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

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(54) **SPECTROMETER**

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- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/627,946**
- (22) Filed: **Nov. 30, 2017**

**Related U.S. Application Data**

- (63) Continuation of application No. 35/501,554, filed on  
Mar. 15, 2016 (U.S. filing date under 35 U.S.C. 384),  
and having an international filing date of Mar. 15,  
2016, now Pat. No. Des. 812,502.
- (51) **LOC (12) Cl.** ..... **10-04**
- (52) **U.S. Cl.**  
USPC ..... **D10/81**
- (58) **Field of Classification Search**  
USPC ..... D10/47, 81; D13/158-160;  
D14/420-425; D15/122, 127, 135;  
D18/14, 19, 36-39, 50, 53, 54, 54.1, 55,  
D18/81  
See application file for complete search history.

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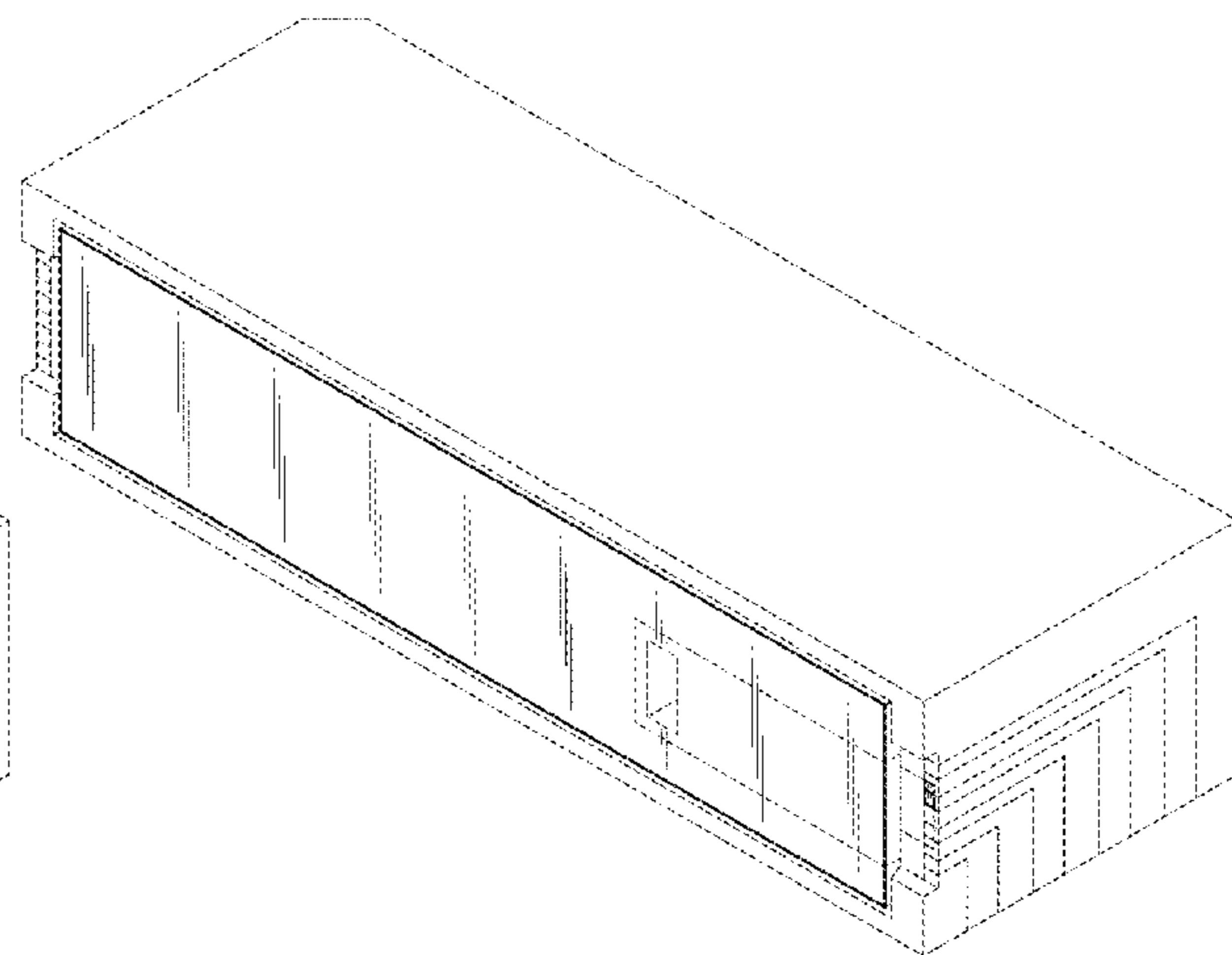
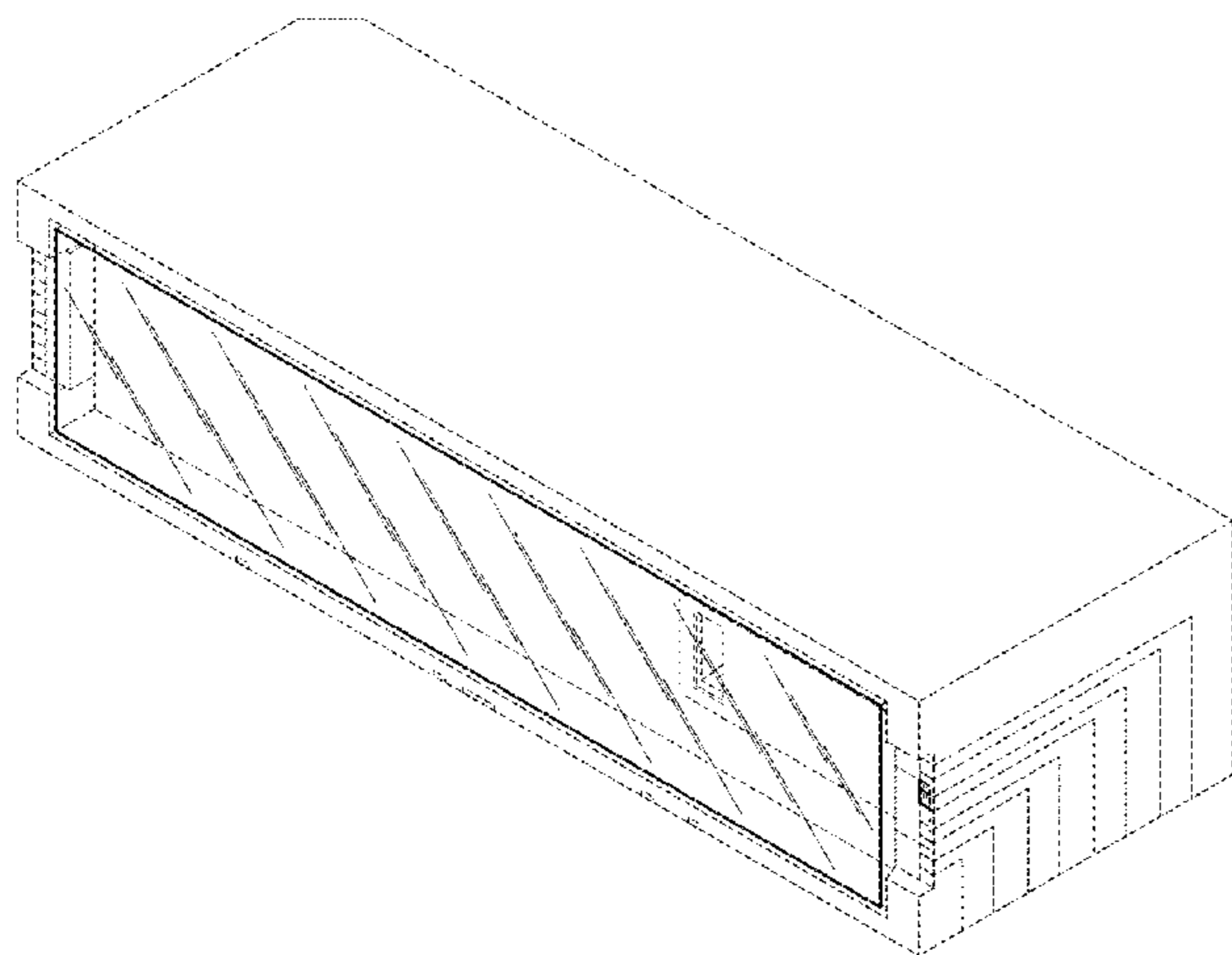
(57) **CLAIM**

The ornamental design for a spectrometer, as shown and  
described.

**DESCRIPTION**

FIG. 1 is a perspective view of the first embodiment of a spectrometer.  
FIG. 2 is a front view of the spectrometer of FIG. 1.  
FIG. 3 is a rear view of the spectrometer of FIG. 1.  
FIG. 4 is a top plan view of the spectrometer of FIG. 1.  
FIG. 5 is a bottom view of the spectrometer of FIG. 1.  
FIG. 6 is a left side view of the spectrometer of FIG. 1.  
FIG. 7 is a right side view of the spectrometer of FIG. 1.  
FIG. 8 is a sectional view taken along the line 8-8 of the spectrometer of FIG. 2.  
FIG. 9 is a perspective view of the second embodiment of a spectrometer.  
FIG. 10 is a front view of the spectrometer of FIG. 9.  
FIG. 11 is a rear view of the spectrometer of FIG. 9.  
FIG. 12 is a top plan view of the spectrometer of FIG. 9.  
FIG. 13 is a bottom view of the spectrometer of FIG. 9.  
FIG. 14 is a left side view of the spectrometer of FIG. 9.  
FIG. 15 is a right side view of the spectrometer of FIG. 9; and,  
FIG. 16 is a sectional view taken along the line 16-16 of the spectrometer of FIG. 10.  
The broken lines show portions of a spectrometer that form no part of the claimed design.

**1 Claim, 16 Drawing Sheets**



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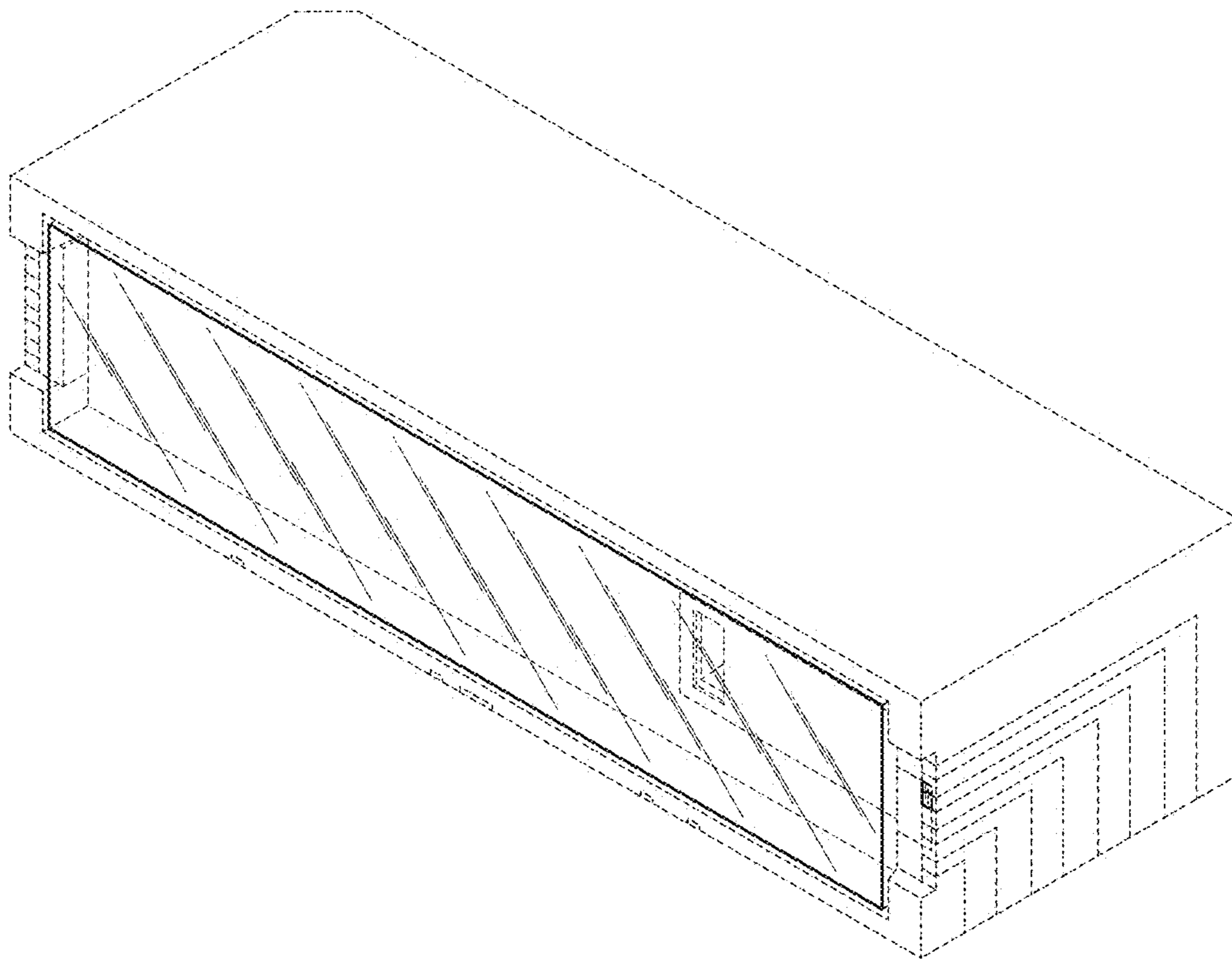


FIG. 1

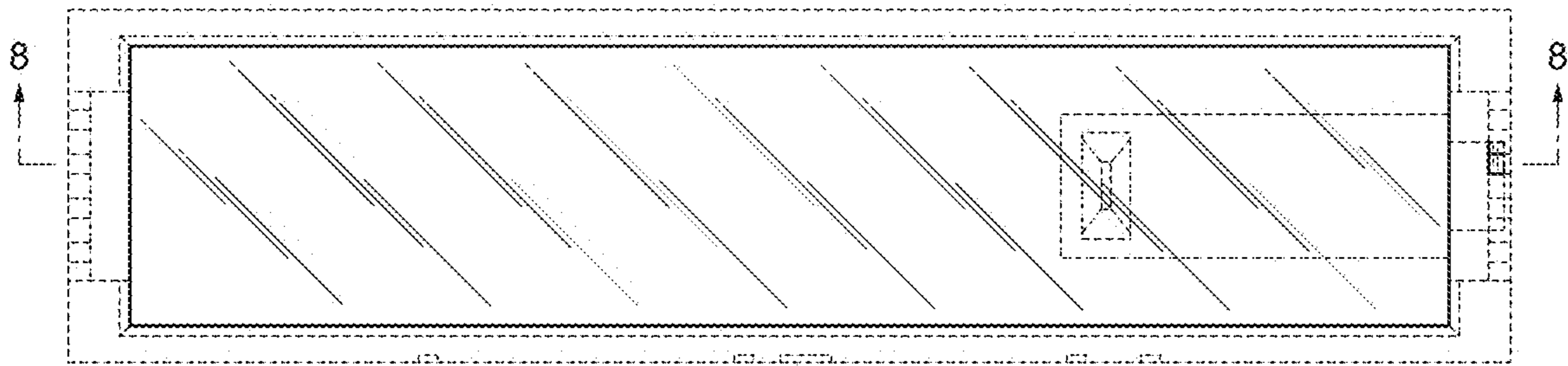


FIG. 2



FIG. 3



FIG. 4

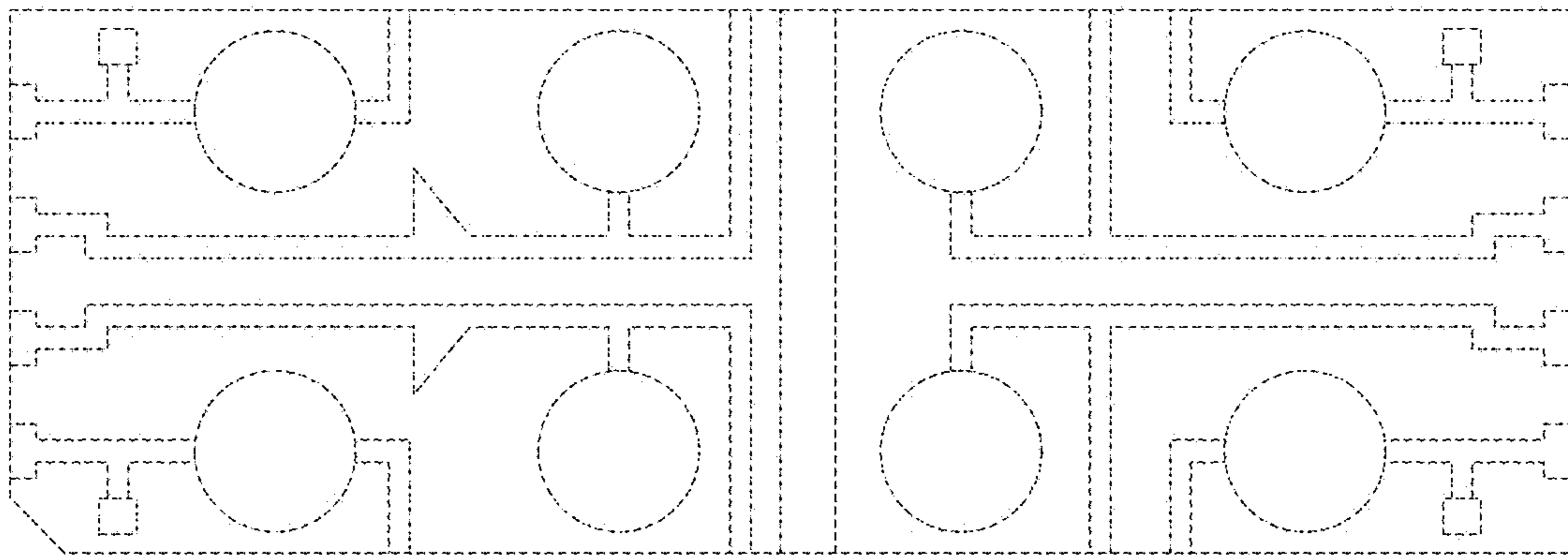


FIG. 5

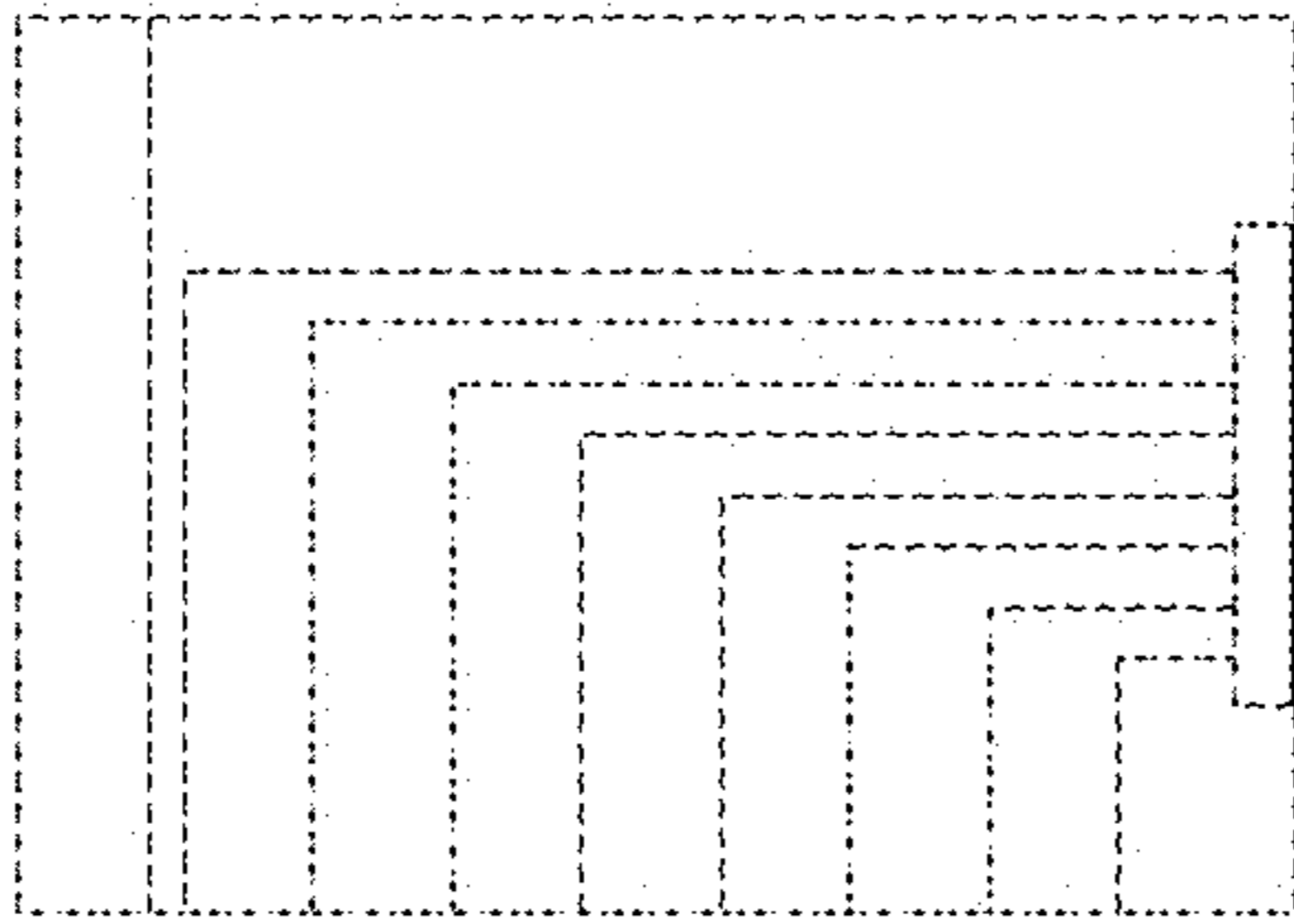


FIG. 6



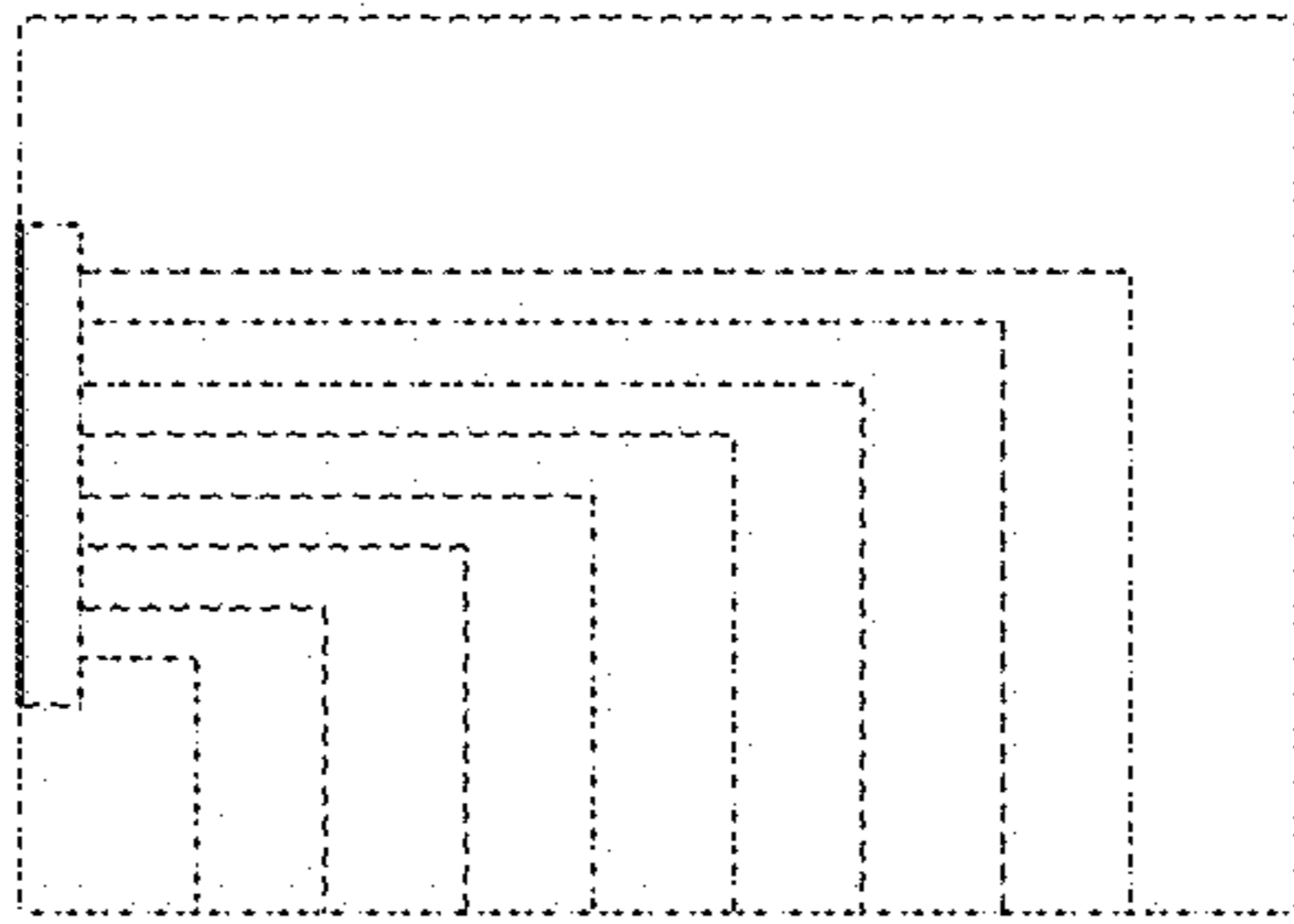


FIG. 7

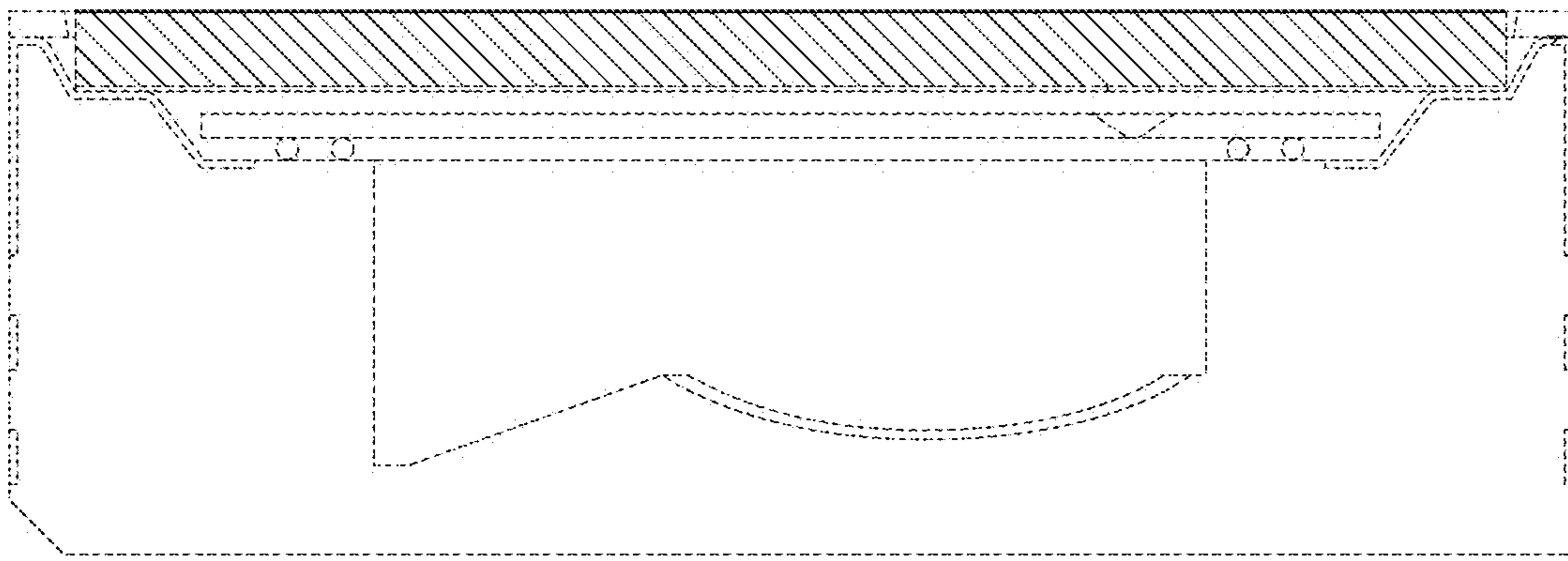


FIG. 8

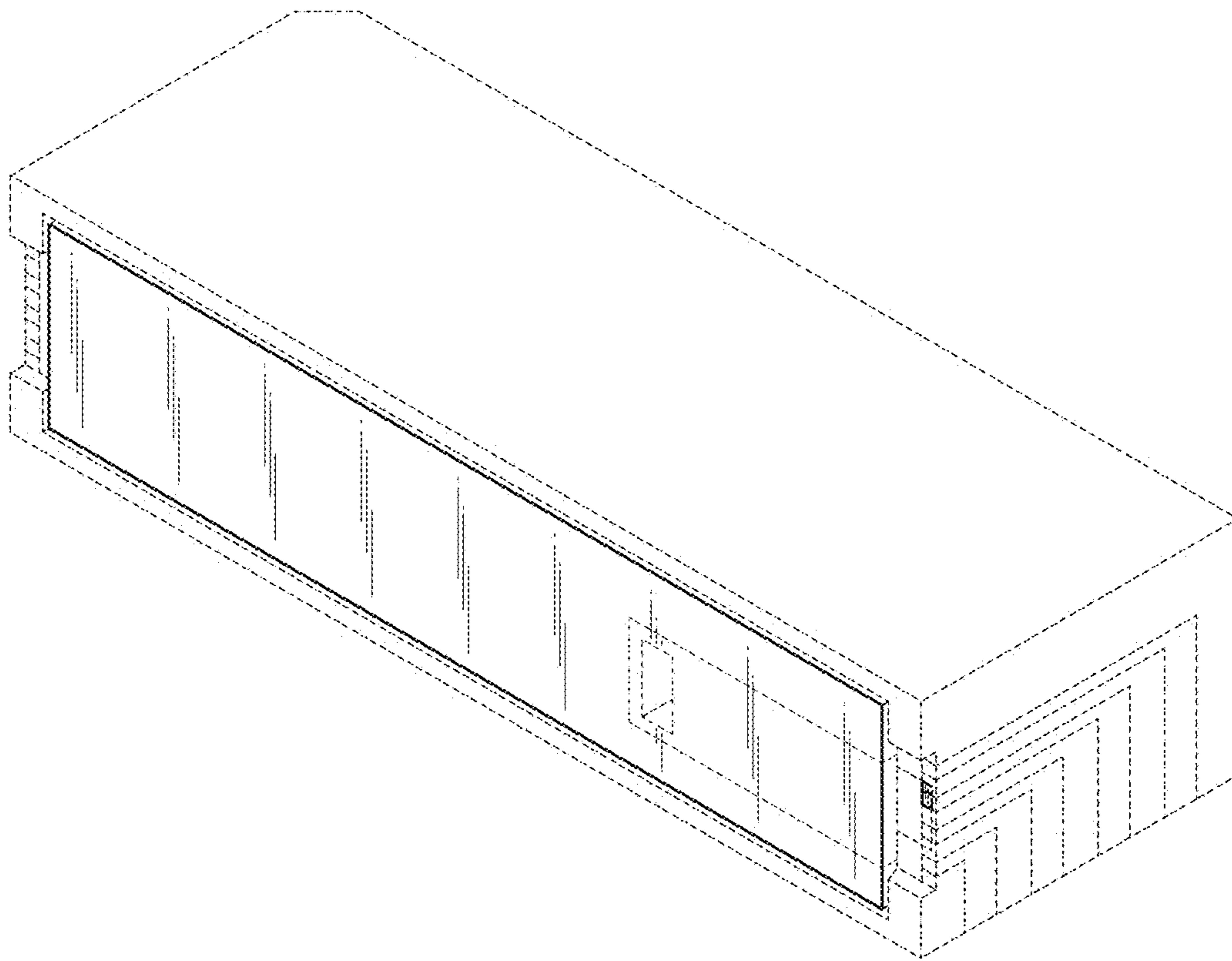


FIG. 9

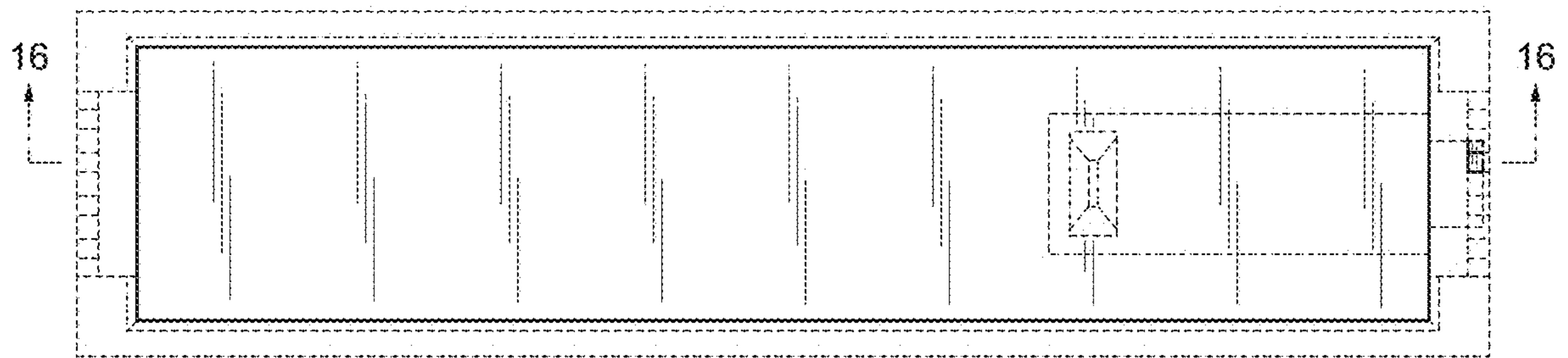


FIG. 10



FIG. 11



FIG. 12

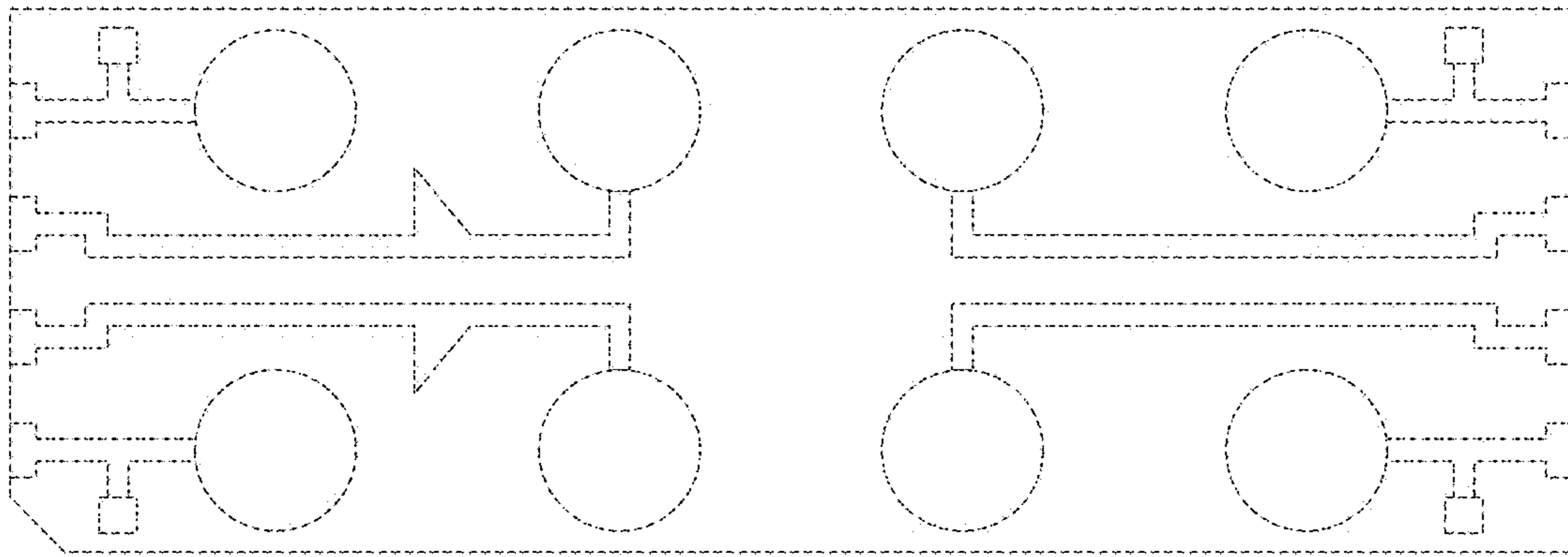


FIG. 13

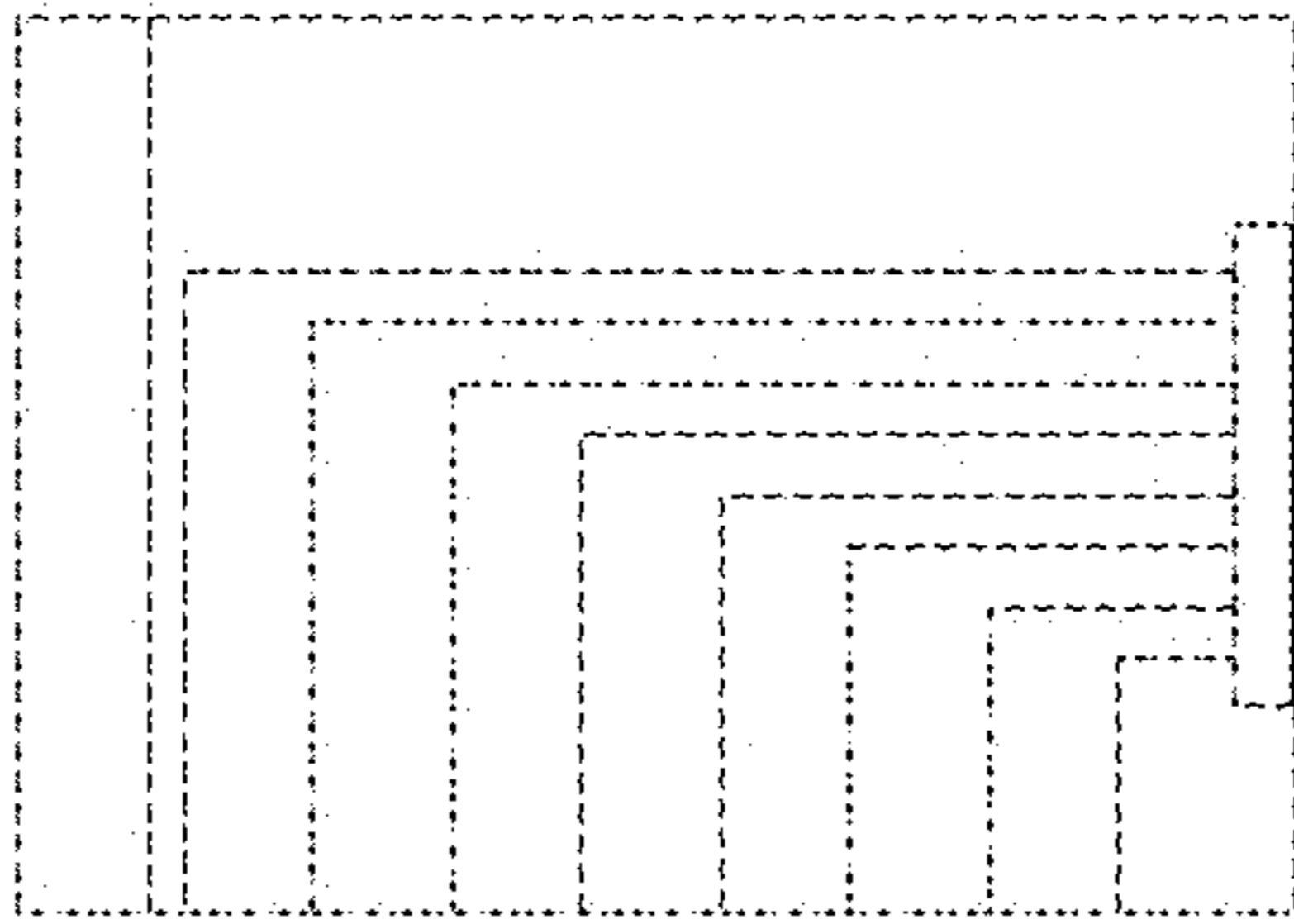


FIG. 14



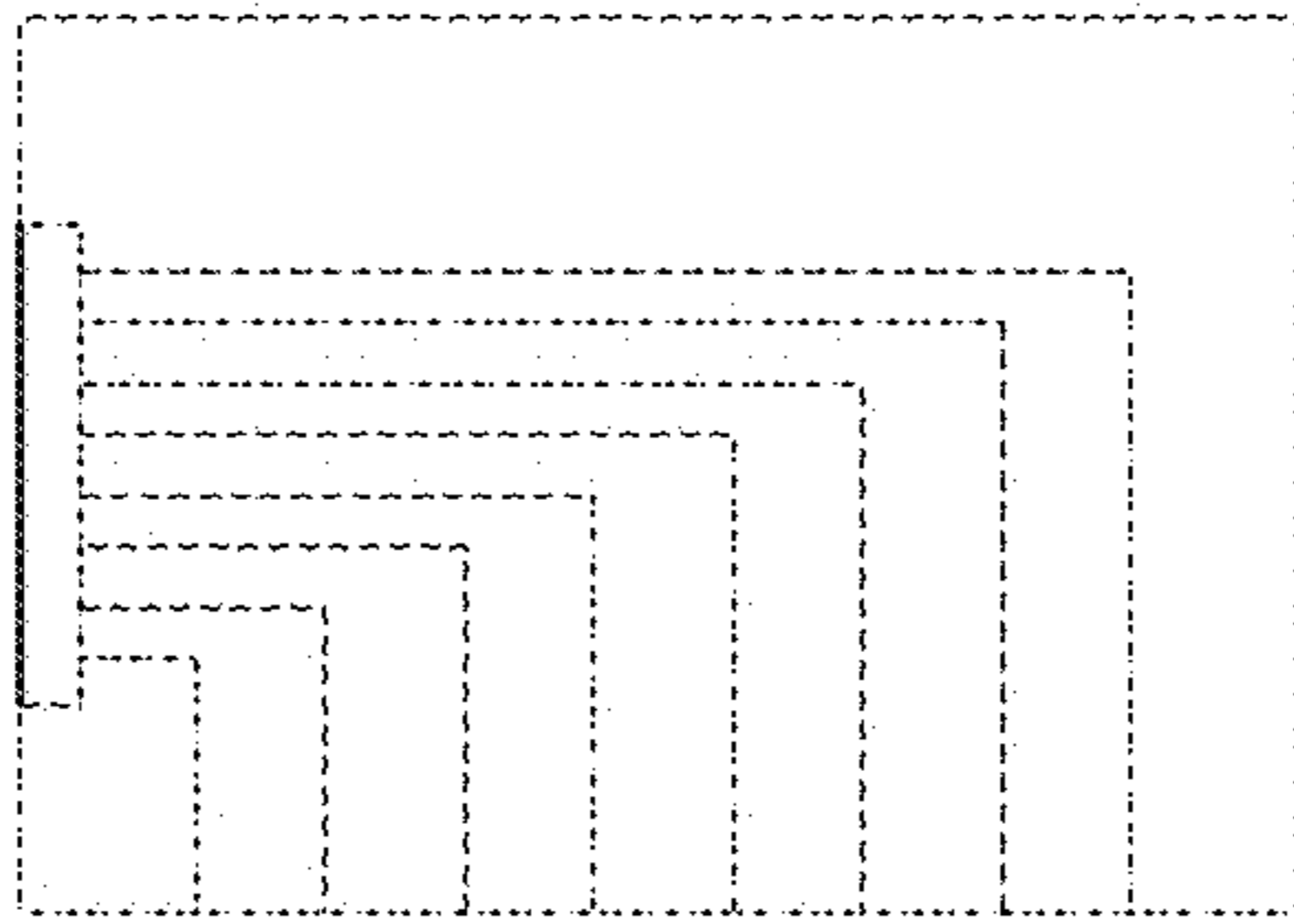


FIG. 15

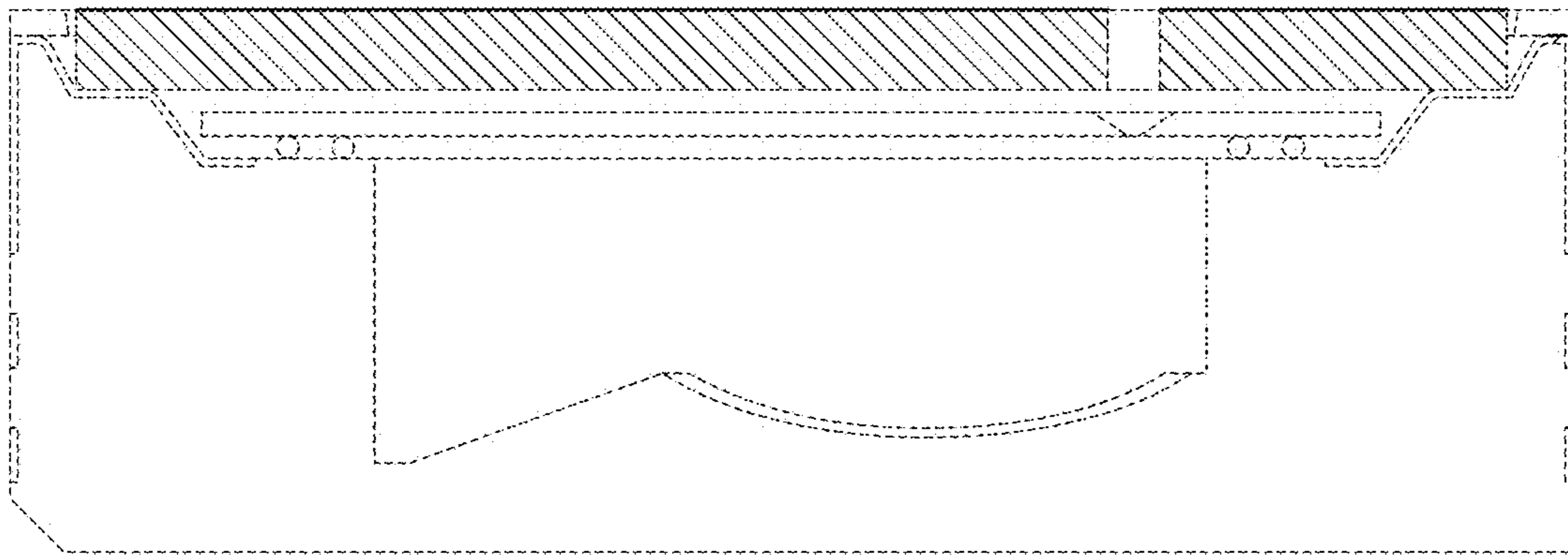


FIG. 16