



US00D532148S

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

(10) **Patent No.:** **US D532,148 S**  
(45) **Date of Patent:** **\*\* Nov. 14, 2006**

(54) **LIGHT EMITTING DIODE LAMP UNIT**  
(75) Inventors: **Nobuyuki Matsui**, Ibaraki (JP); **Hideo Nagai**, Takatsuki (JP); **Kenji Mukai**, Shijonawate (JP); **Masanori Shimizu**, Kyotanabe (JP)

JP D 1182540 8/2003  
JP D 1182541 8/2003  
JP D 1182542 8/2003  
JP D 1182543 8/2003  
JP D 1183708 9/2003  
JP D 1190712 11/2003  
JP D1191624 12/2003

(73) Assignee: **Matsushita Electric Industrial Co., Ltd.**, Osaka (JP)

\* cited by examiner

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

*Primary Examiner*—Clare E Heflin  
(74) *Attorney, Agent, or Firm*—Brinks Hofer Gilson & Lione

(21) Appl. No.: **29/219,413**

(22) Filed: **Dec. 16, 2004**

(57) **CLAIM**

(30) **Foreign Application Priority Data**

We claim the ornamental design for a light emitting diode lamp unit, as shown and described.

Jun. 18, 2004 (JP) ..... 2004-018298  
Jun. 18, 2004 (JP) ..... 2004-018299

**DESCRIPTION**

(51) **LOC (8) Cl.** ..... **26-99**  
(52) **U.S. Cl.** ..... **D26/138; D26/80; D26/2**  
(58) **Field of Classification Search** ..... D26/2, D26/80, 86, 138; D13/180, 182; 313/512; 362/555, 612, 800, 231, 235, 237, 240, 241, 362/249, 545; 345/83  
See application file for complete search history.

FIG. 1 is a top perspective view of a first embodiment of a light emitting diode lamp unit of the present invention;  
FIG. 2 is a top view thereof;  
FIG. 3 is a bottom view thereof;  
FIG. 4 is a first side view thereof, wherein the second side view is a mirror image thereof;  
FIG. 5 is a third side view thereof, wherein the fourth side view is a mirror image thereof;  
FIG. 6 is a top perspective view of a second embodiment of a light emitting diode lamp unit of the present invention;  
FIG. 7 is a top view thereof;  
FIG. 8 is a bottom view thereof;  
FIG. 9 is a first side view thereof, wherein the second side view is a mirror image thereof; and,  
FIG. 10 is a third side view thereof, wherein the fourth side view is a mirror image thereof.

(56) **References Cited**

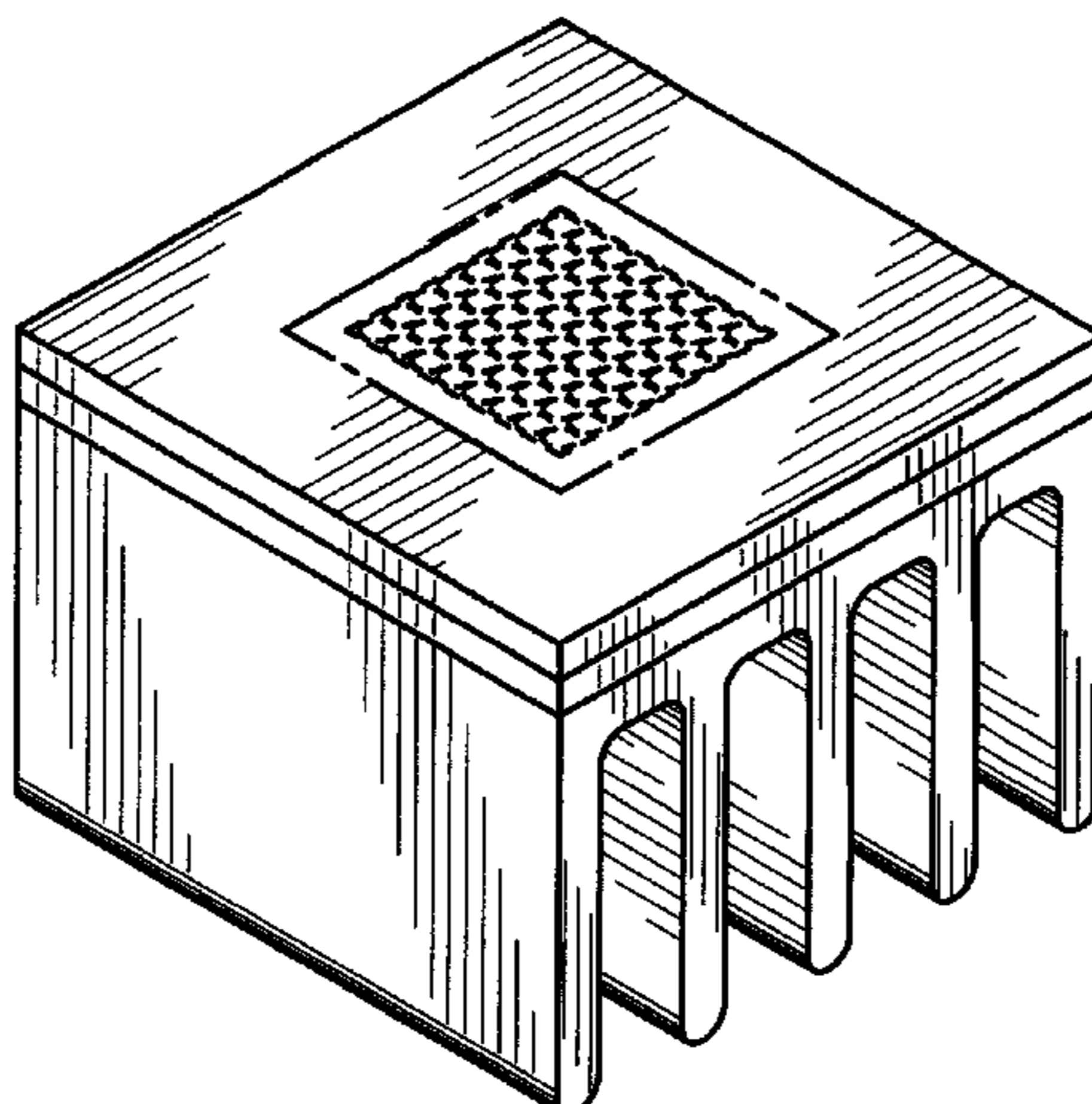
**U.S. PATENT DOCUMENTS**

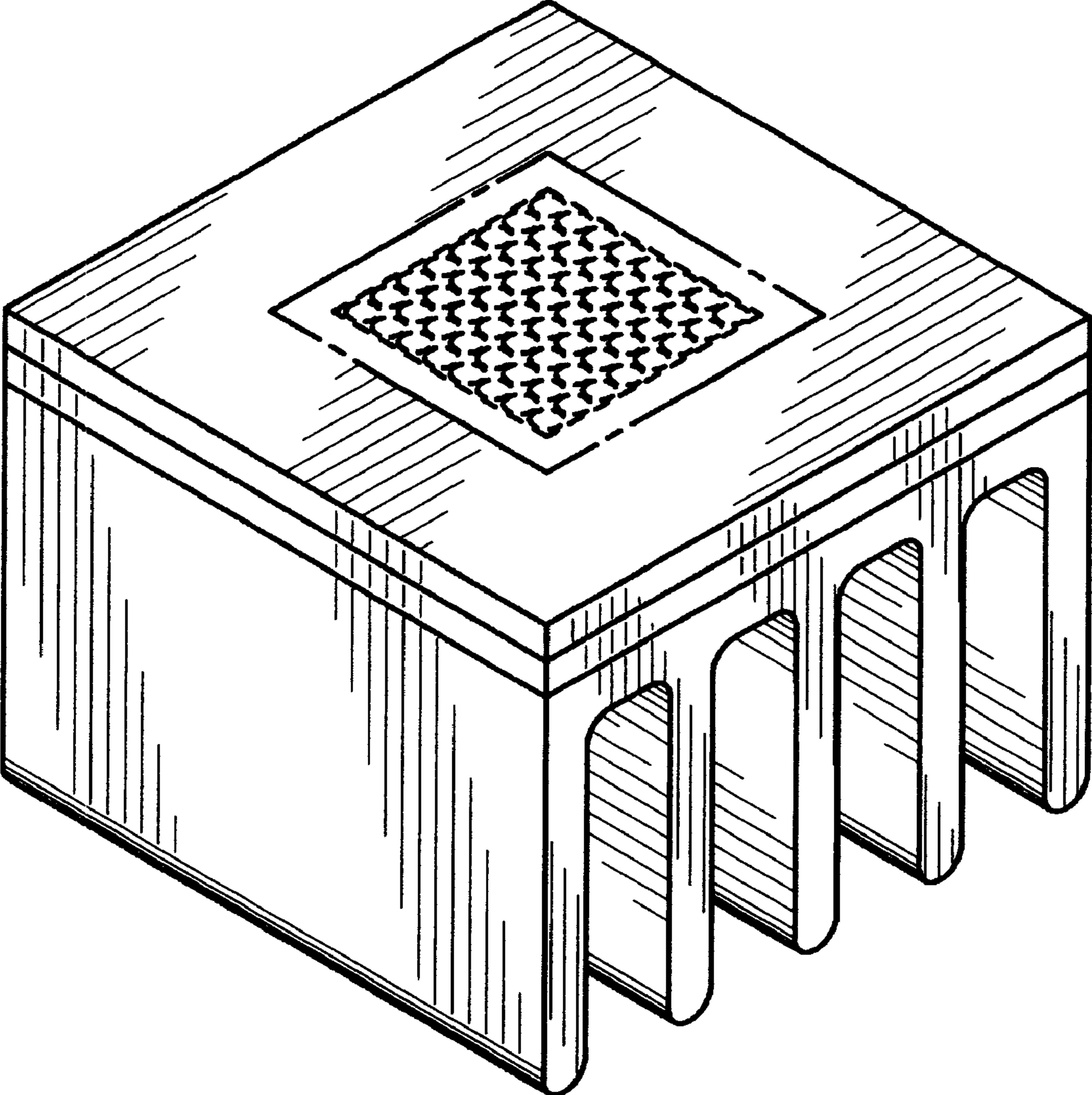
D245,240 S \* 8/1977 Sut ..... D26/80  
D246,203 S \* 10/1977 Harris ..... D26/80  
D262,405 S 12/1981 Zabransky  
5,808,592 A 9/1998 Mizutani et al.  
6,220,722 B1 4/2001 Begemann  
6,502,956 B1 1/2003 Wu  
D474,848 S 5/2003 Lodhie  
6,659,632 B1 12/2003 Chen  
D494,286 S 8/2004 Matsui et al.  
D494,287 S 8/2004 Matsui et al.  
D494,288 S 8/2004 Matsui et al.  
D494,687 S 8/2004 Matsui et al.

**FOREIGN PATENT DOCUMENTS**

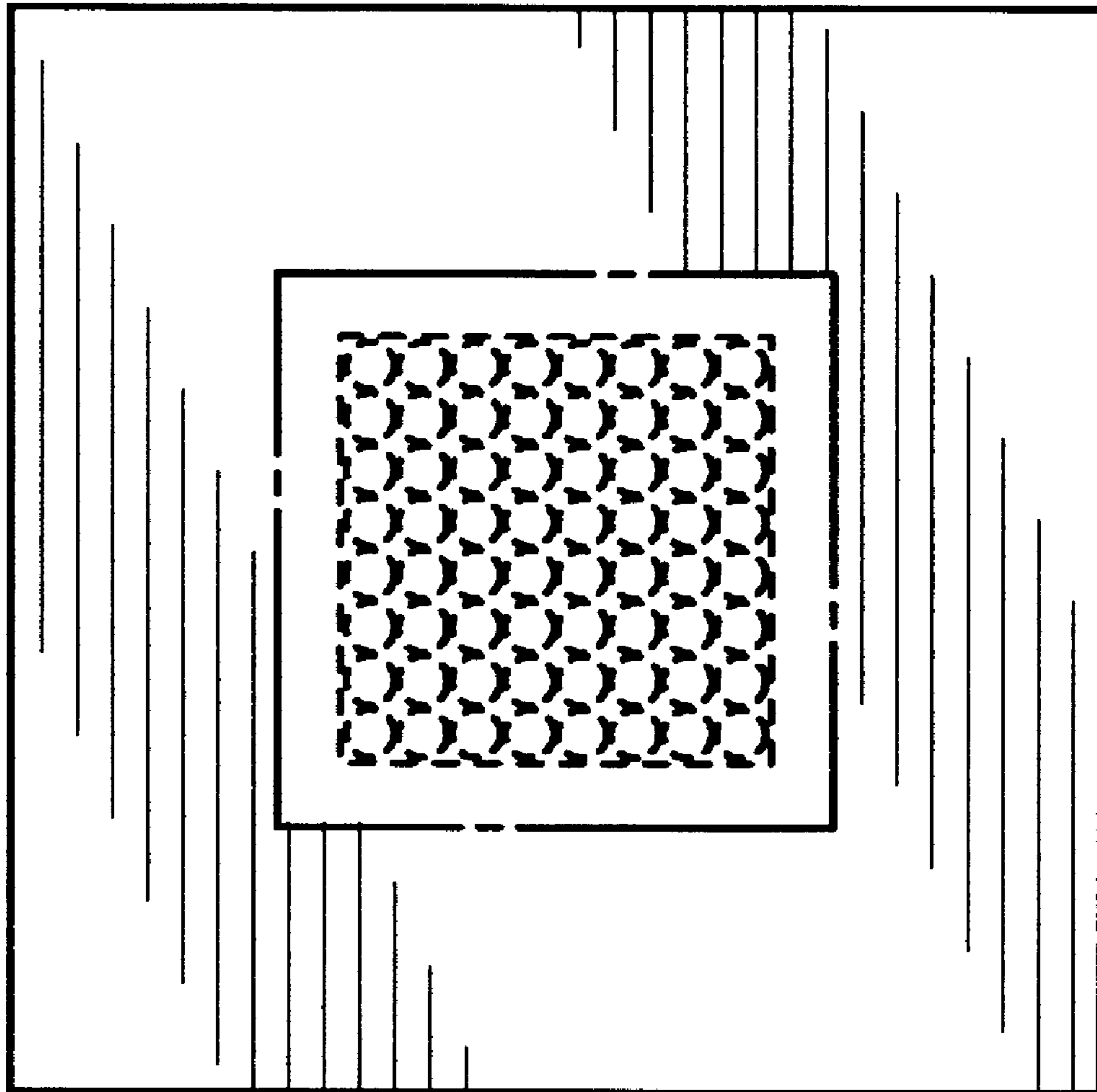
JP D 1182538 8/2003

**1 Claim, 10 Drawing Sheets**

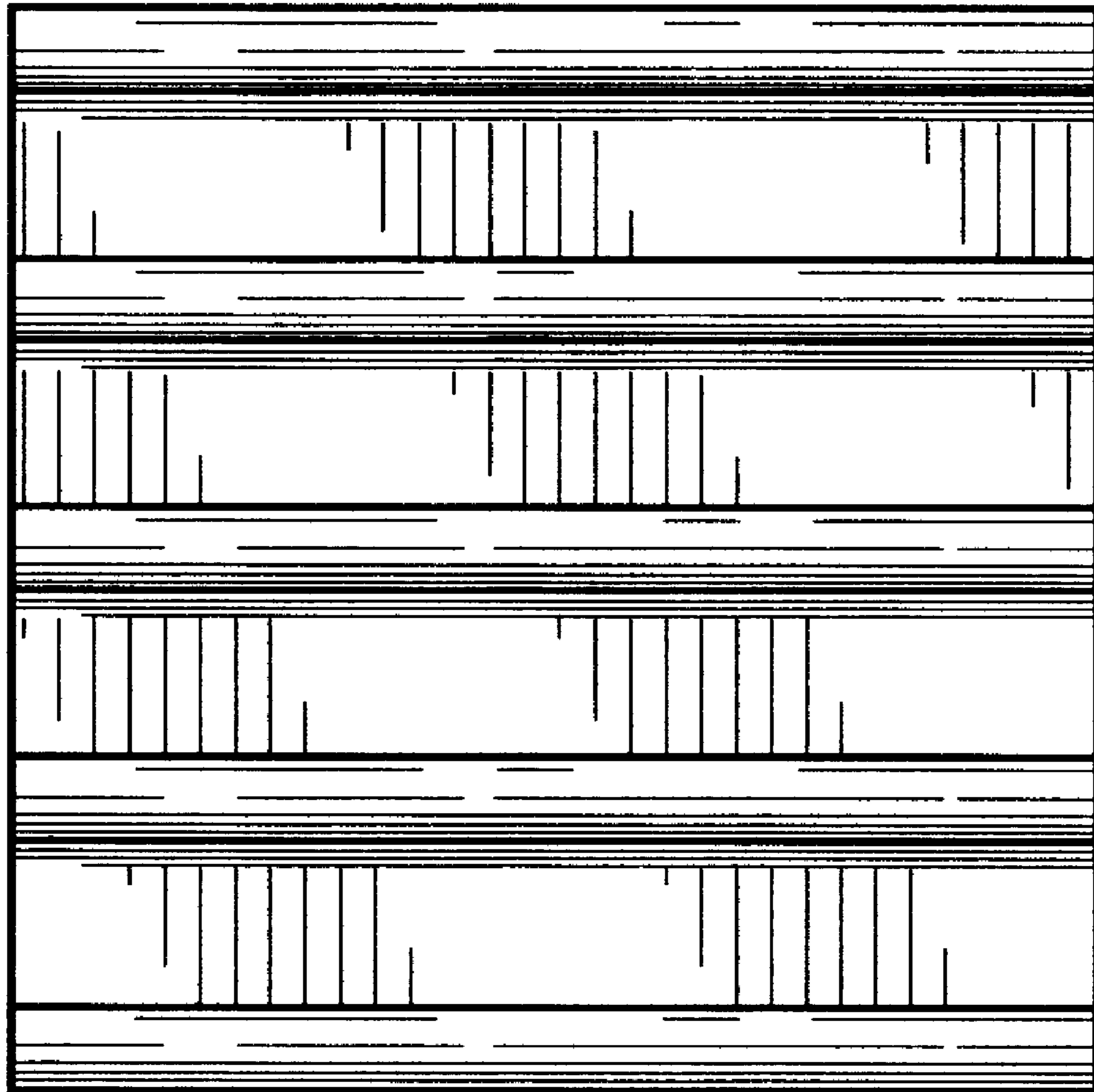




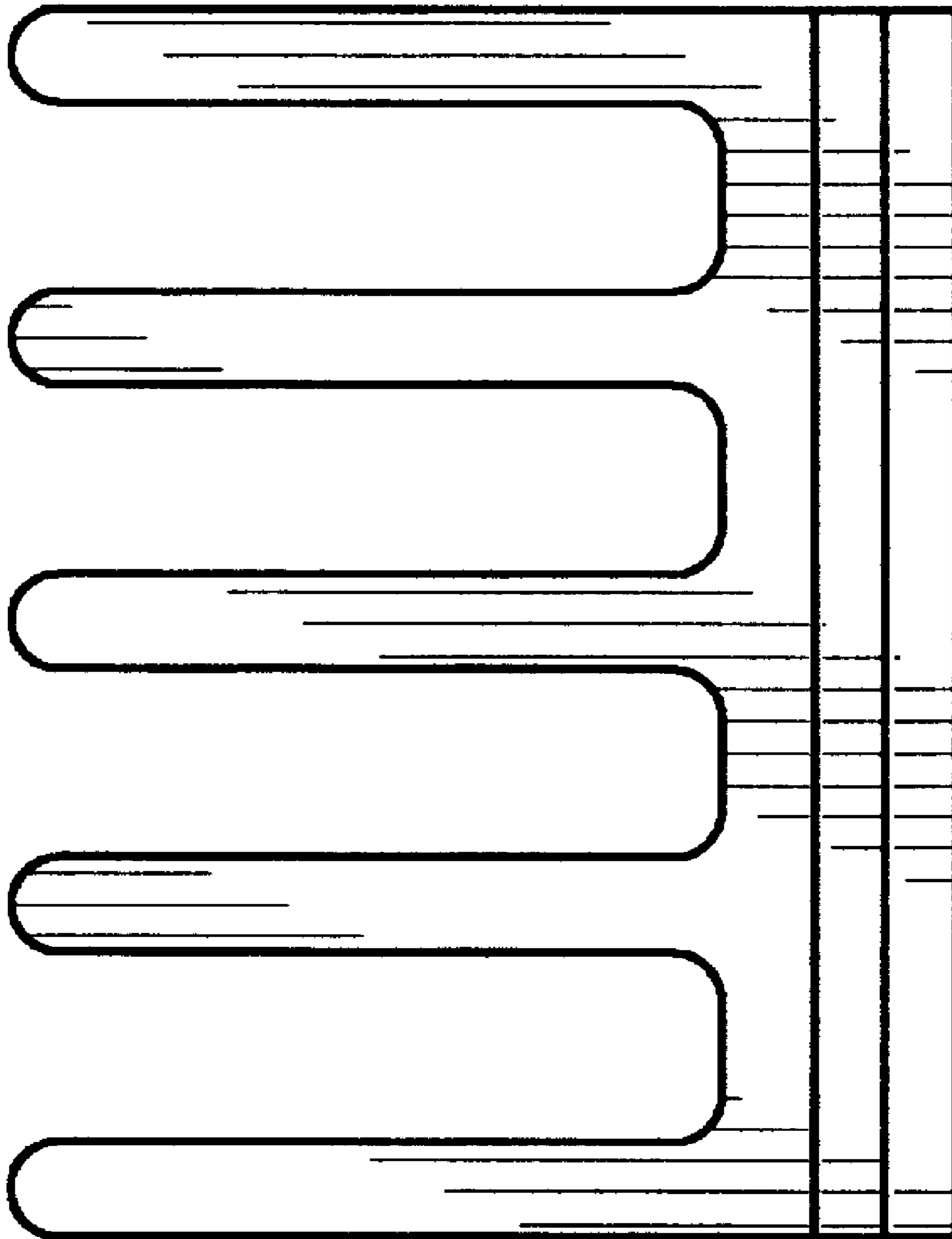
**FIG. 1**



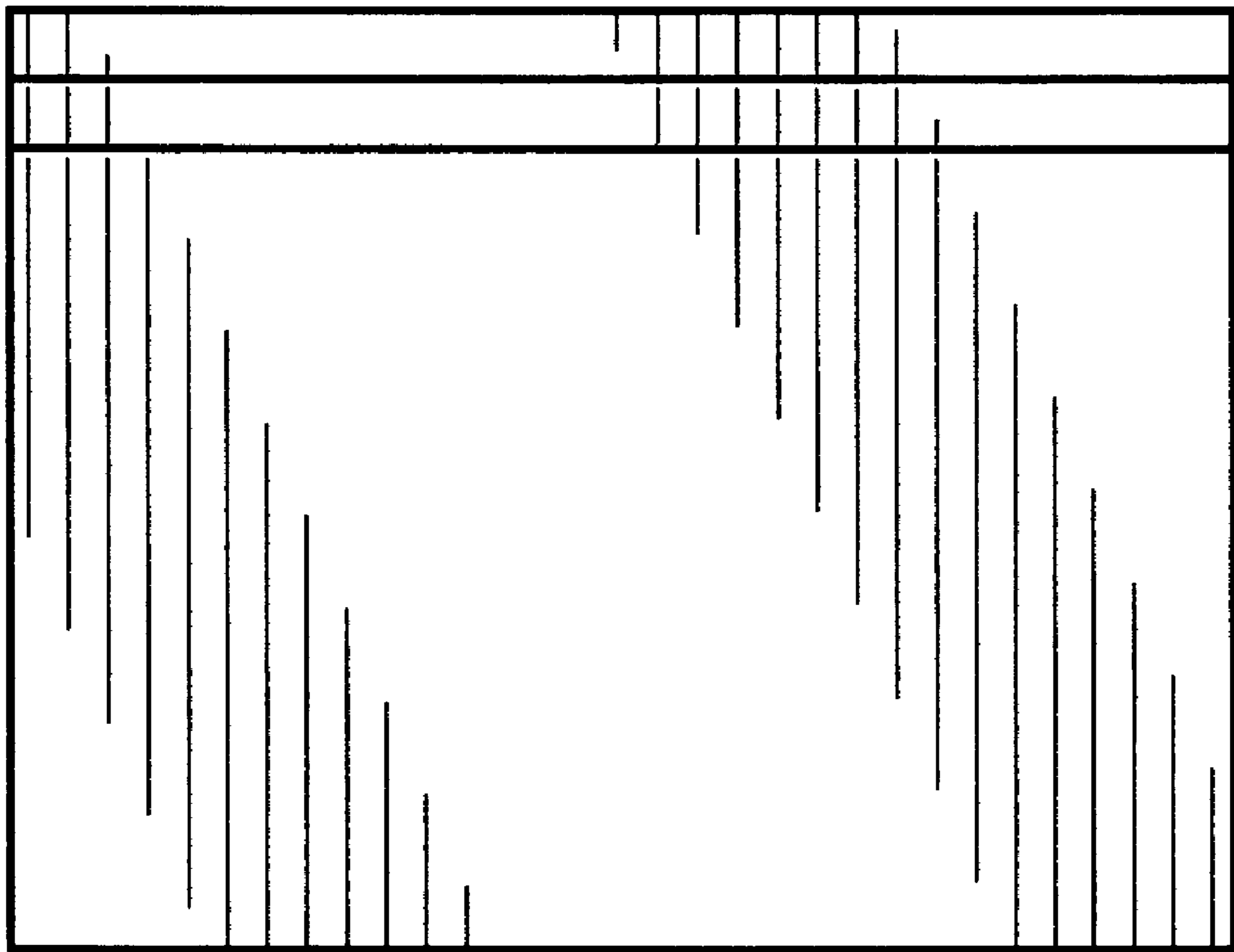
**FIG. 2**



**FIG. 3**



**FIG. 4**



**FIG. 5**



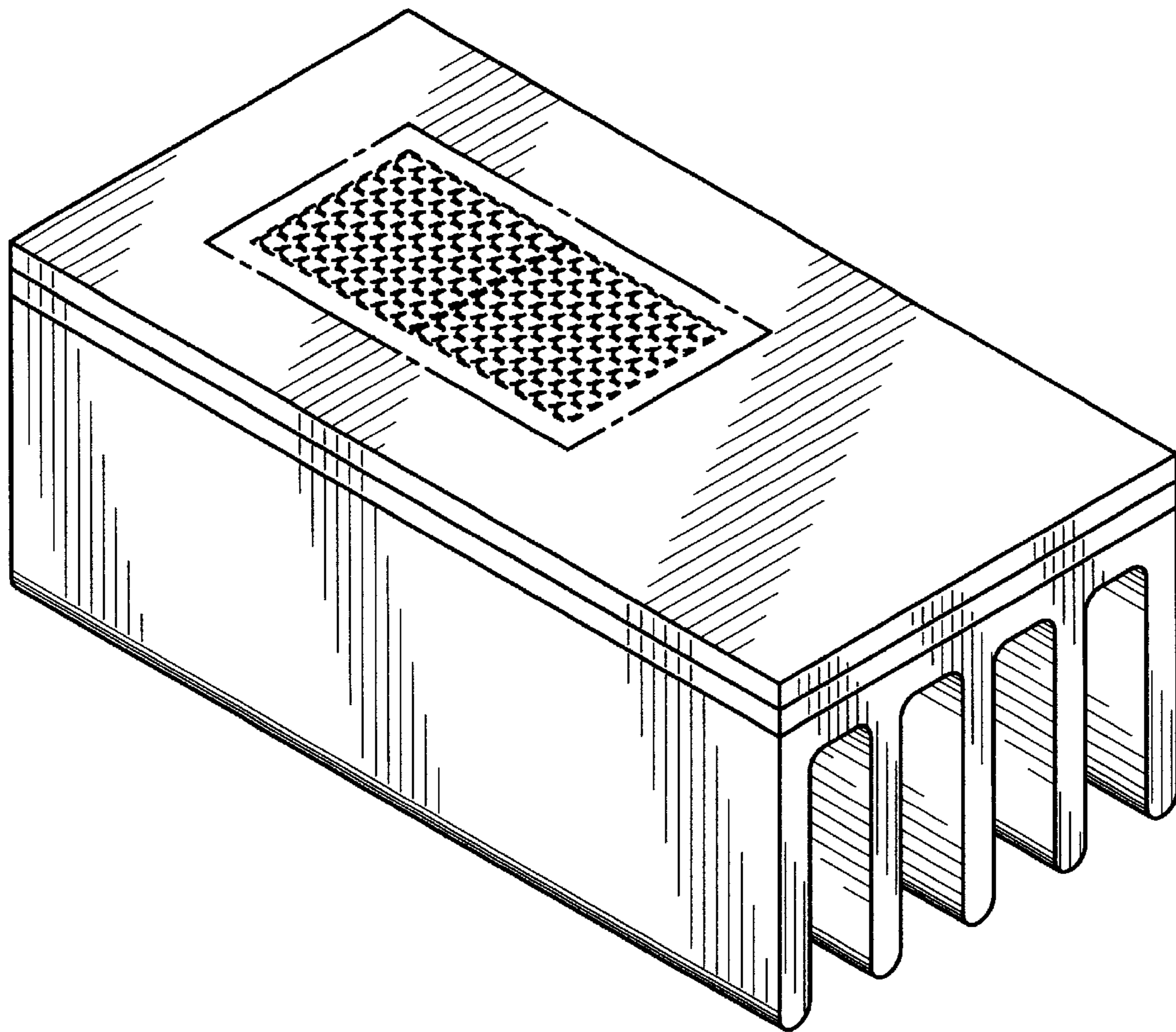
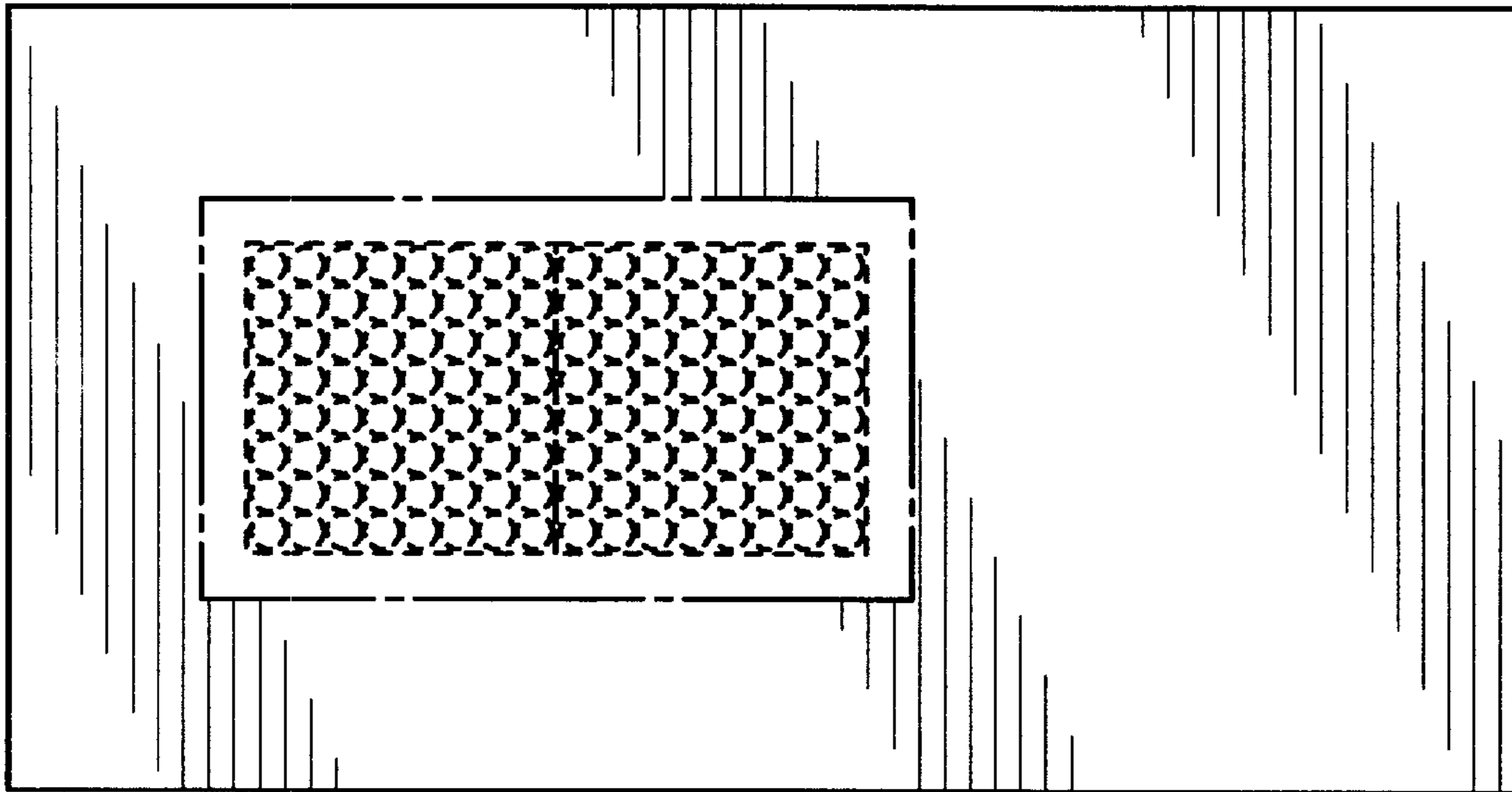
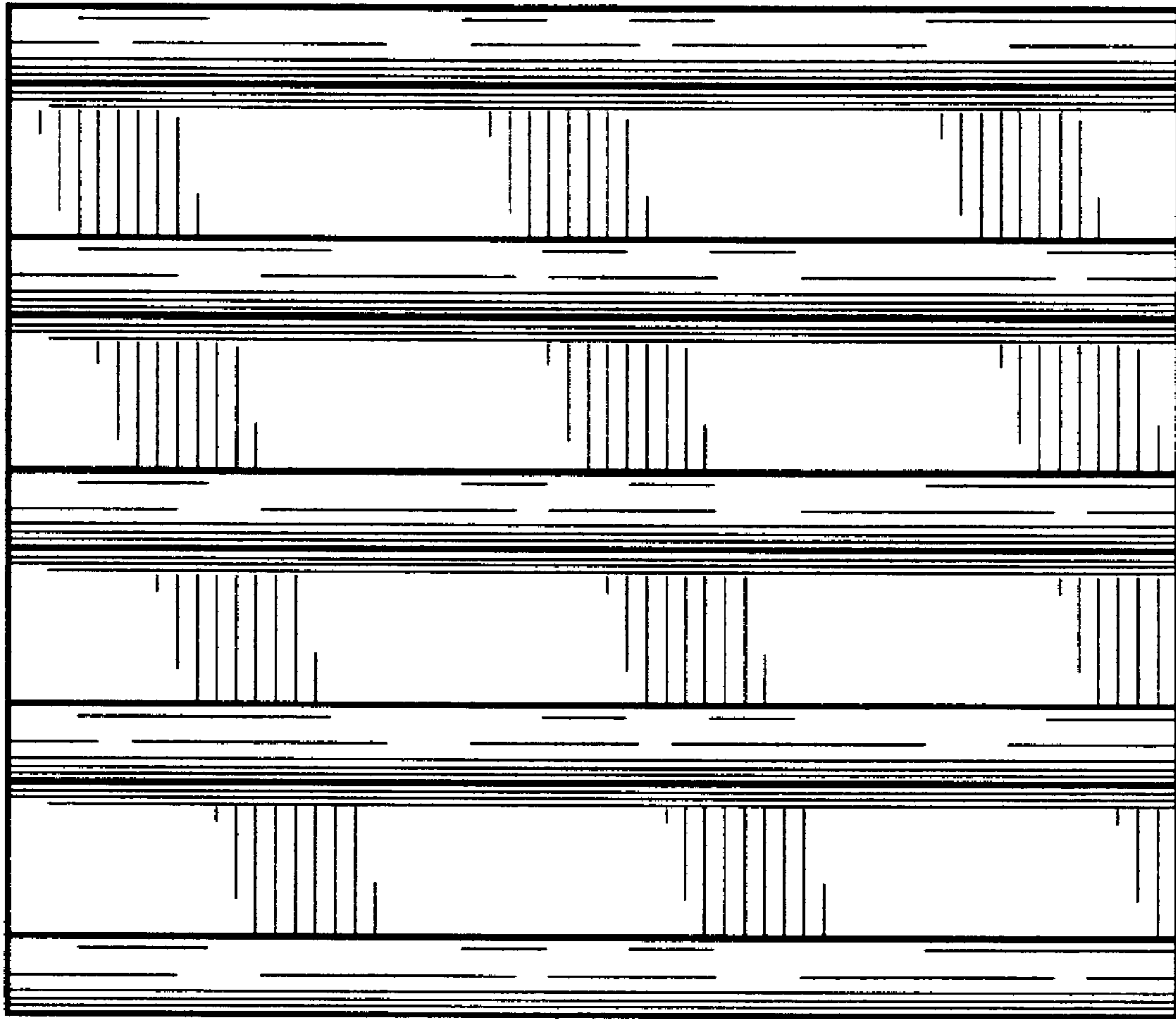


FIG. 6

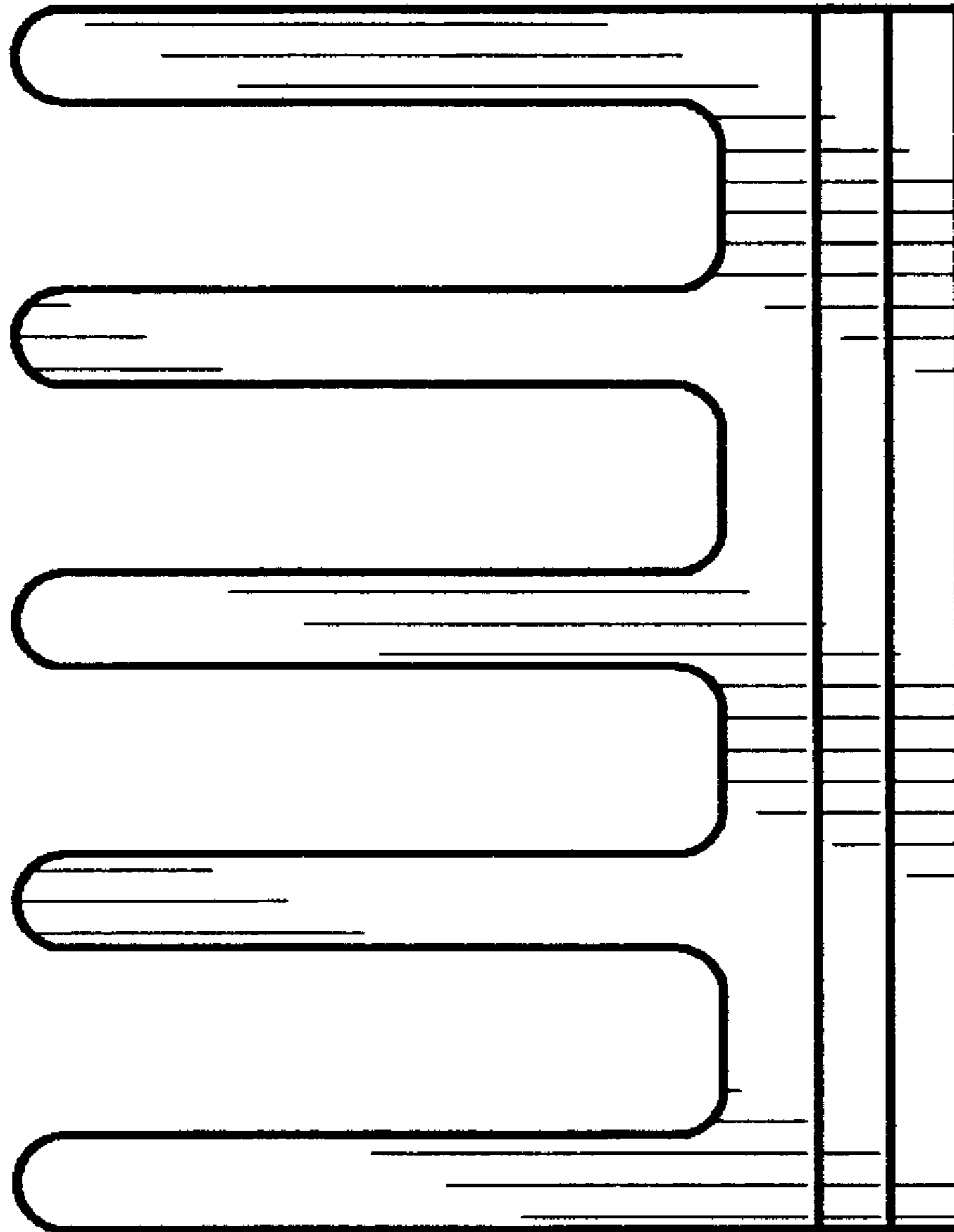


**FIG. 7**

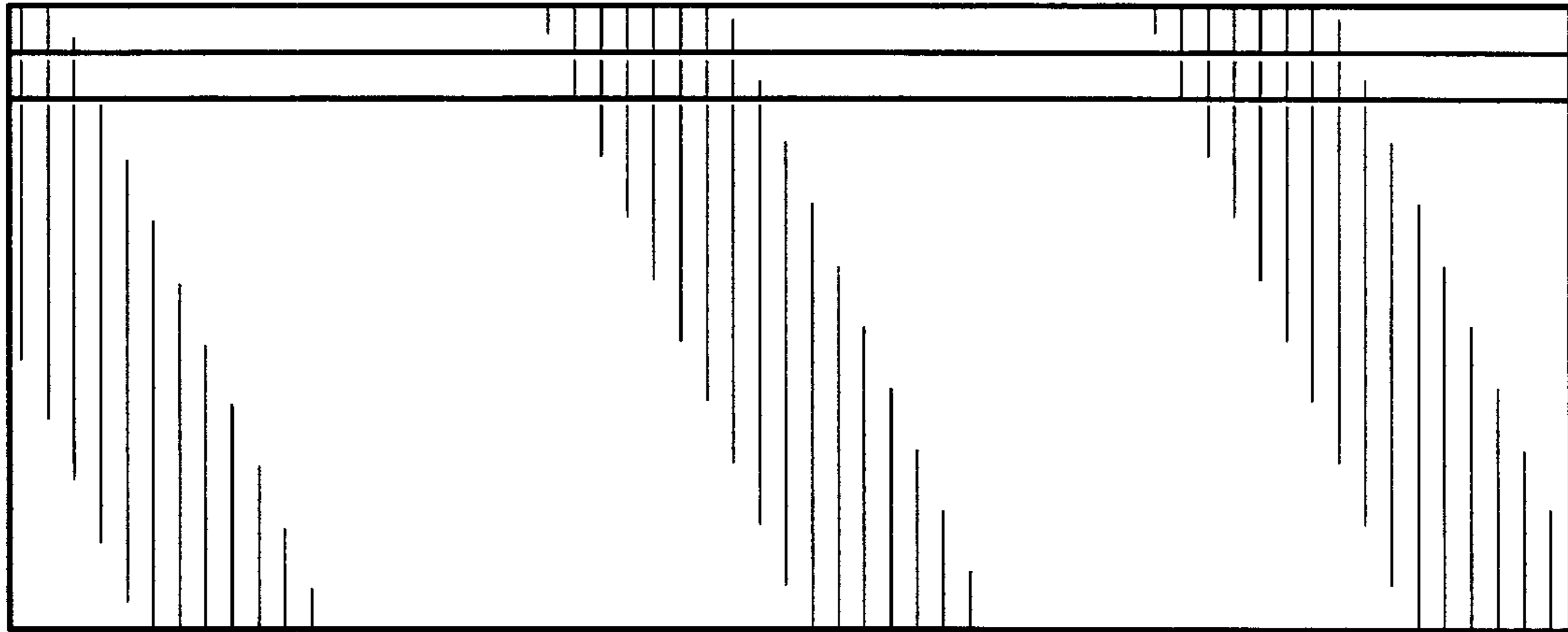




**FIG. 8**



**FIG. 9**



**FIG. 10**