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(12) **United States Design Patent**  
**Tanigawa et al.**

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(54) **TELEVISION TUNER**

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(\*\*) **Term:** **14 Years**

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(52) **U.S. Cl.** ..... **D14/125**

(58) **Field of Classification Search** ..... D14/125-134, D14/239, 371, 374-376, 135, 136, 492, 299, D14/356, 361-363, 365, 496; 312/7.2, 208.1-223.2; 348/836, 838, 180, 184, 325, 739, 10, 460; 341/12; 248/917-924; 345/104, 133, 156, 345/168, 87; 361/690-696  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D301,476 S \* 6/1989 Scianna et al. .... D14/188
- D307,910 S \* 5/1990 Tominaga et al. .... D14/299
- D313,230 S \* 12/1990 Isaacs ..... D14/125
- D344,507 S \* 2/1994 Ryu ..... D14/135
- D345,970 S \* 4/1994 Kawamoto ..... D14/125

- D347,631 S \* 6/1994 Terleski ..... D14/125
- D348,064 S \* 6/1994 Saito et al. .... D14/193
- D438,183 S \* 2/2001 Sato et al. .... D14/136
- D459,321 S \* 6/2002 Kojima et al. .... D14/136
- D469,066 S 1/2003 Takahashi
- D475,036 S \* 5/2003 Tejima ..... D14/168
- D481,021 S \* 10/2003 Hayashi et al. .... D14/125
- D483,728 S \* 12/2003 Kim ..... D14/136

**FOREIGN PATENT DOCUMENTS**

- JP D1098442 1/2001
- JP D1134403 2/2002

\* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a television tuner, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a television tuner of the present invention;  
FIG. 2 is a front view thereof;  
FIG. 3 is a first side view thereof;  
FIG. 4 is a second side view thereof;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof; and,  
FIG. 7 is a rear view thereof.

**1 Claim, 3 Drawing Sheets**

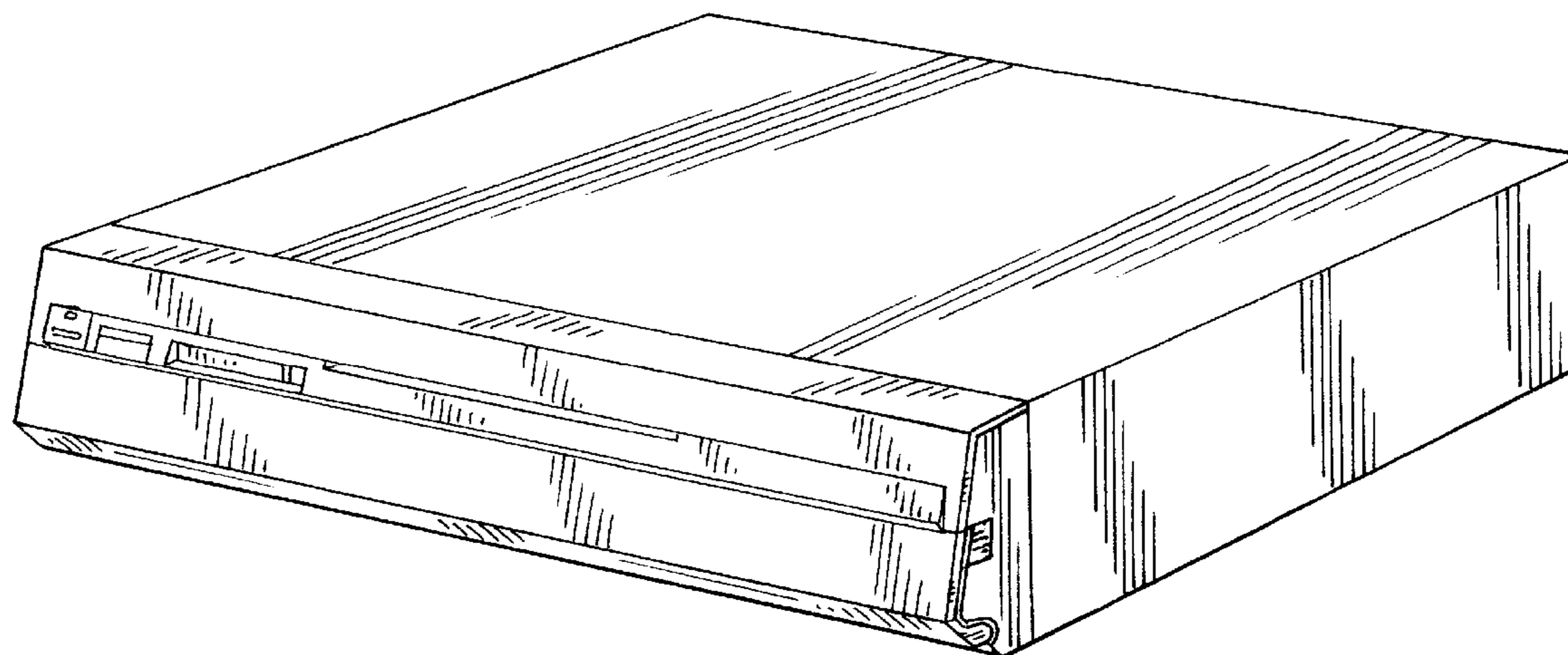


FIG.1

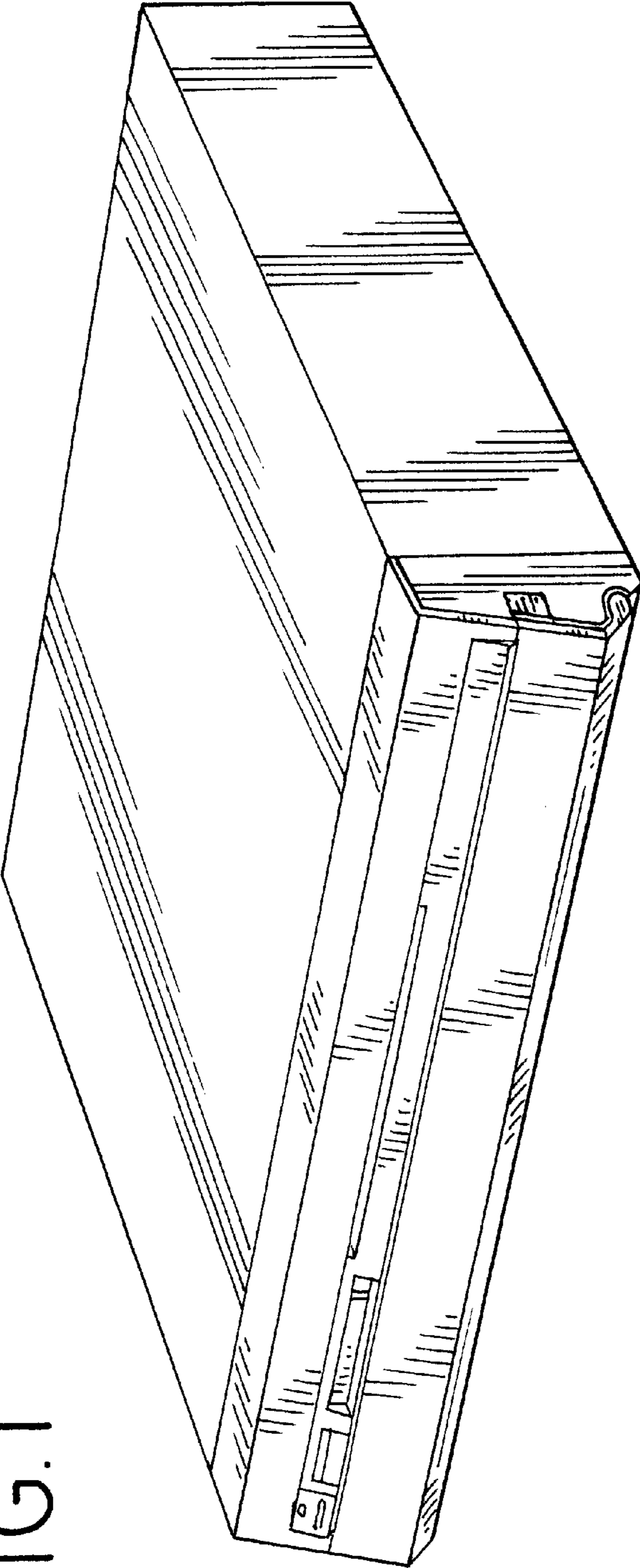


FIG. 2

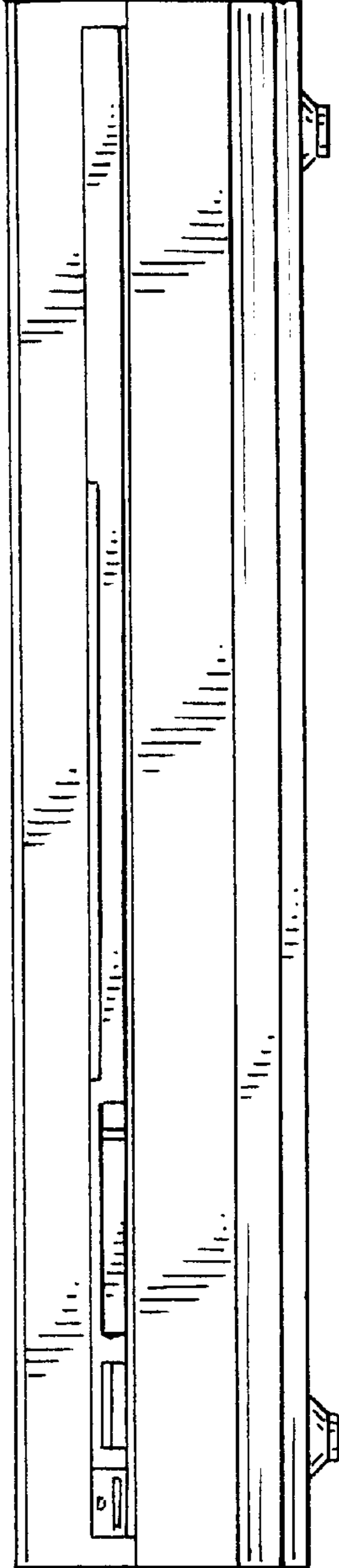


FIG. 3

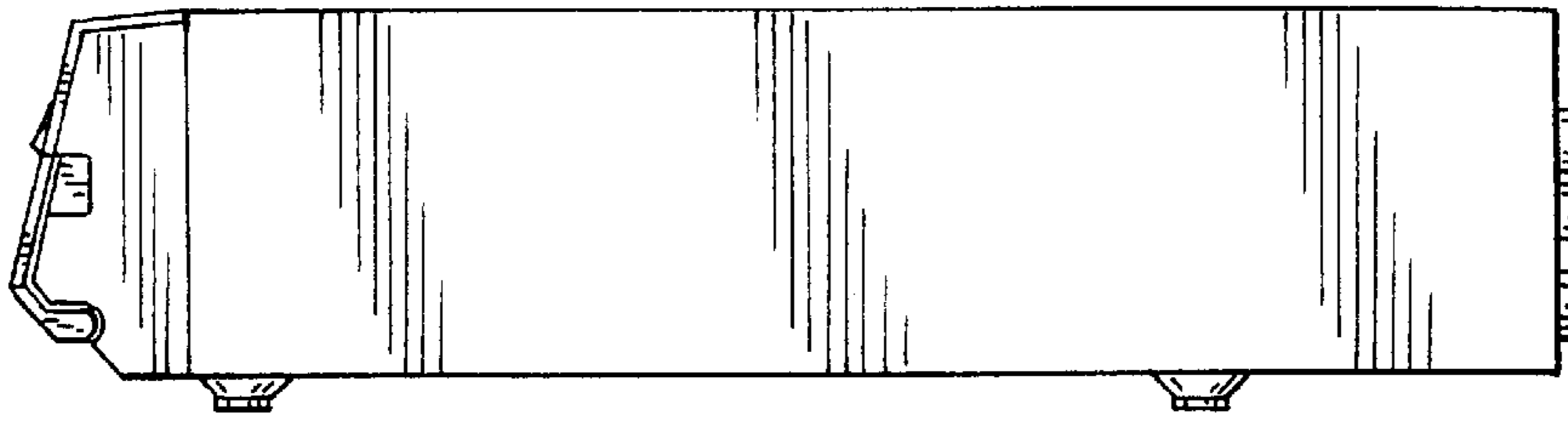


FIG. 4

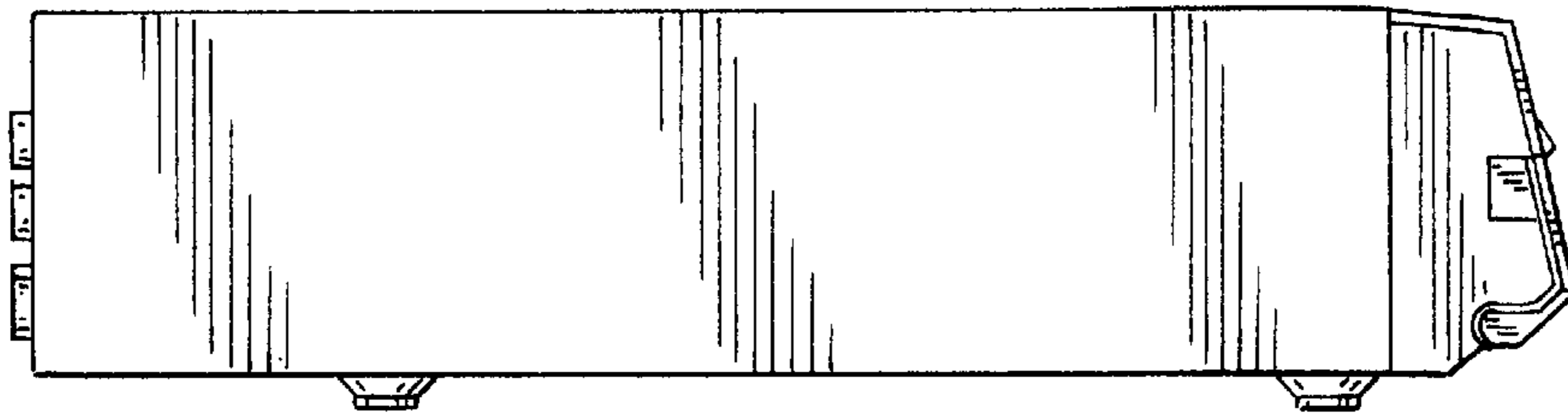


FIG. 5

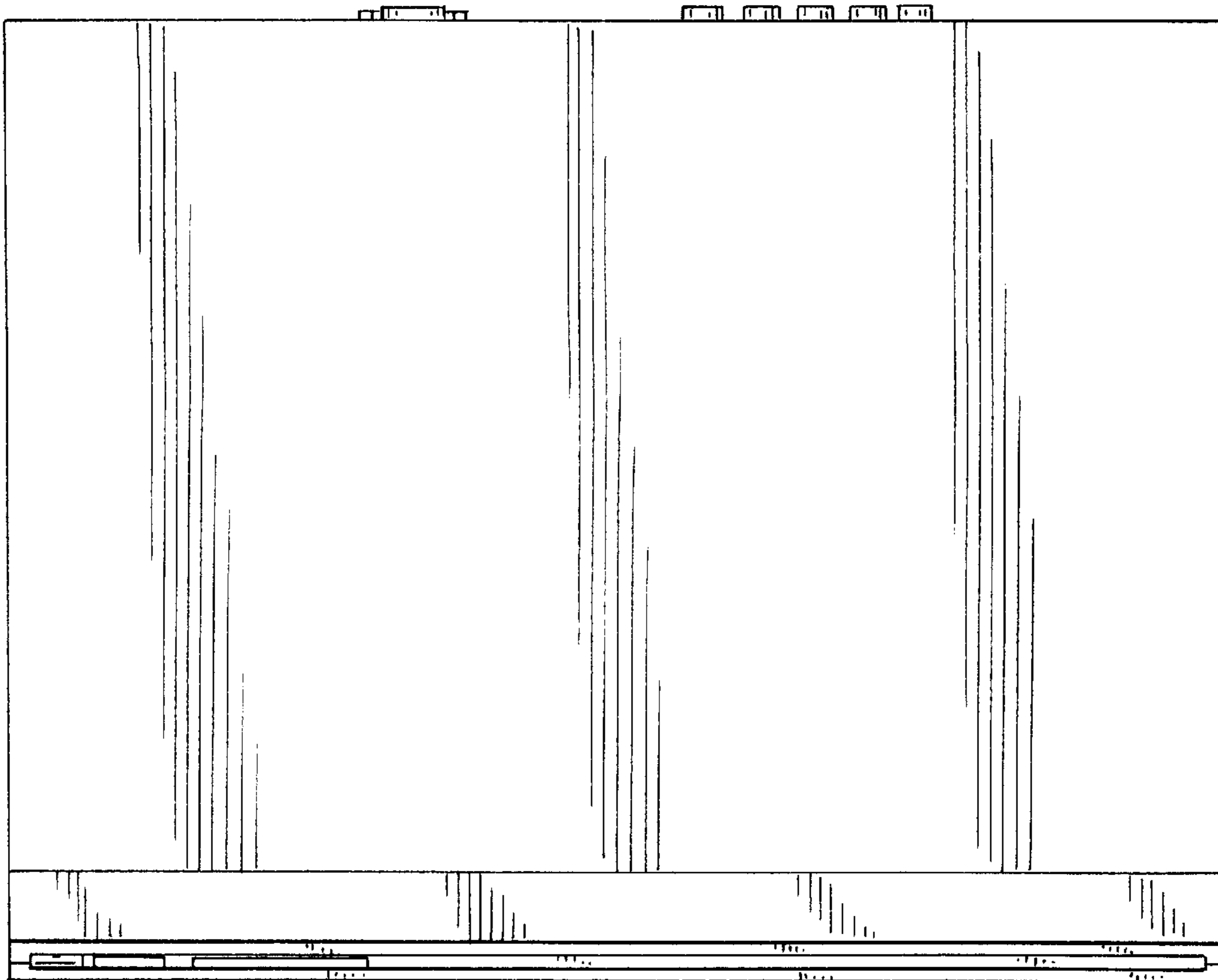


FIG. 6

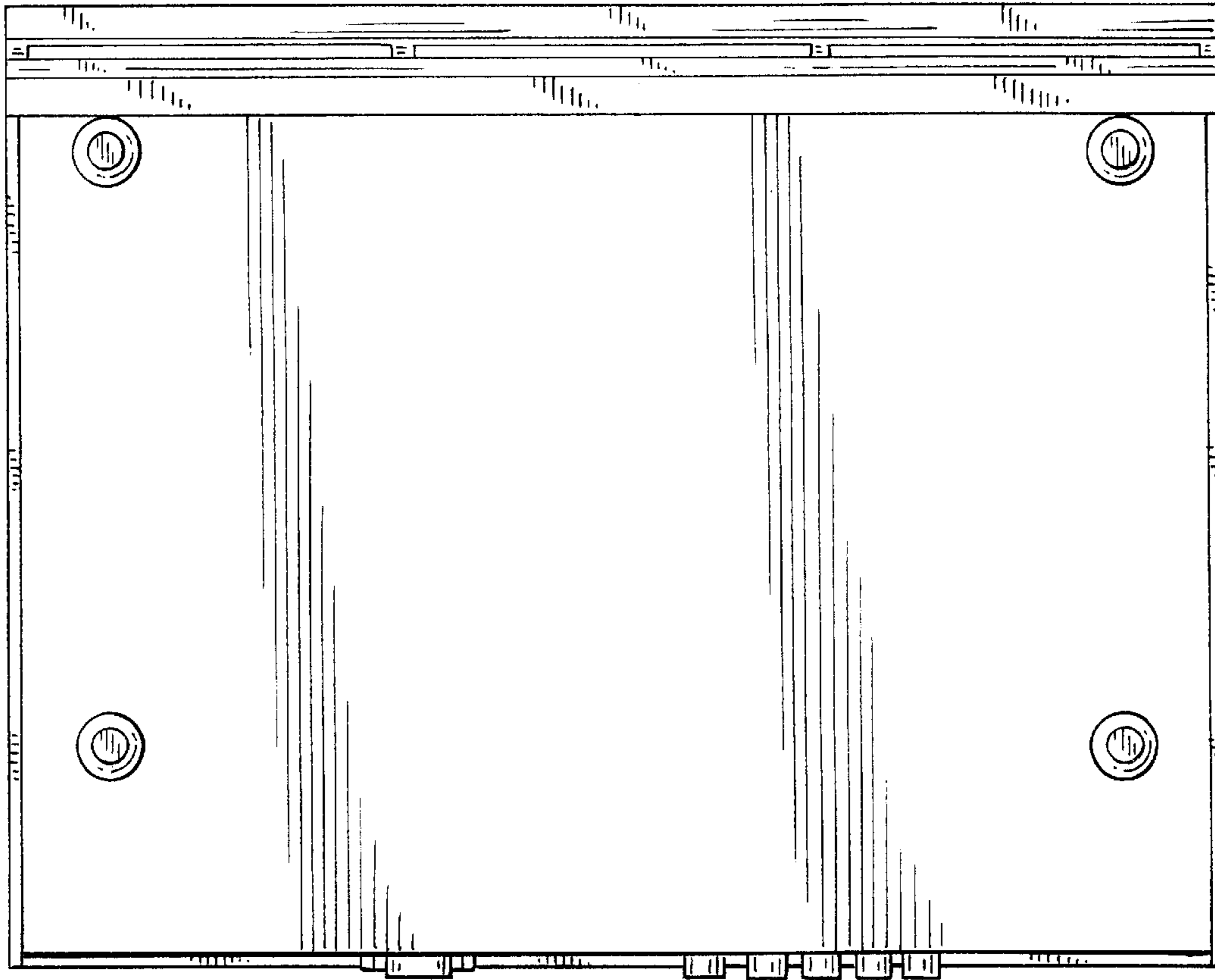


FIG. 7

