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(12) **United States Design Patent** (10) **Patent No.:** **US D922,859 S**  
**Kao** (45) **Date of Patent:** **\*\* Jun. 22, 2021**

(54) **HANGING HOOK FOR A TOOL SUPPORTING RACK**  
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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
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248/301-304, 339, 110; 211/70  
CPC . A47G 1/00; A47G 25/00; B25H 3/04; B25H  
3/06; B25H 3/003  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a hanging hook for a tool supporting rack, as shown and described.

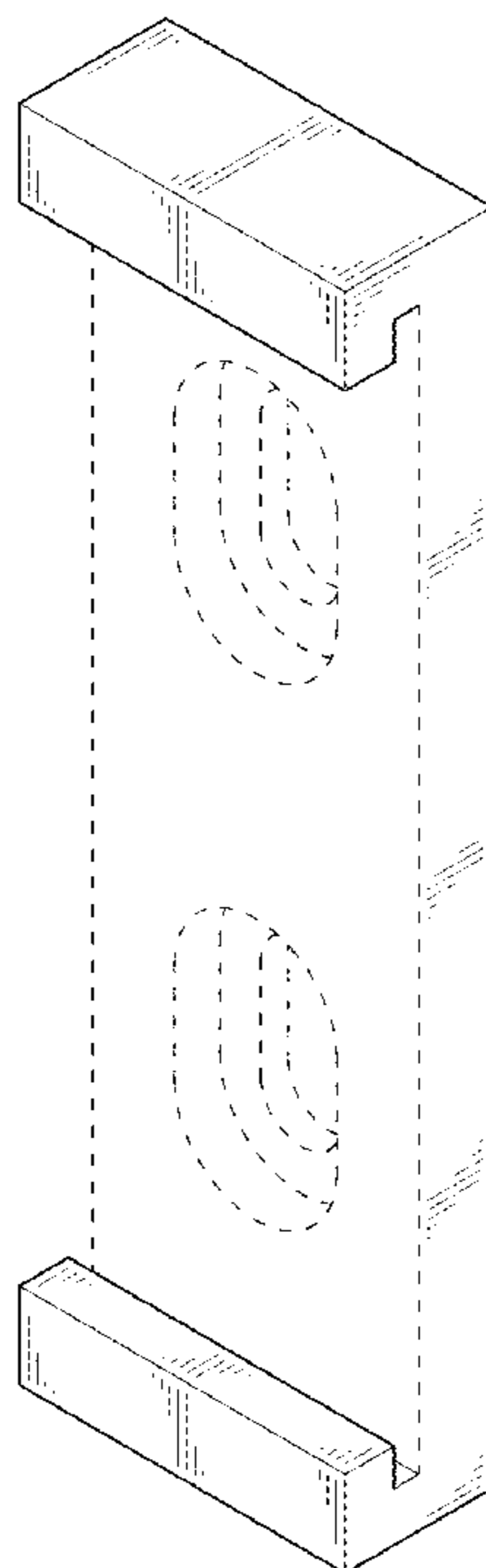
**DESCRIPTION**

FIG. 1 is a perspective view of a hanging hook for a tool supporting rack showing my new design; FIG. 2 is another perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a right side view thereof; FIG. 7 is a top view thereof; and, FIG. 8 is a bottom view thereof. The broken lines shown are included for the purpose of illustrating unclaimed portions of the article and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**

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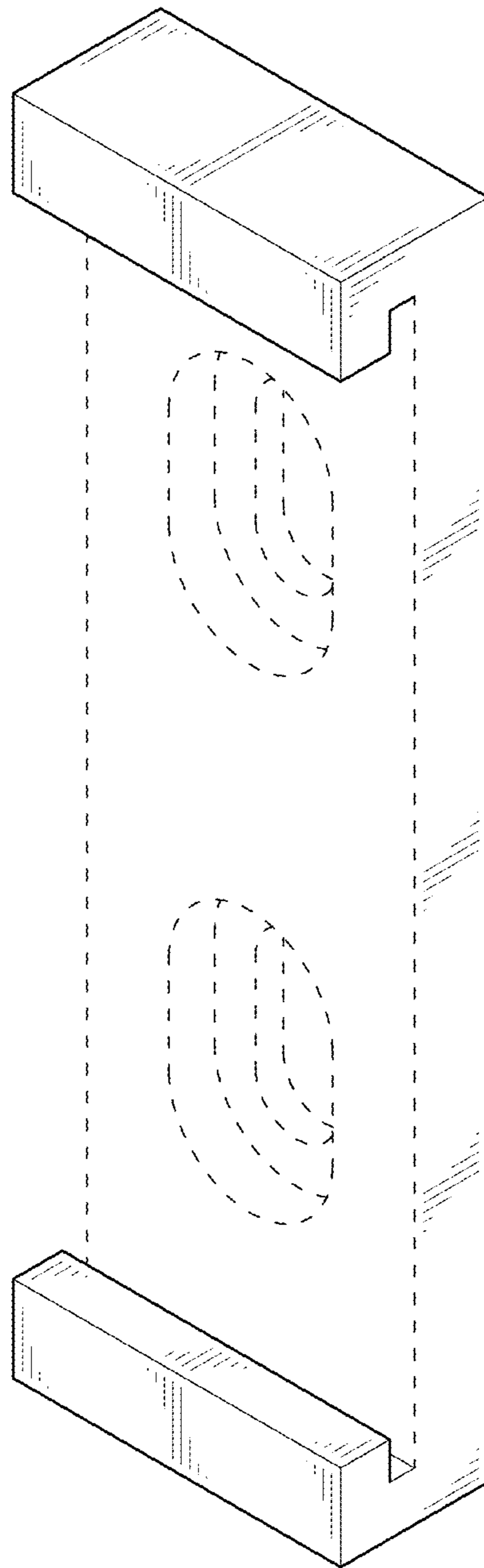


FIG.1

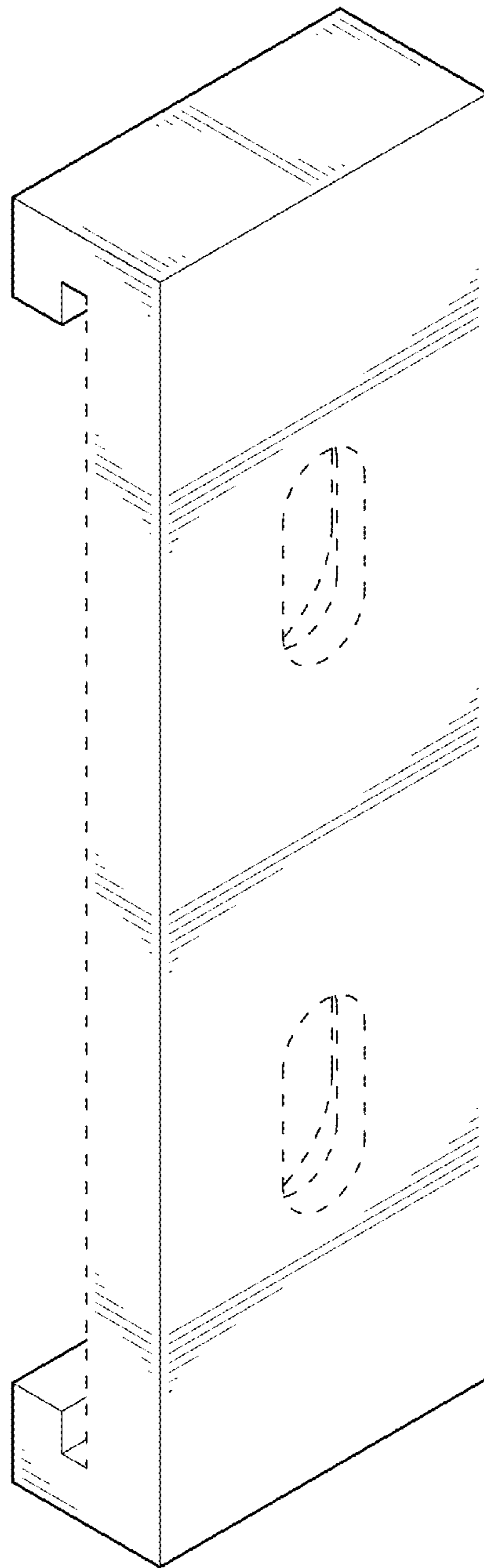


FIG.2

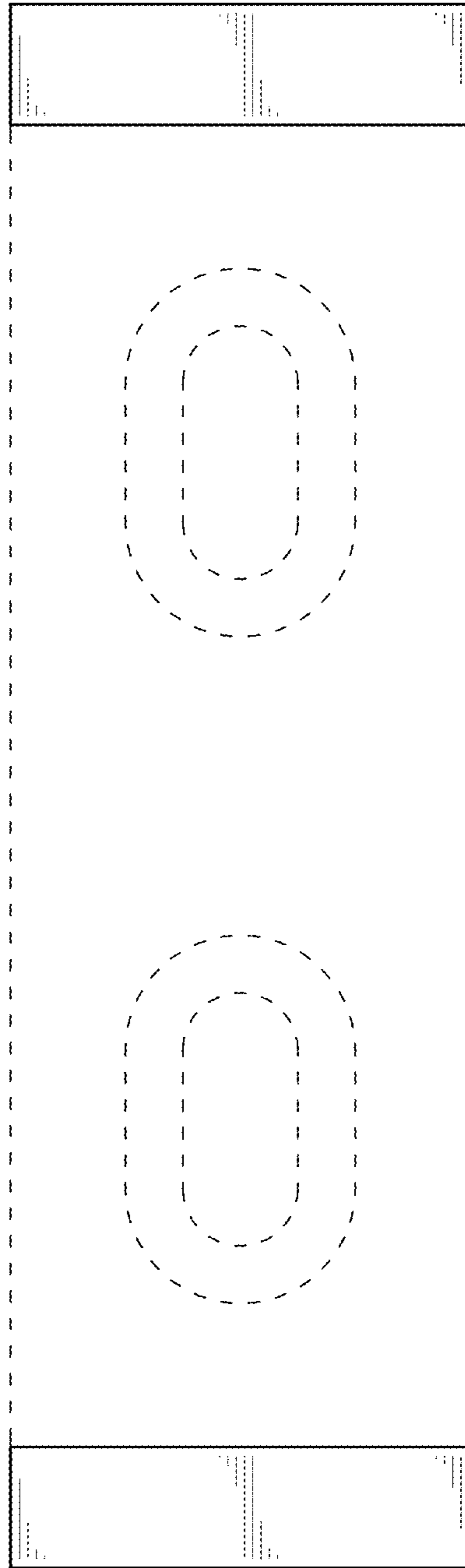


FIG.3

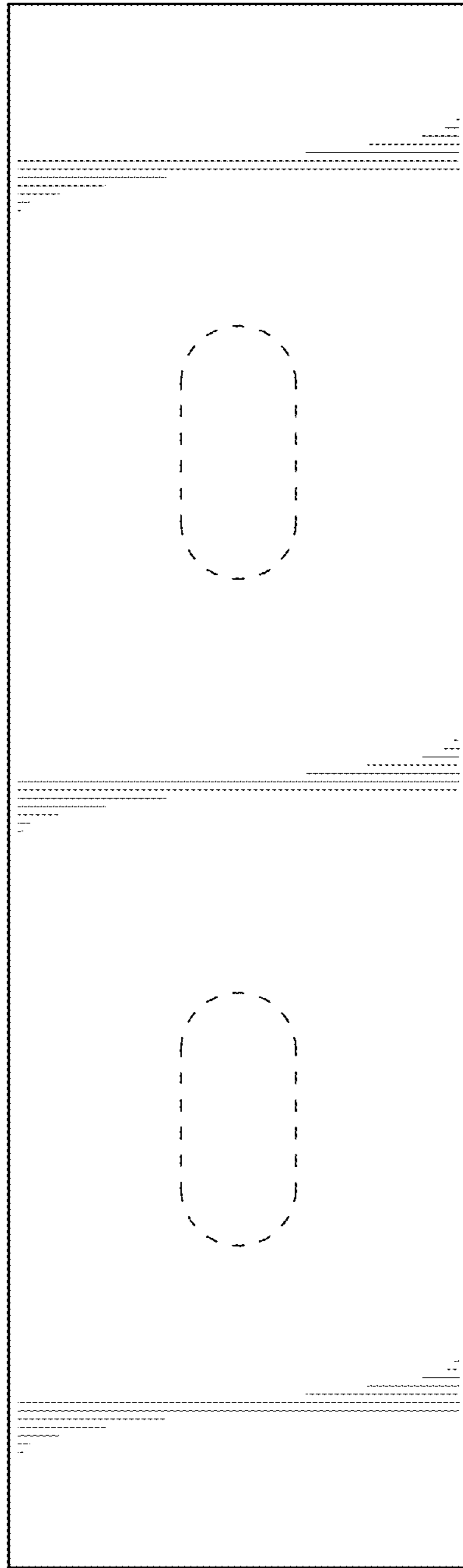


FIG.4

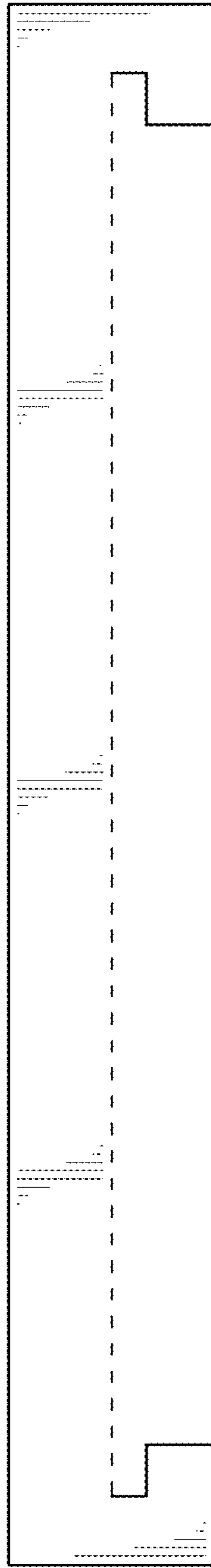


FIG.5

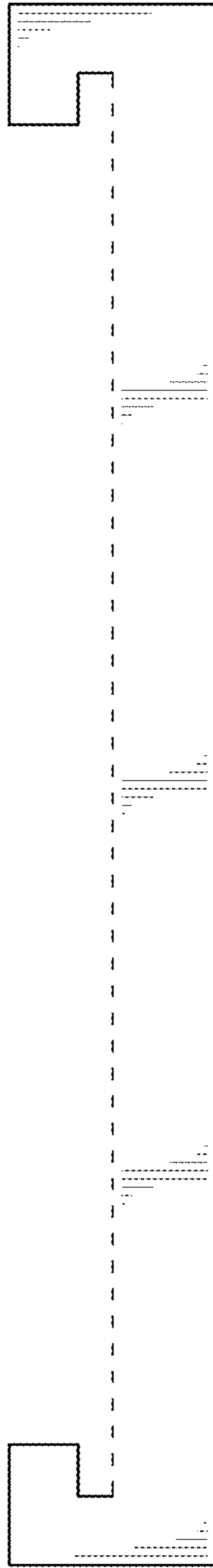


FIG.6

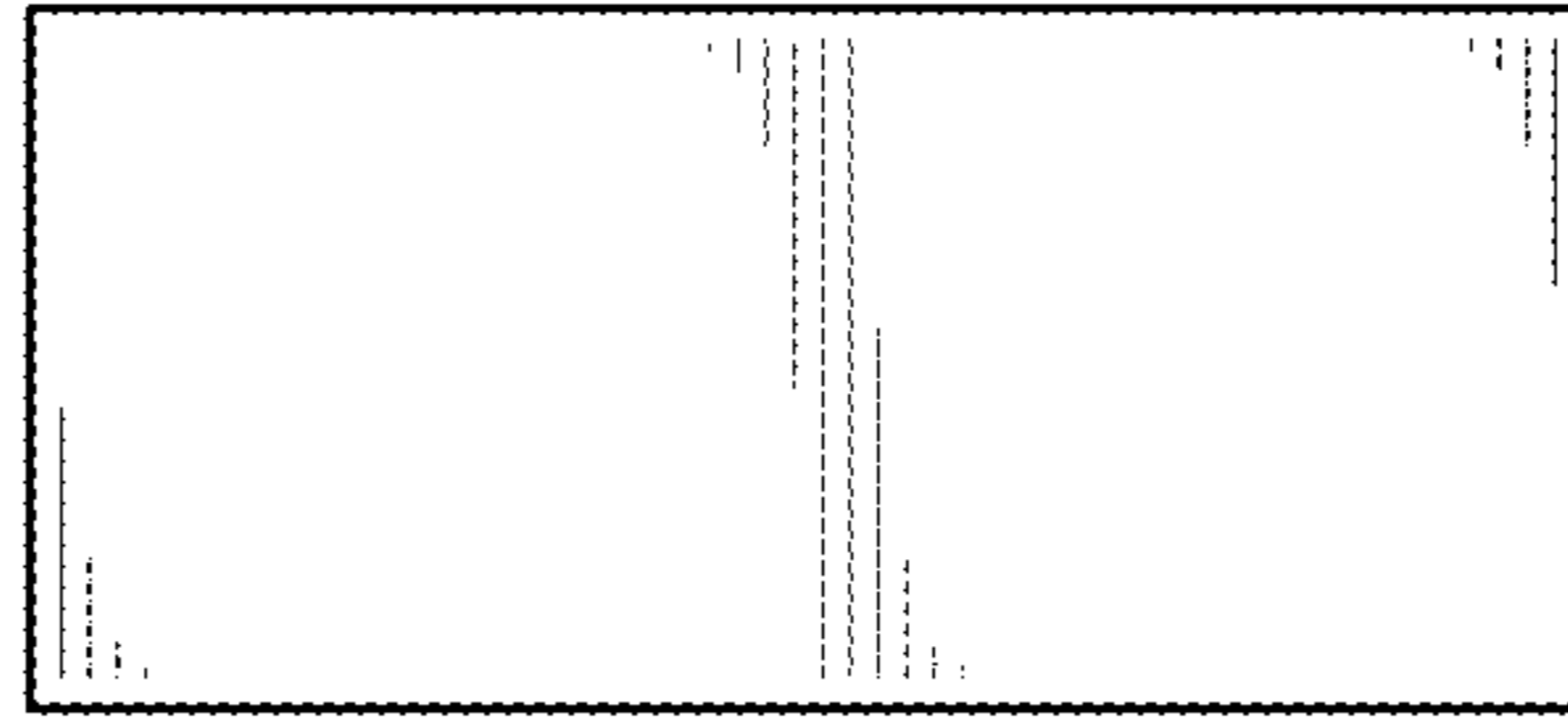


FIG.7



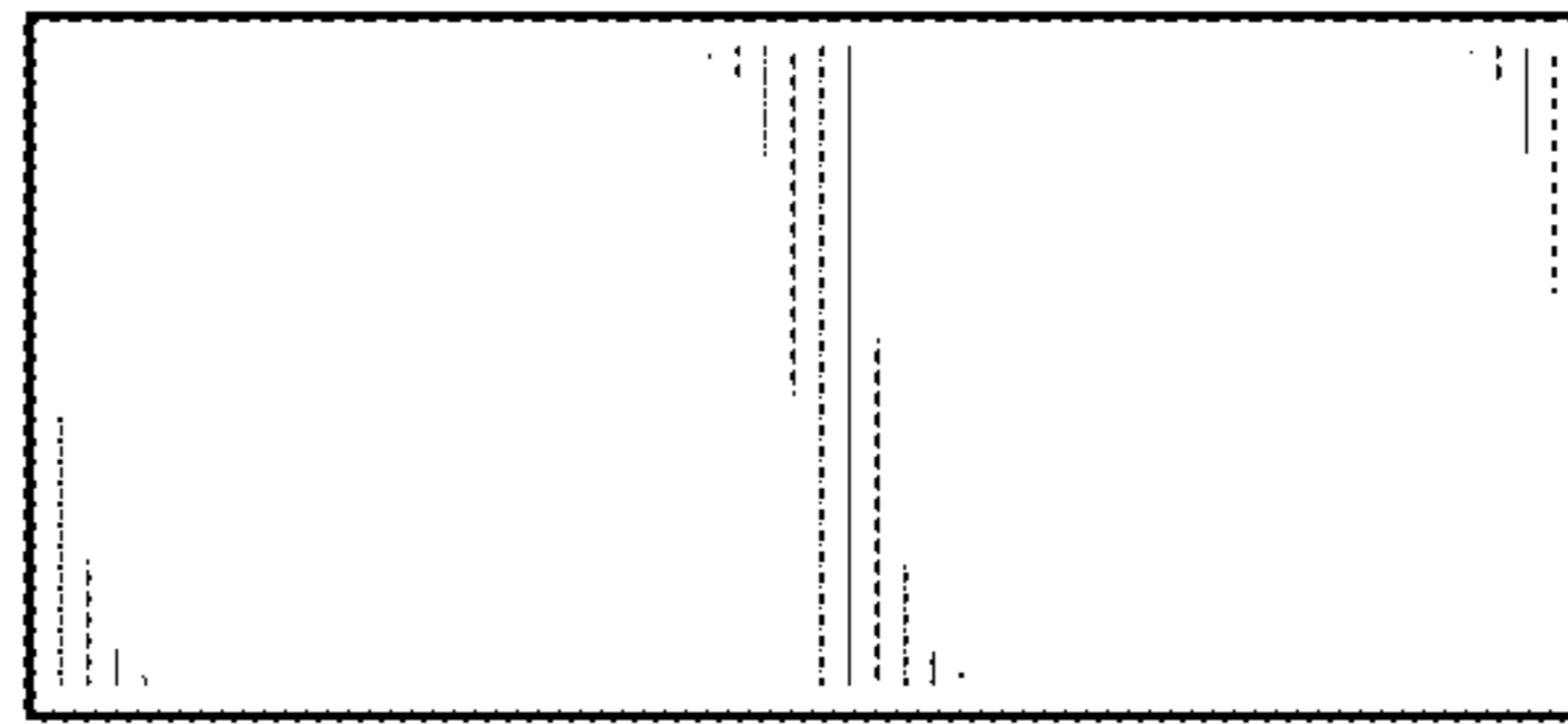


FIG.8