



US00D597968S

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

(10) **Patent No.:** **US D597,968 S**

(45) **Date of Patent:** **\*\* Aug. 11, 2009**

(54) **LIGHT EMITTING DIODE MODULE**

(75) Inventors: **Masahiko Kobayakawa**, Kyoto (JP);  
**Kazuhiro Mireba**, Kyoto (JP)

(73) Assignee: **Rohm Co., Ltd.**, Kyoto (JP)

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

(21) Appl. No.: **29/310,809**

(22) Filed: **Sep. 11, 2008**

(30) **Foreign Application Priority Data**

Mar. 13, 2008 (JP) ..... 2008-006276

(51) **LOC (9) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/180**

(58) **Field of Classification Search** ..... D13/180;  
D26/2; 257/79, 80, 81, 88, 89, 95, 98, 99,  
257/100; 313/483, 498, 500; 362/555, 800  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,586,721 B2 \* 7/2003 Estevez-Garcia ..... 250/221  
D491,899 S \* 6/2004 Yagi ..... D13/180  
D570,797 S \* 6/2008 Song ..... D13/180  
D573,114 S \* 7/2008 Min et al. .... D13/180

2006/0220050 A1 \* 10/2006 Higaki et al. .... 257/99  
2007/0075325 A1 \* 4/2007 Baek et al. .... 257/99  
2008/0170391 A1 \* 7/2008 Norfidathul et al. .... 362/227  
2008/0210964 A1 \* 9/2008 Tomioka ..... 257/98

\* cited by examiner

*Primary Examiner*—Selina Sikder

(74) *Attorney, Agent, or Firm*—Hamre, Schumann, Mueller  
& Larson, P.C.

(57) **CLAIM**

I claim the ornamental design for a light emitting diode module, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of a light emitting diode module according to my new design;

FIG. 2 is a front view of the same module;

FIG. 3 is a rear view of the same module;

FIG. 4 is a top plan view of the same module;

FIG. 5 is a bottom view of the same module;

FIG. 6 is a left side view of the same module;

FIG. 7 is a right side view of the same module; and,

FIG. 8 is a sectional view of the same module taken along lines 8—8 in FIG. 4.

**1 Claim, 3 Drawing Sheets**

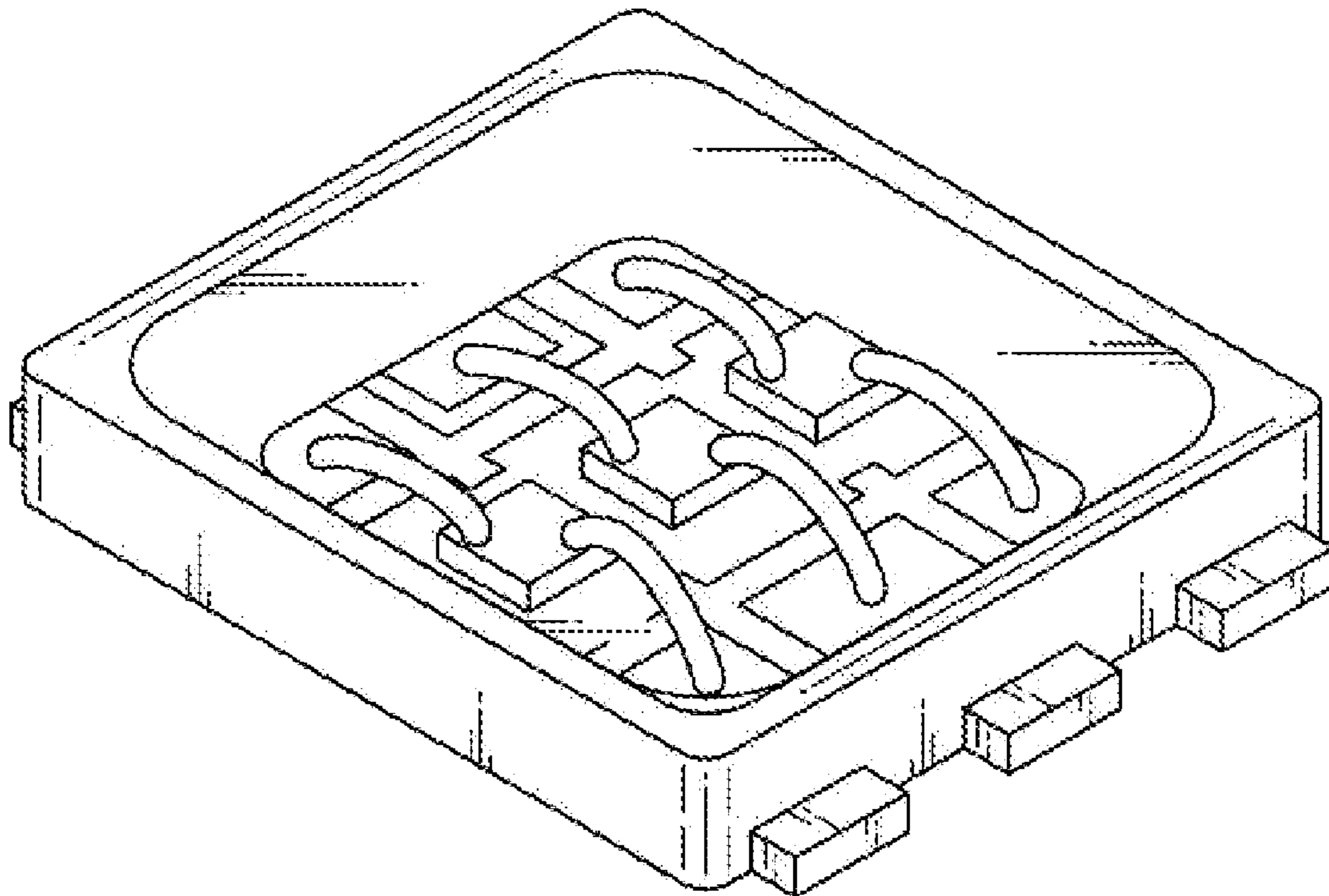


FIG.1

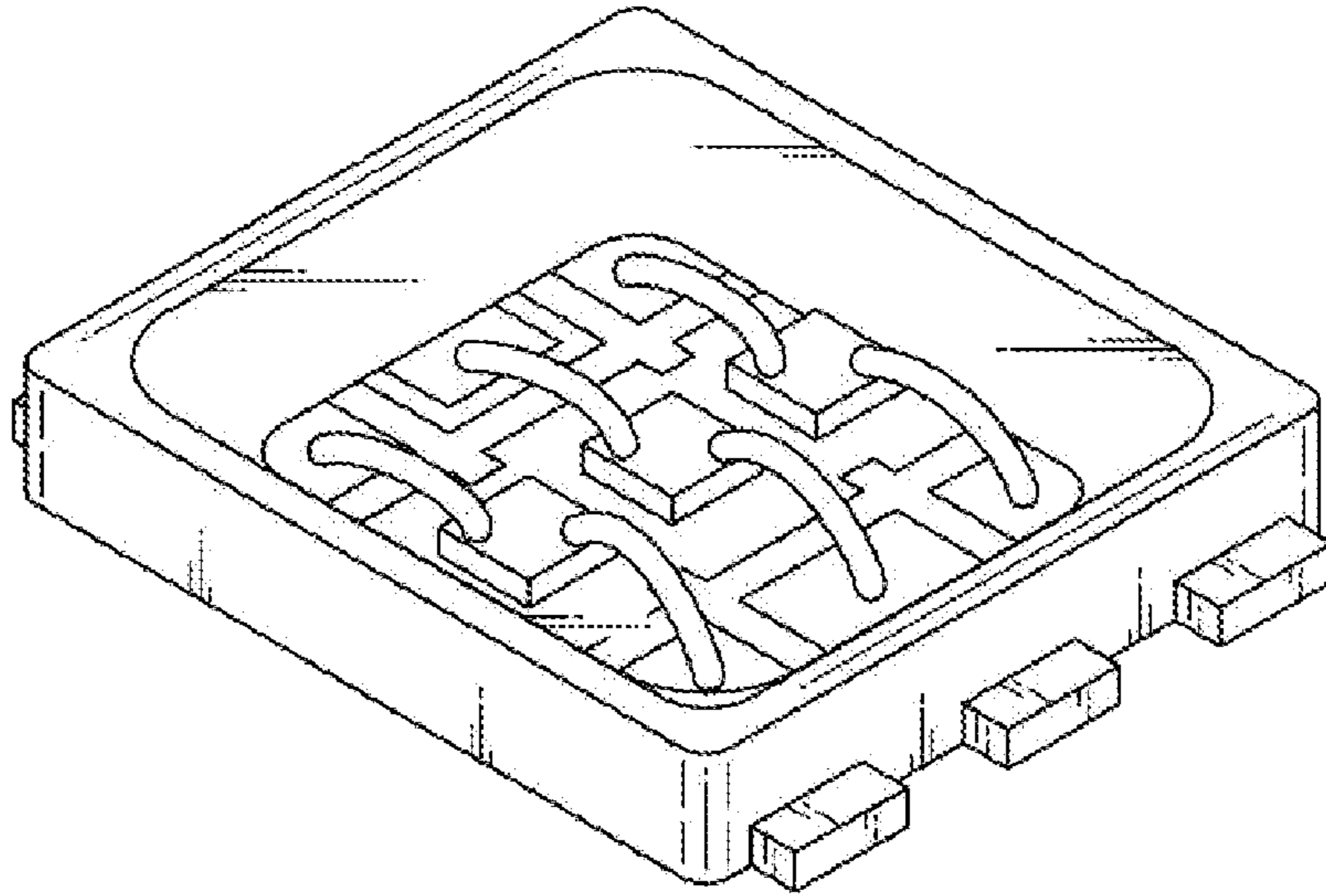


FIG. 2

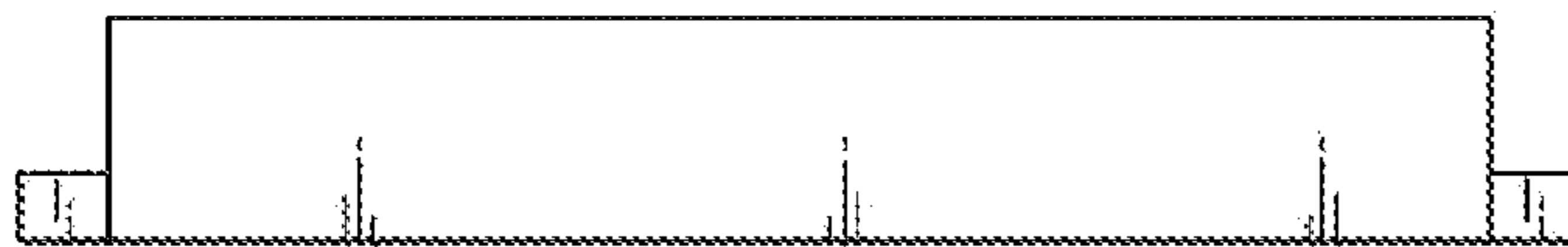


FIG. 3

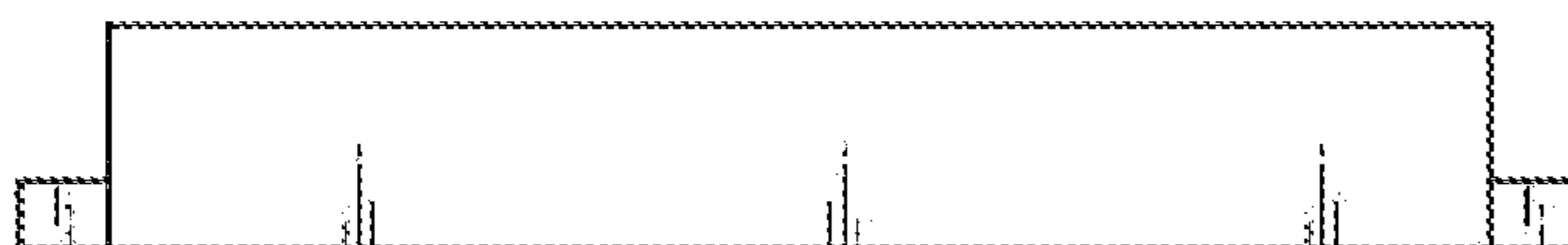


FIG.4

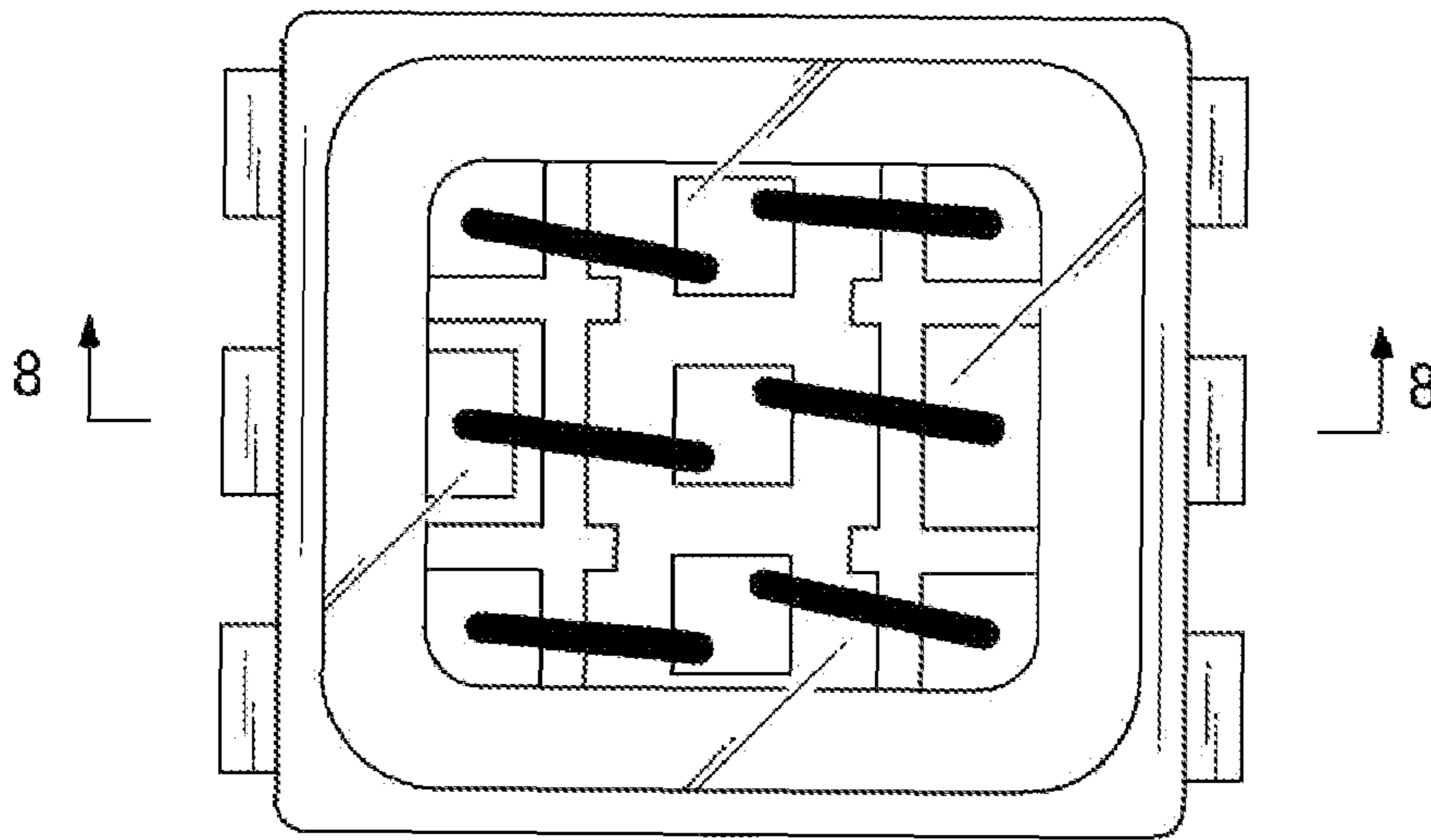


FIG.5

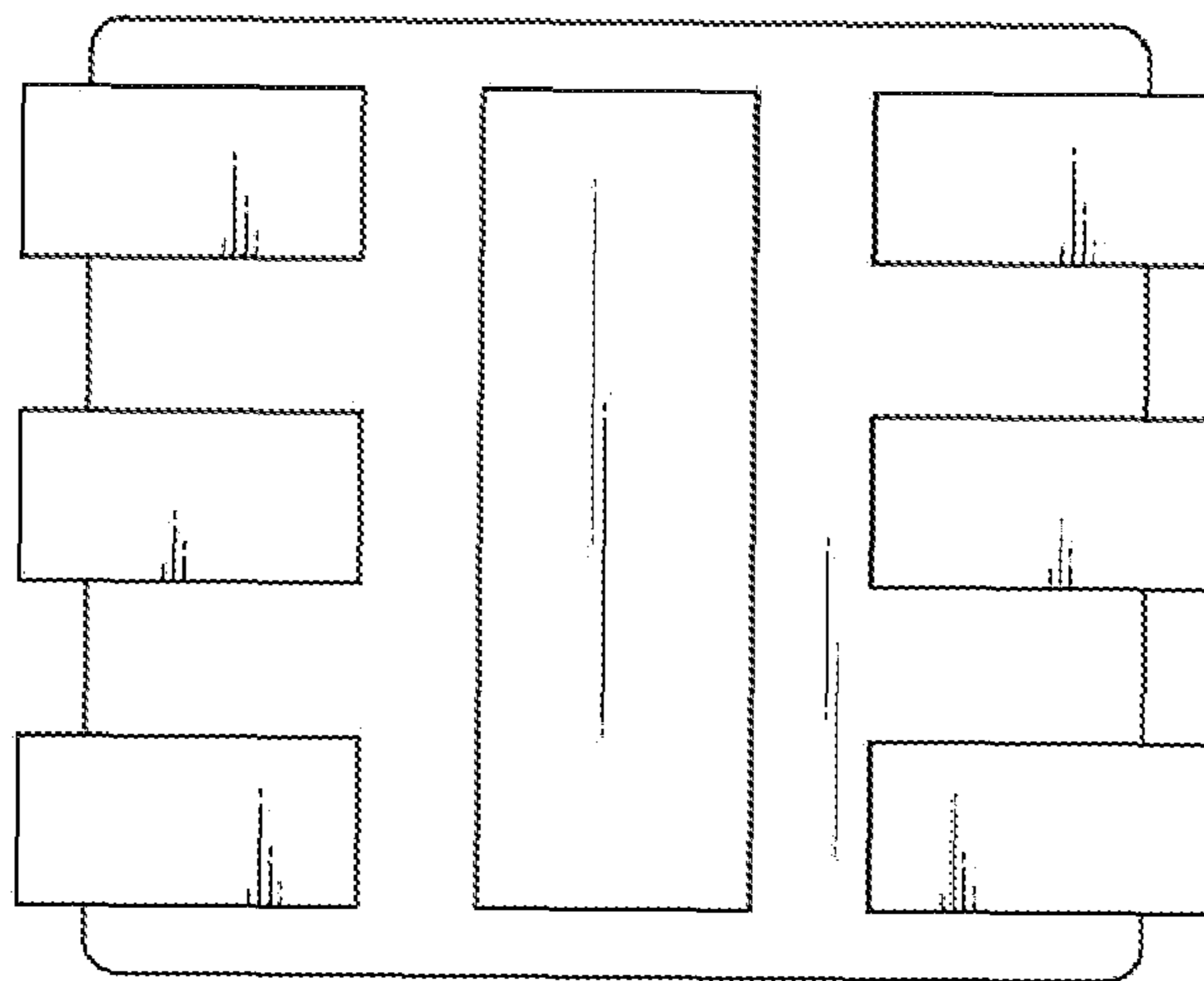


FIG.6

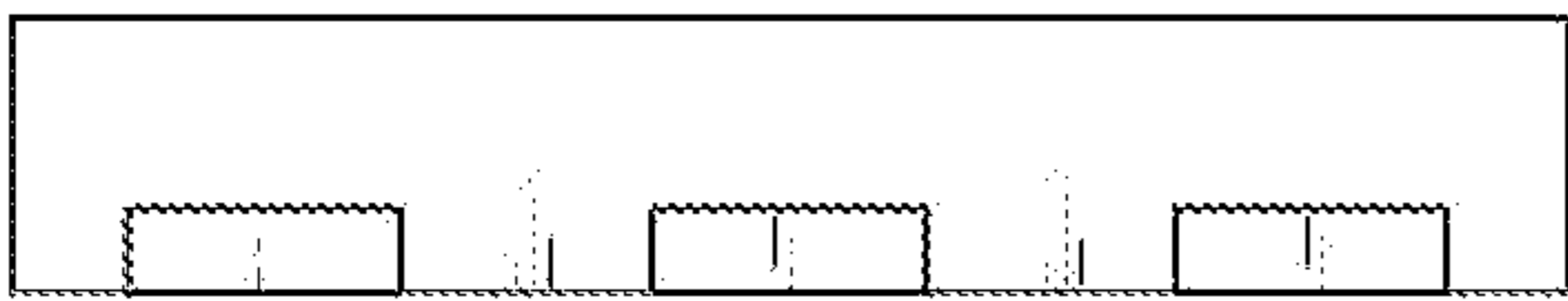


FIG.7

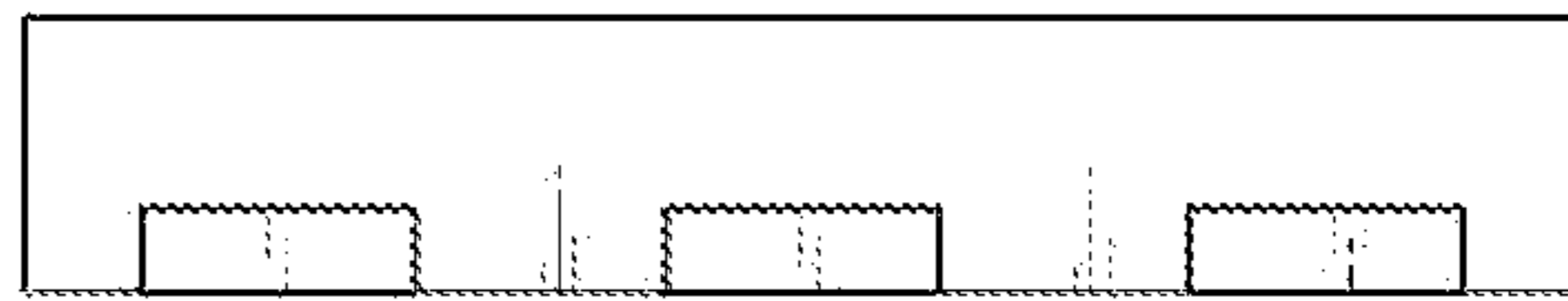


FIG.8

