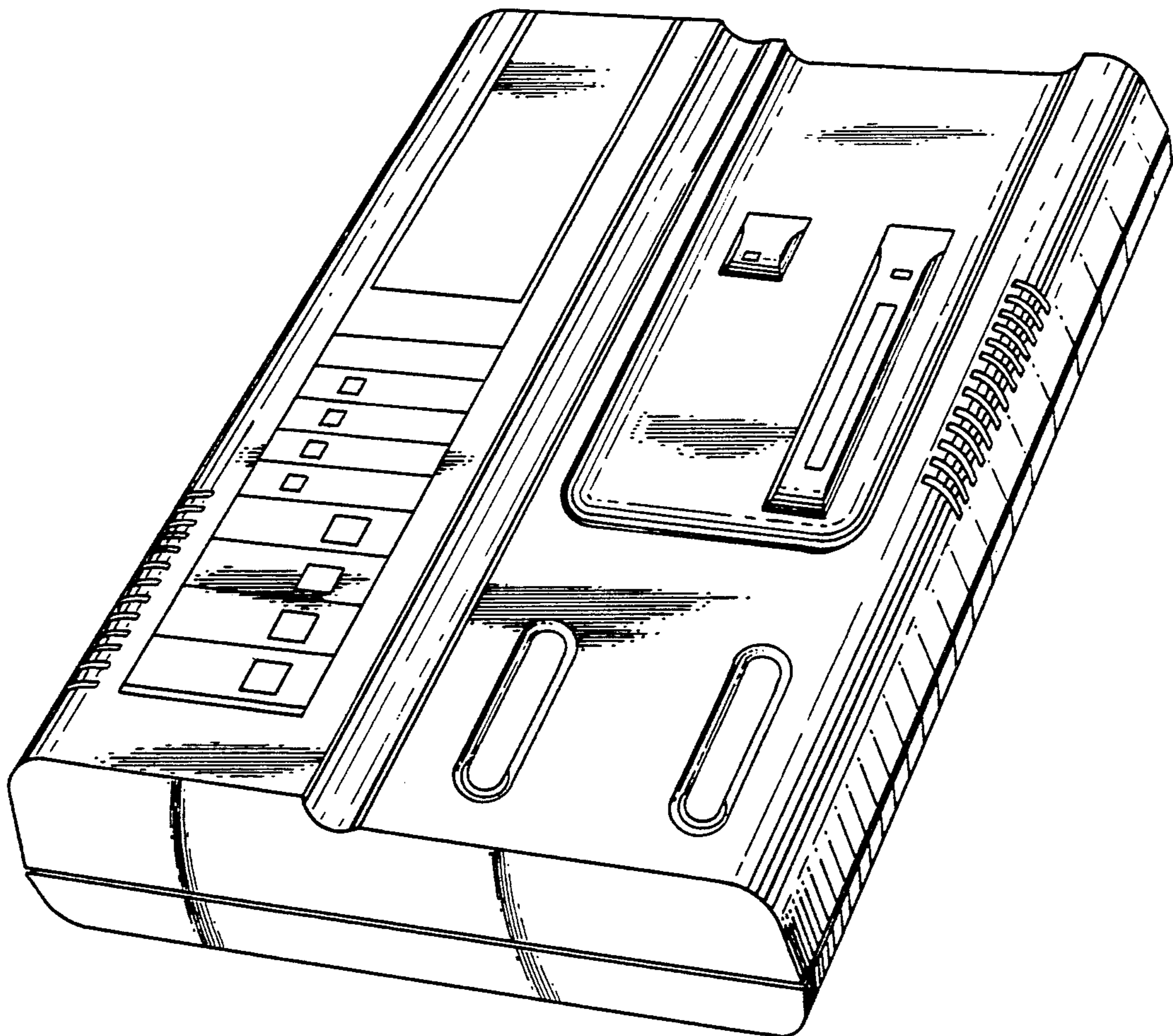
## DESCRIPTION

FIG. 1 is top plan view of an opto-electrical signal converter showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a bottom plan view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a left side elevational view thereof; and, FIG. 7 is a top perspective view thereof.

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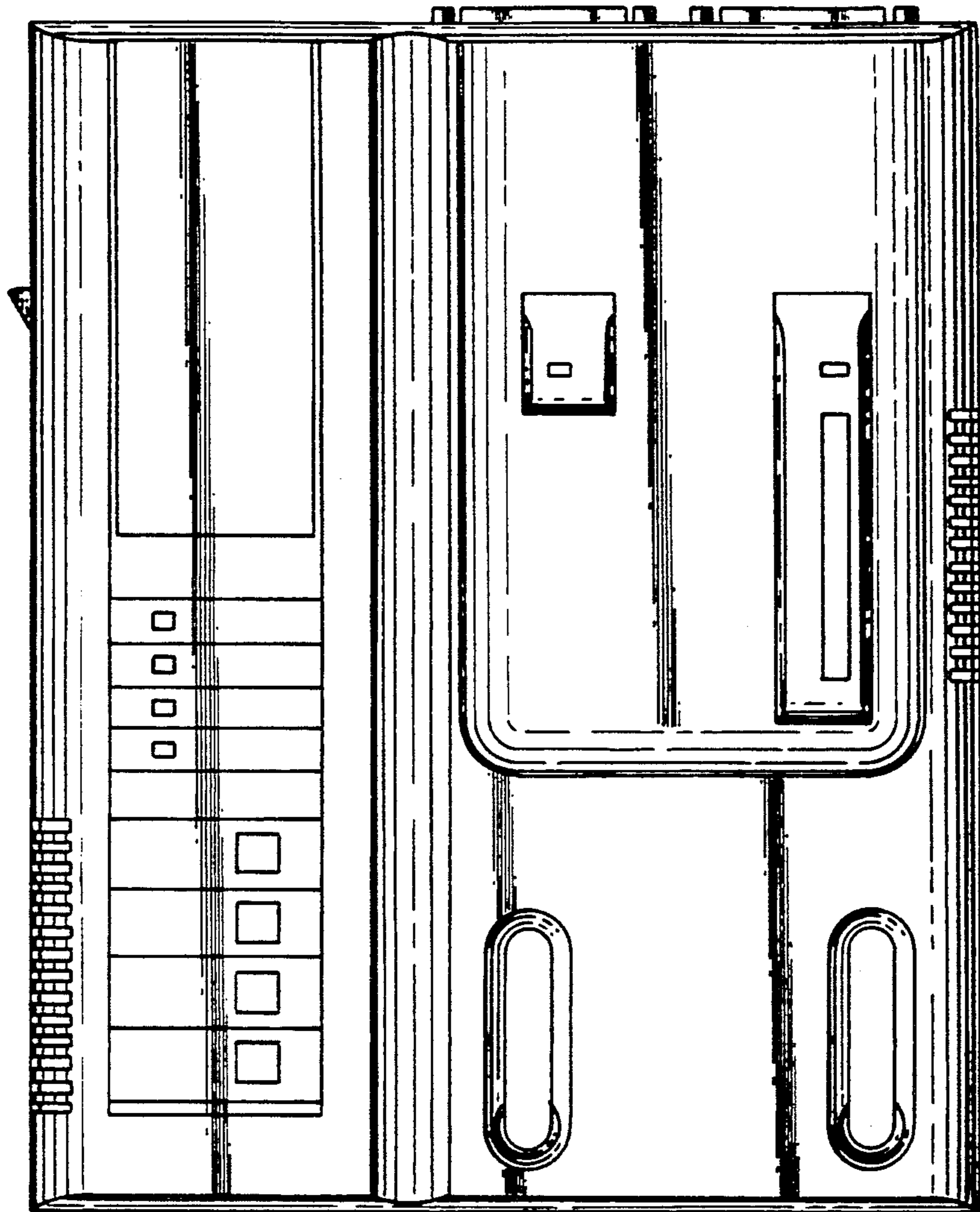


FIG. 1

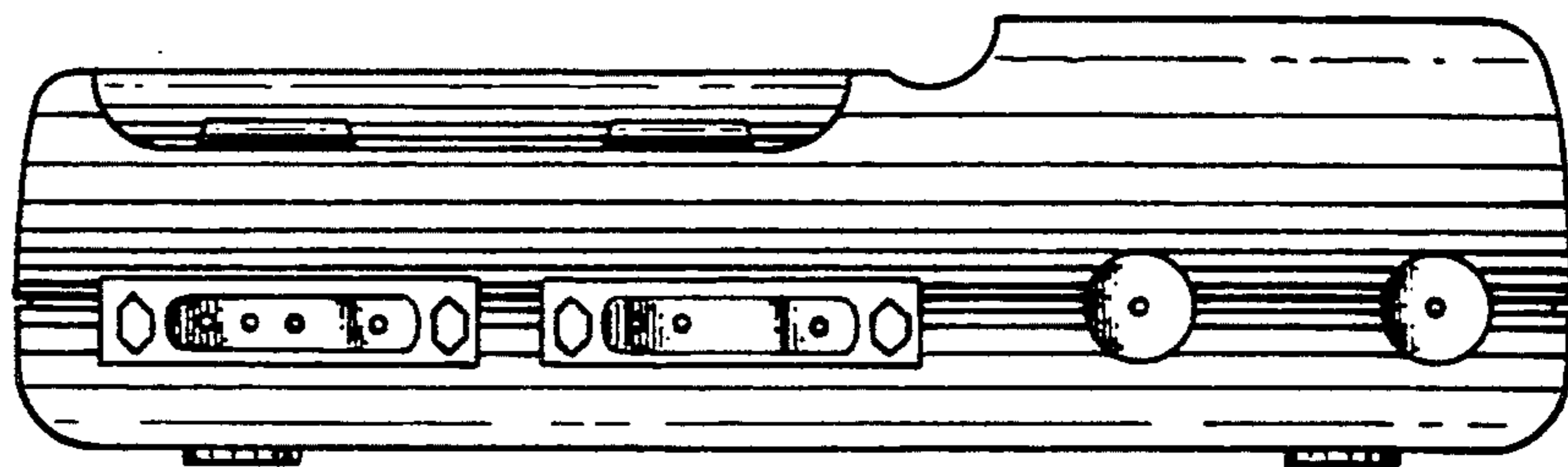


FIG. 2

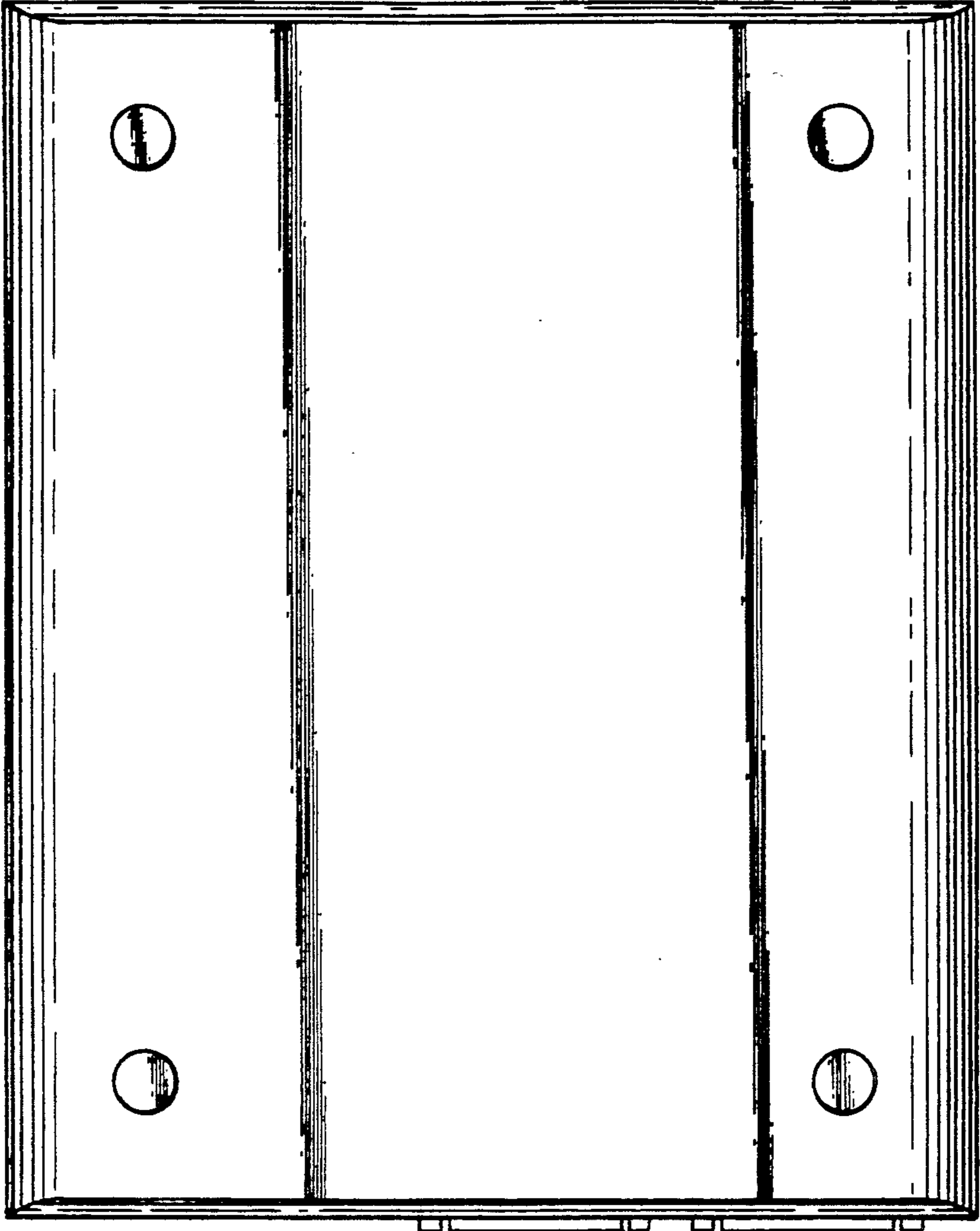


FIG. 3

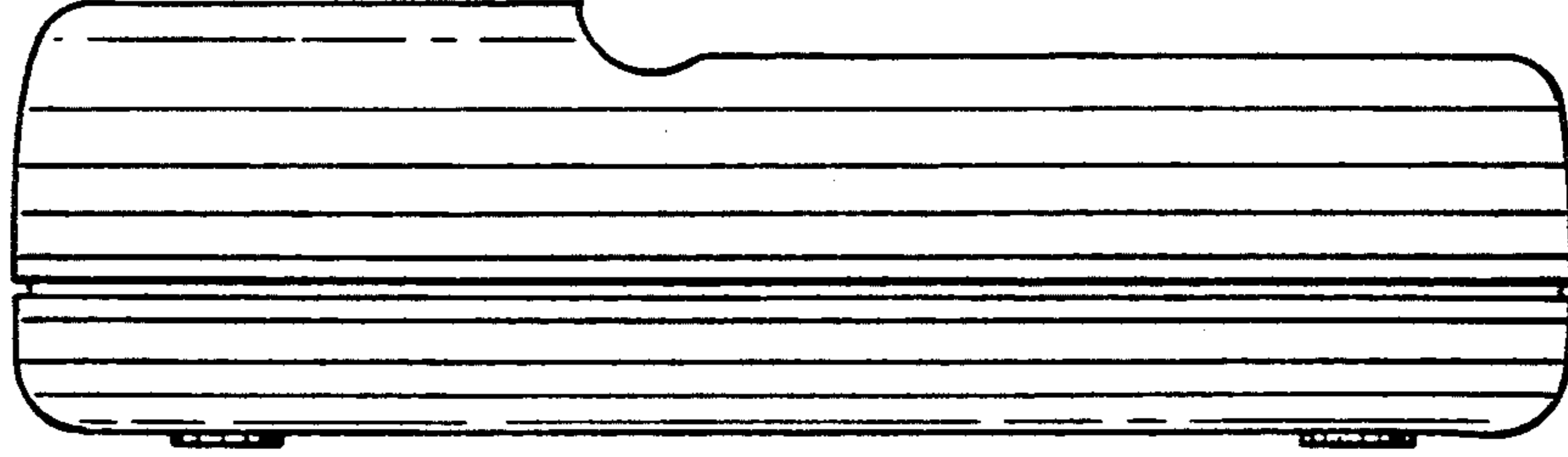


FIG. 4

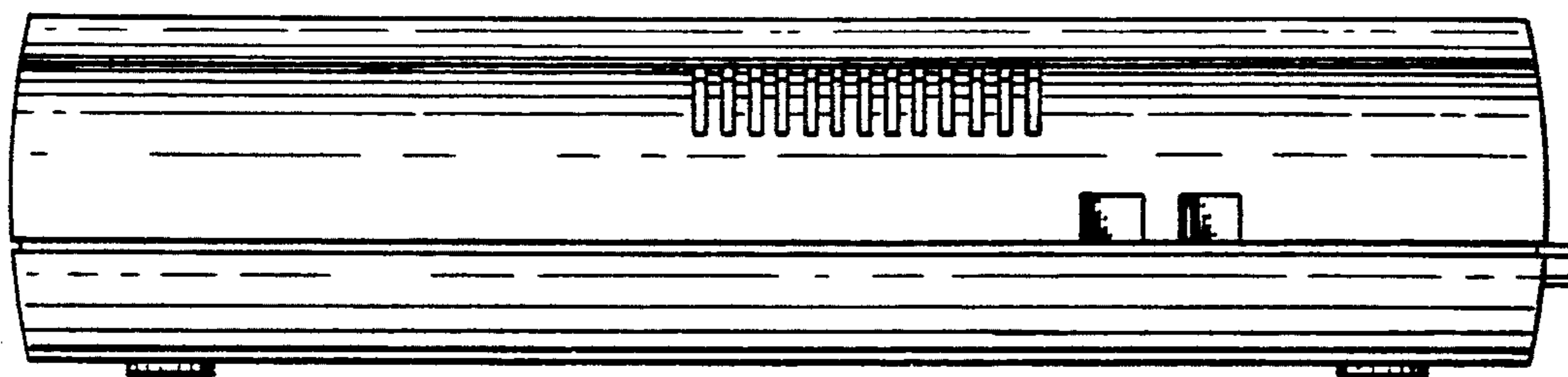


FIG. 5

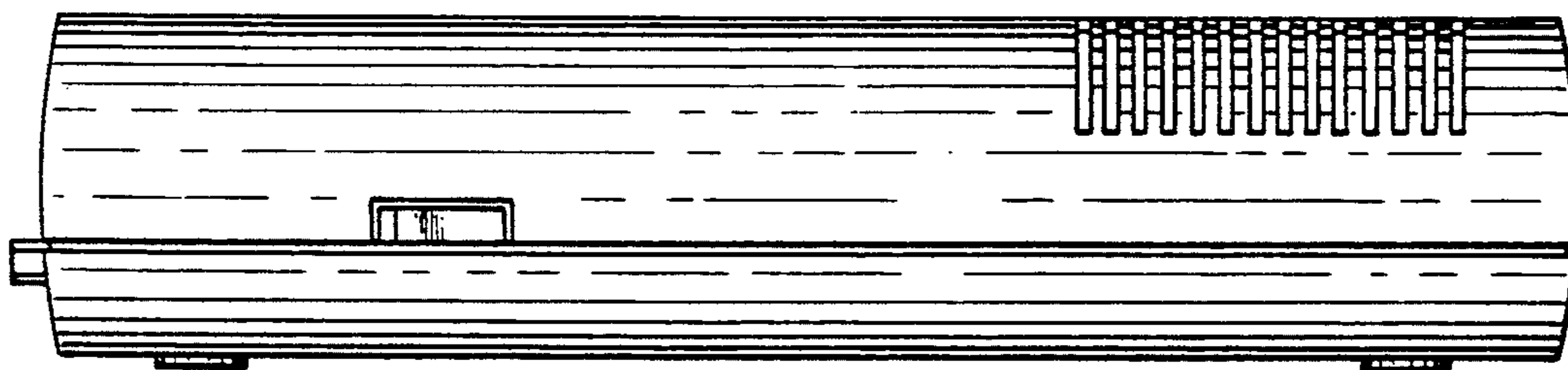


FIG. 6

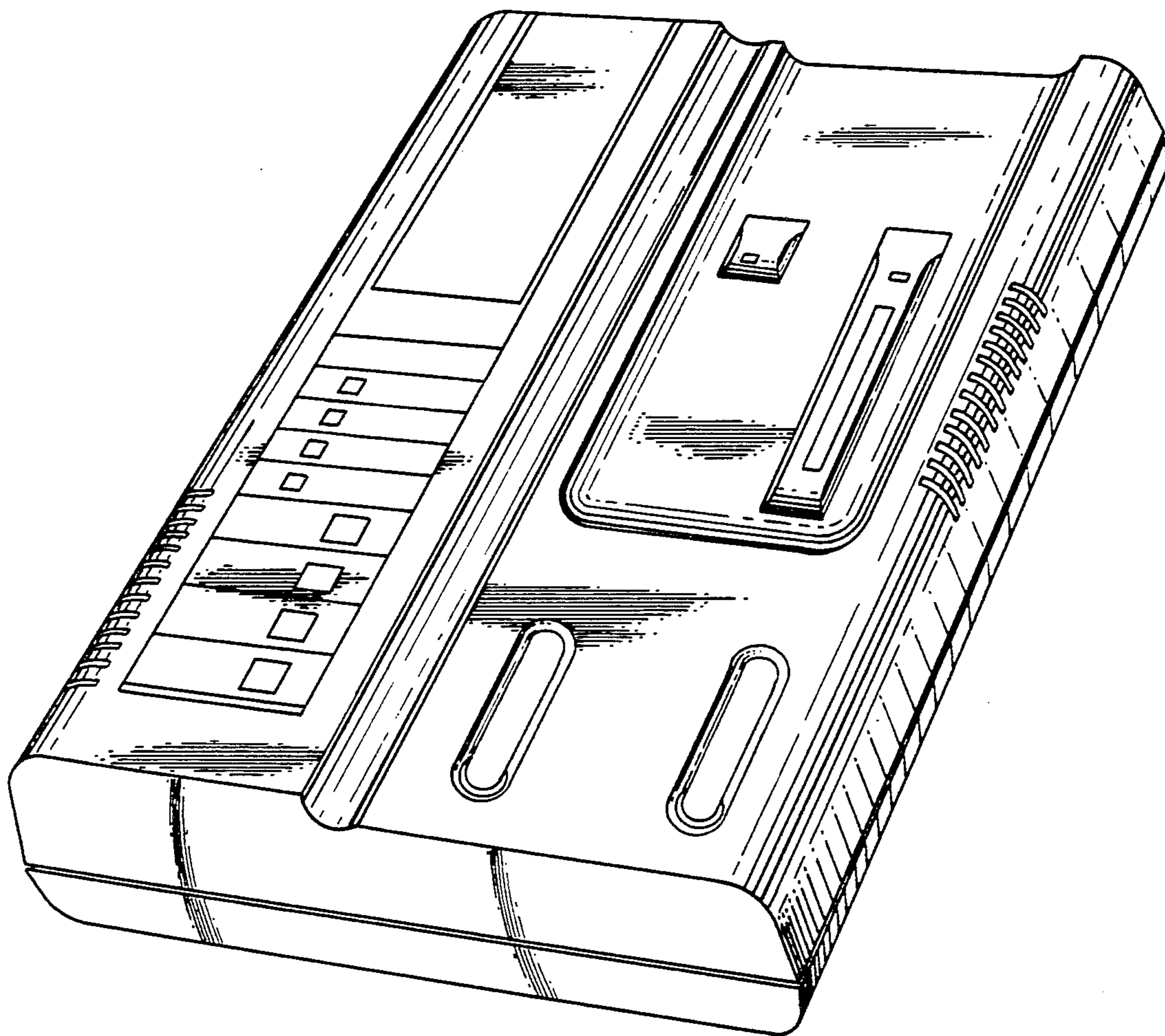


FIG. 7