



US00D864130S

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

(10) **Patent No.:** **US D864,130 S**  
(45) **Date of Patent:** **\*\* Oct. 22, 2019**

(54) **LIGHT EMITTING DIODE DEVICE**

(71) Applicant: **FOSHAN NATIONSTAR OPTOELECTRONICS CO., LTD.**, Foshan (CN)

(72) Inventors: **Feng Gu**, Foshan (CN); **Chuanbiao Liu**, Foshan (CN); **Kuai Qin**, Foshan (CN); **Xi Zheng**, Foshan (CN); **Yuanbin Lin**, Foshan (CN)

(73) Assignee: **Foshan Nationstar Optoelectronics Co., Ltd.**, Foshan (CN)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/649,732**

(22) Filed: **Jun. 1, 2018**

(30) **Foreign Application Priority Data**

May 21, 2018 (CN) ..... 2018 3 0235453

(51) **LOC (12) Cl.** ..... **13-03**

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

(58) **Field of Classification Search**  
USPC ..... D13/180; D26/1; D21/491  
CPC ... H01L 25/167; H01L 25/0753; H01L 27/15;  
H01L 27/156; H01L 31/02; H01L 33/00;  
H01L 33/04; H01L 33/08; H01L 33/10;  
H01L 33/20; H01L 33/38; H01L 33/42;  
H01L 33/48; H01L 33/483; H01L 33/486  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

7,586,129 B2 \* 9/2009 Hsu ..... H01L 27/15  
257/88  
D620,460 S \* 7/2010 Liu ..... D13/180

7,786,498 B2 \* 8/2010 Choi ..... H01L 33/382  
257/734  
D631,017 S \* 1/2011 Arazoe ..... D13/180  
D652,952 S \* 1/2012 Angel ..... D25/113  
9,181,717 B1 \* 11/2015 Jamison ..... E04F 15/02038  
D770,401 S \* 11/2016 Kim ..... D13/180  
D776,629 S \* 1/2017 Kim ..... D13/180  
D786,460 S \* 5/2017 Wu ..... D13/180  
2016/0013388 A1 \* 1/2016 Lee ..... H01L 27/156  
257/13  
2016/0240759 A1 \* 8/2016 Chae ..... H01L 33/36  
2017/0092820 A1 \* 3/2017 Kim, II ..... H01L 25/0753  
2017/0236977 A1 \* 8/2017 Oh ..... F21K 9/238  
257/13

\* cited by examiner

*Primary Examiner* — Selina Sikder

(74) *Attorney, Agent, or Firm* — Bond Schoeneck & King, PLLC; George R. McGuire

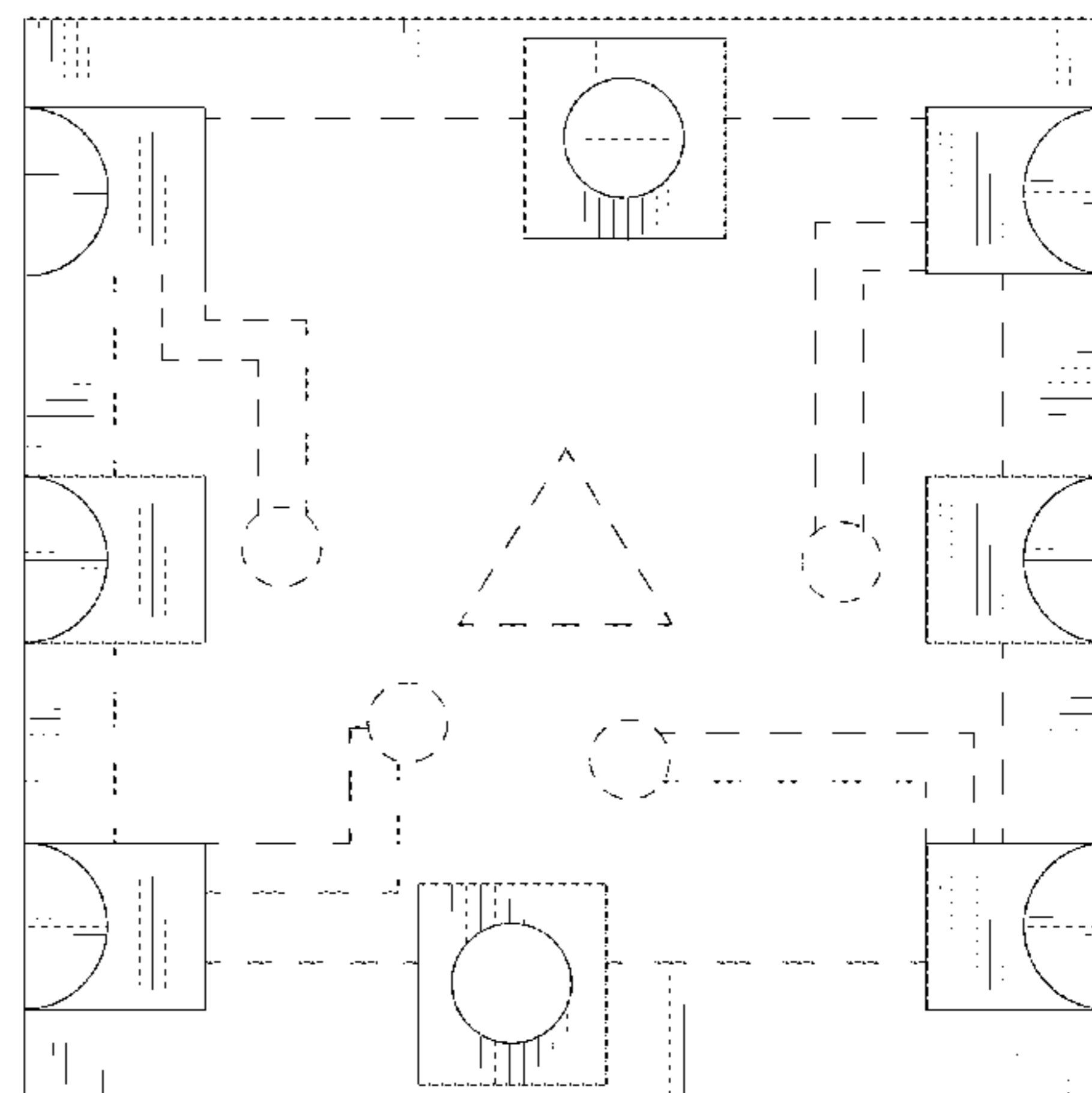
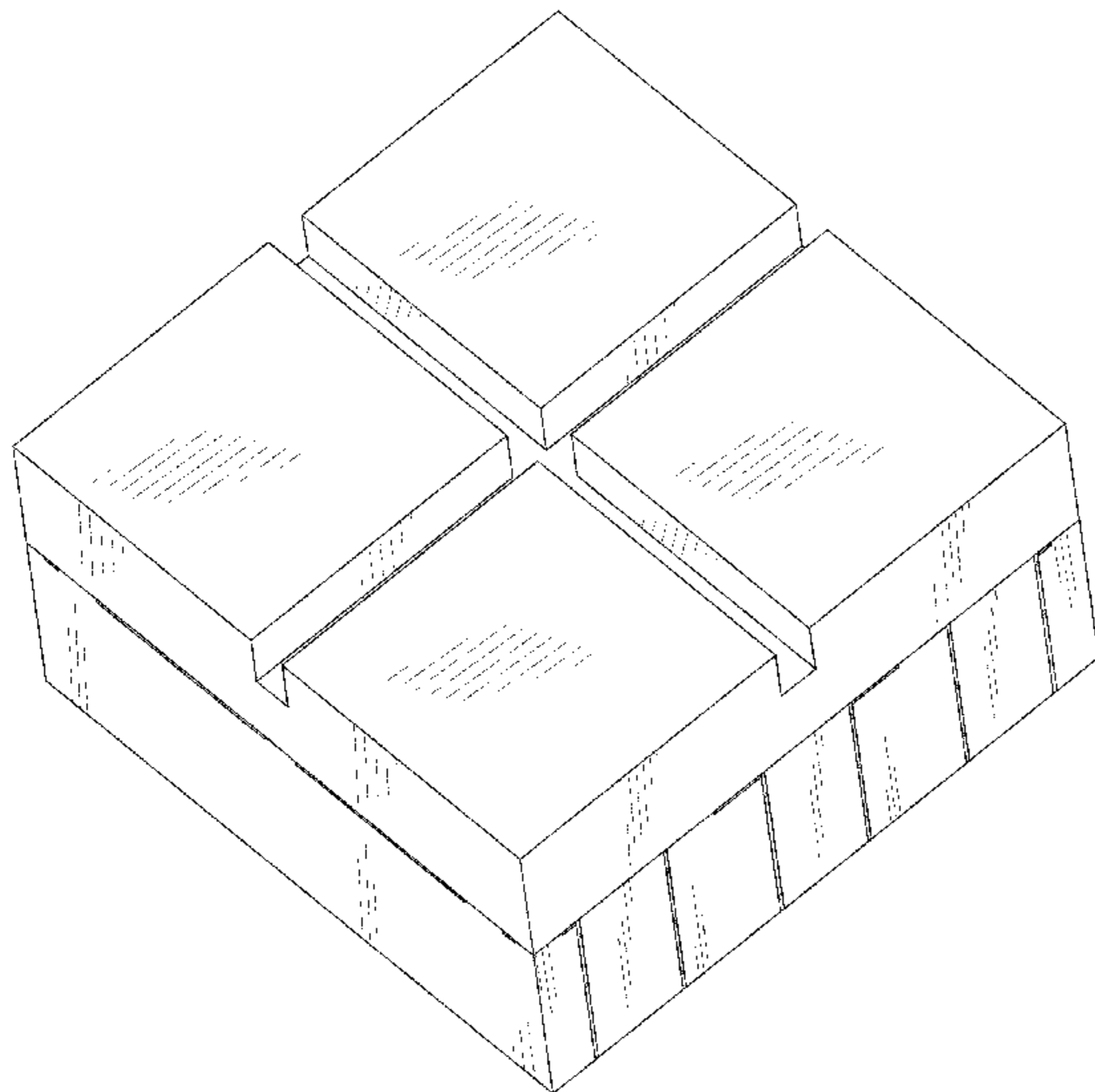
(57) **CLAIM**

The ornamental design for a light emitting diode device, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the design for a light emitting diode device;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left view thereof;  
FIG. 5 is a right view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.  
Portions of the drawings are shown in broken lines for illustrative purposes only and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



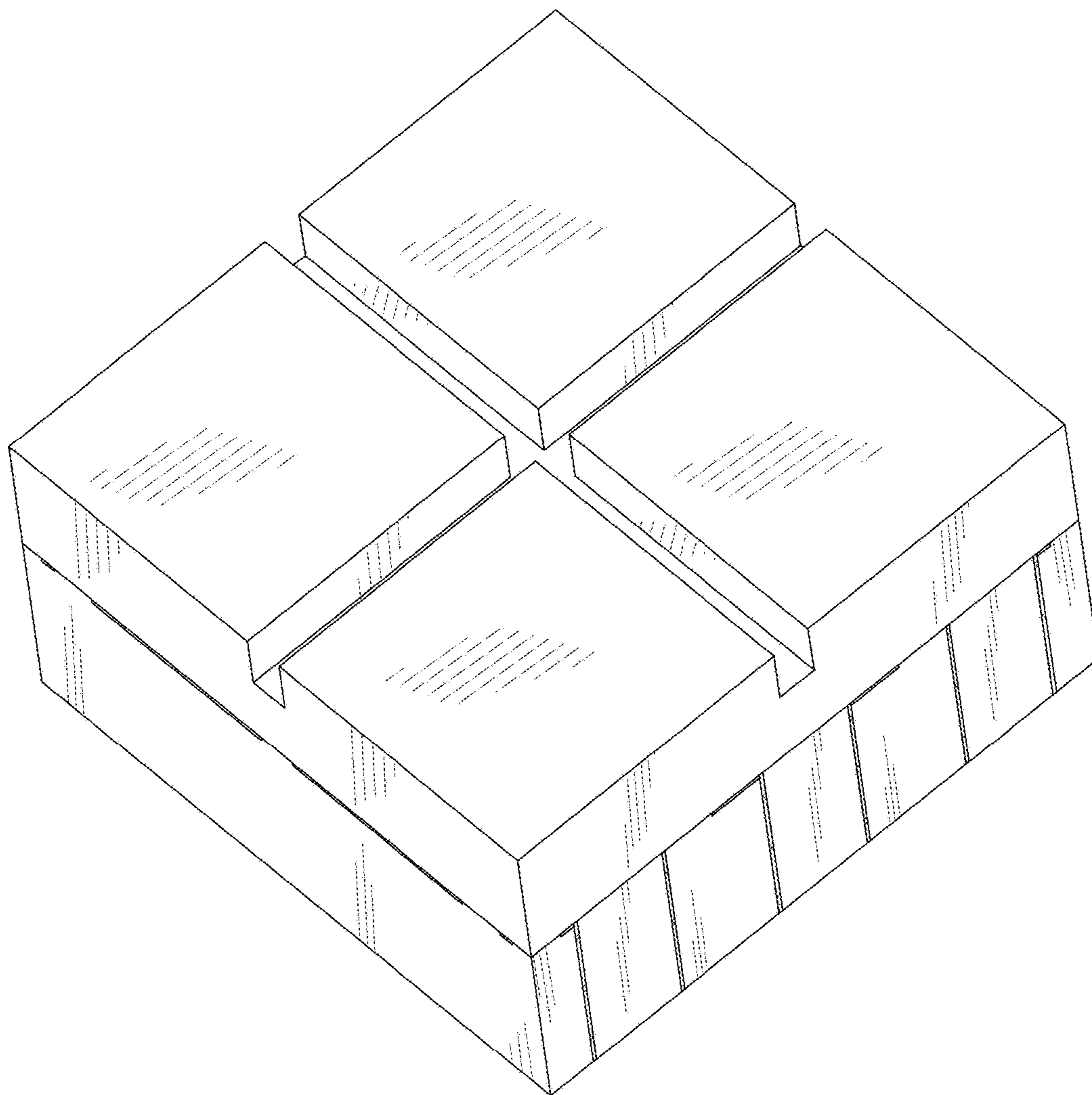


FIG. 1

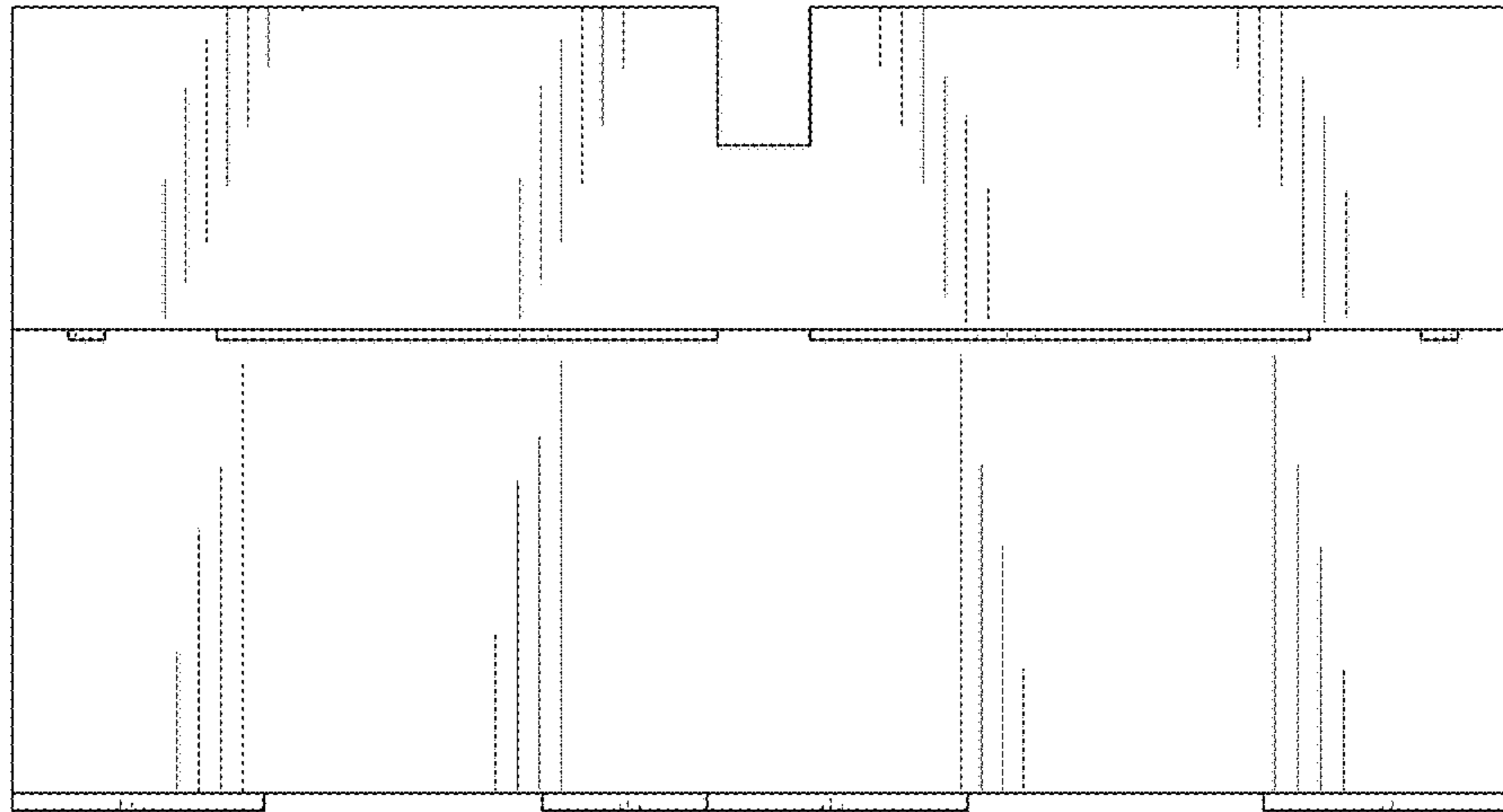


FIG. 2

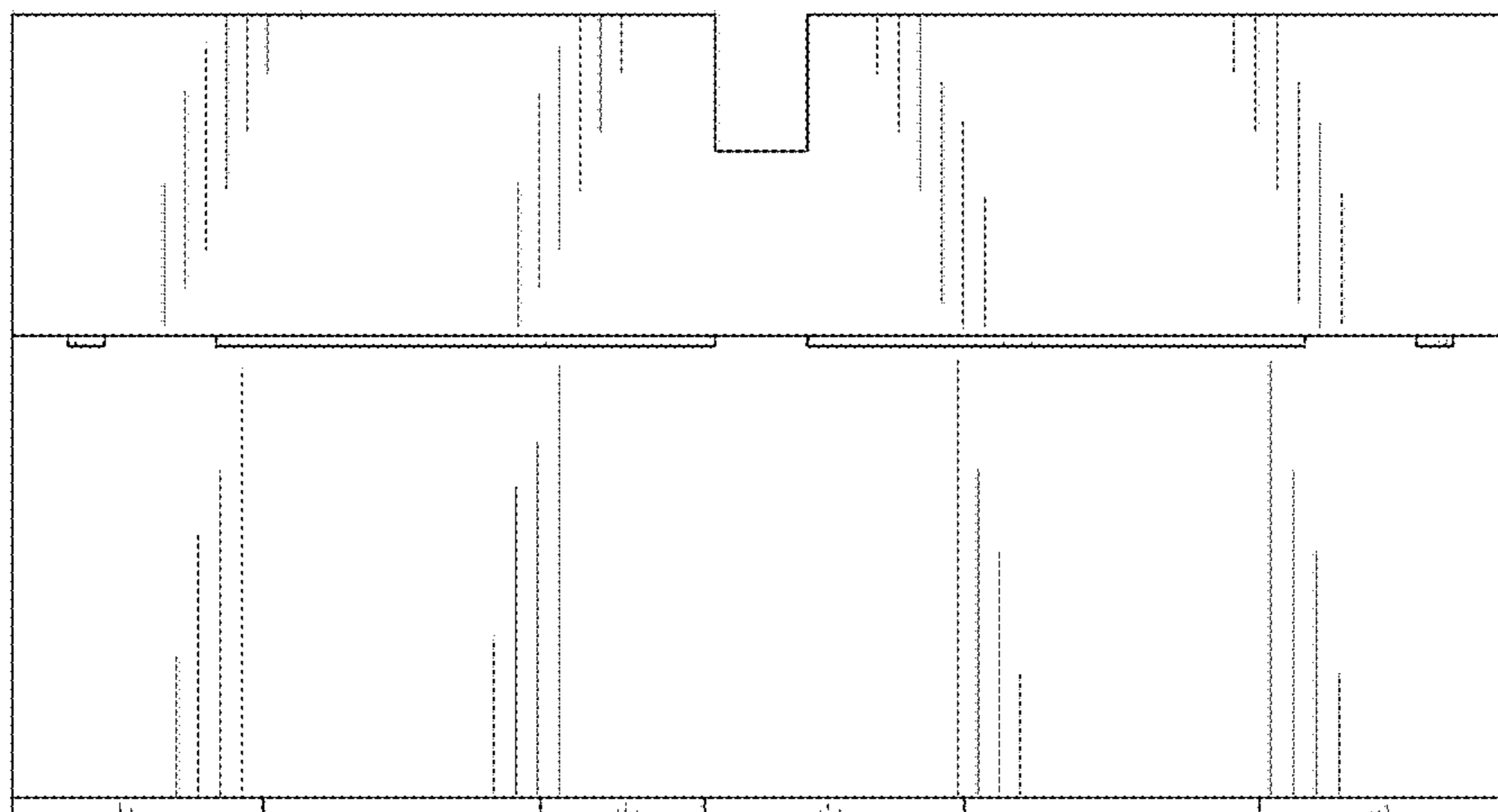


FIG. 3

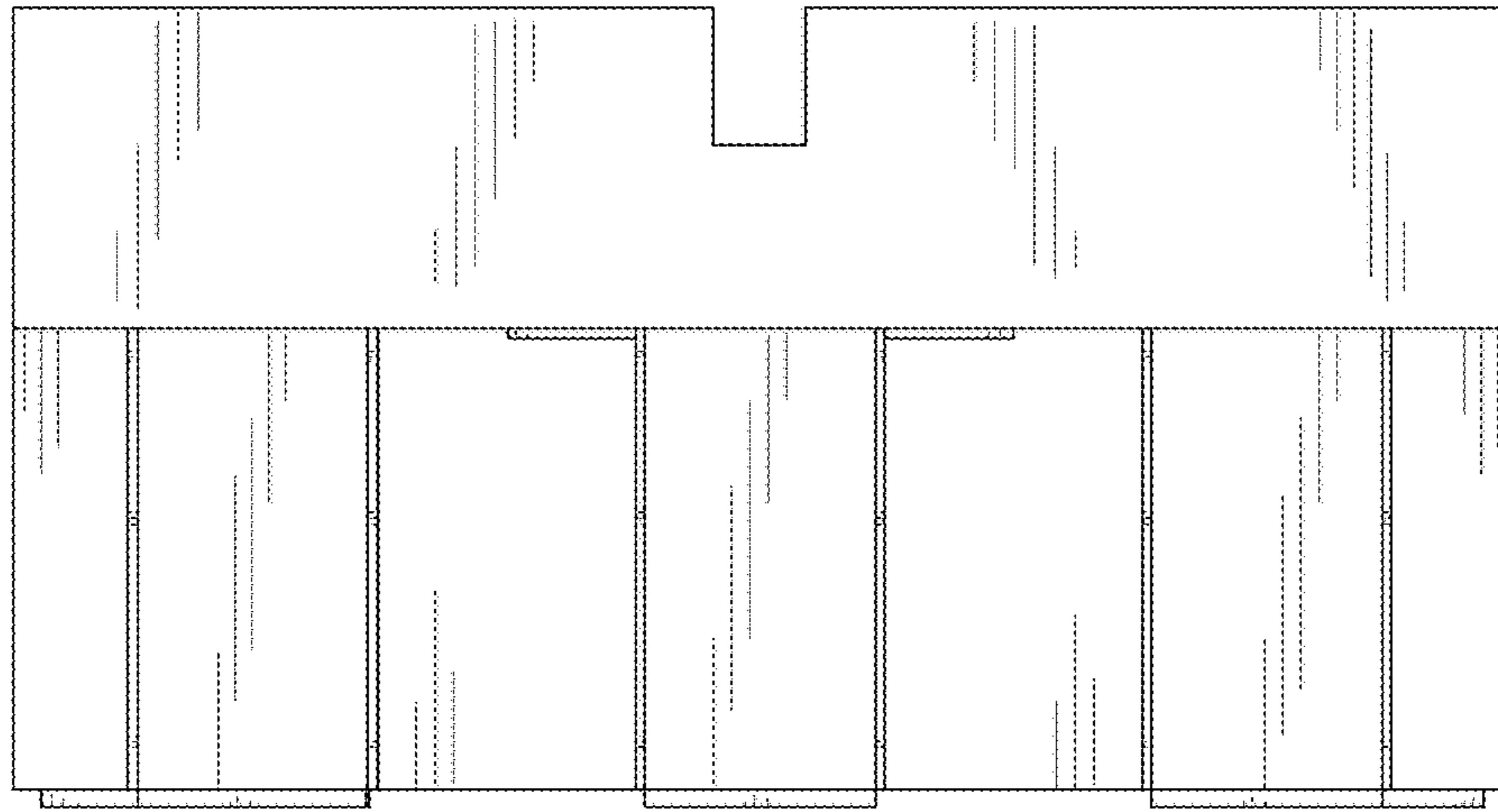


FIG. 4

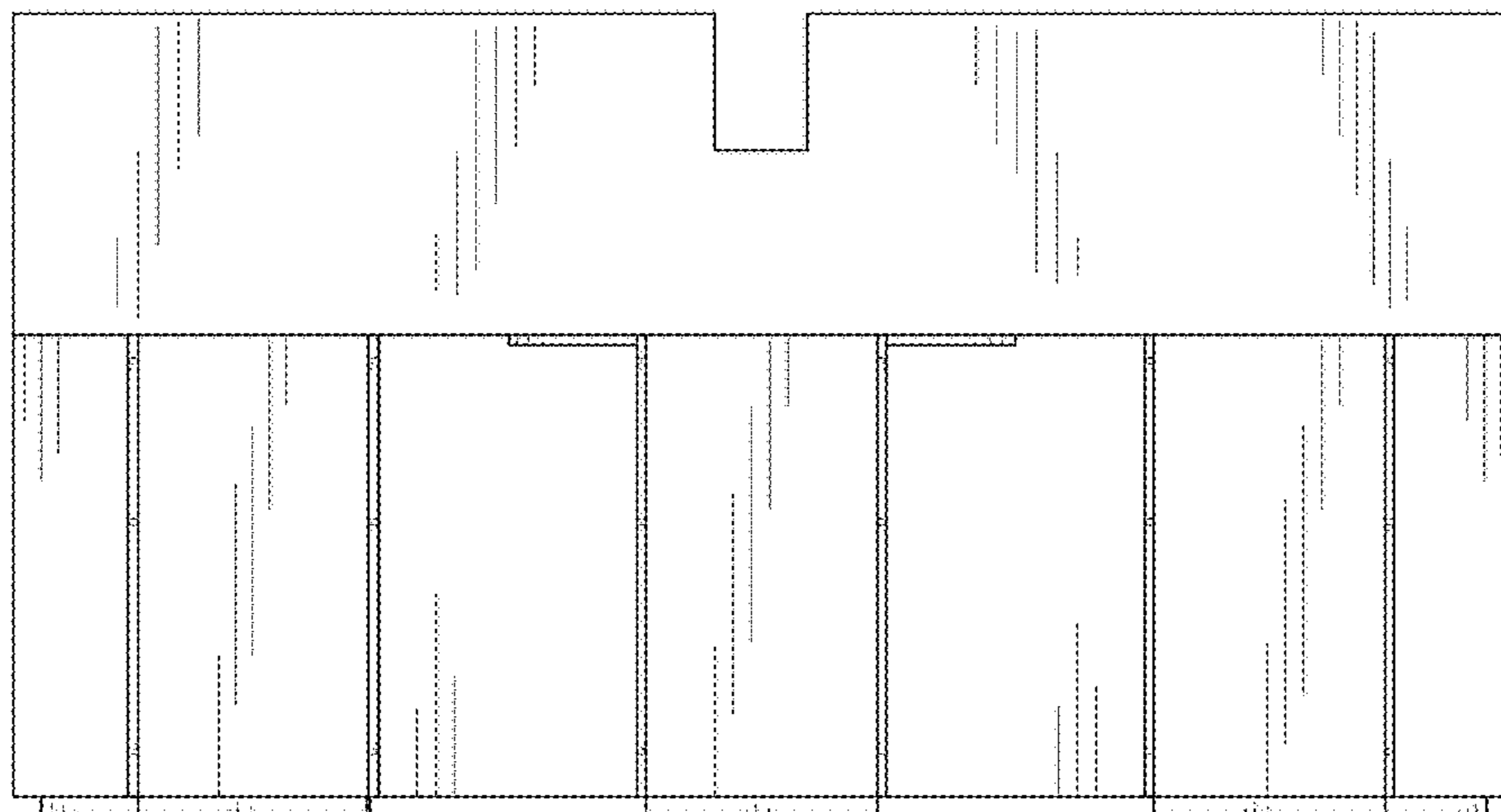


FIG. 5

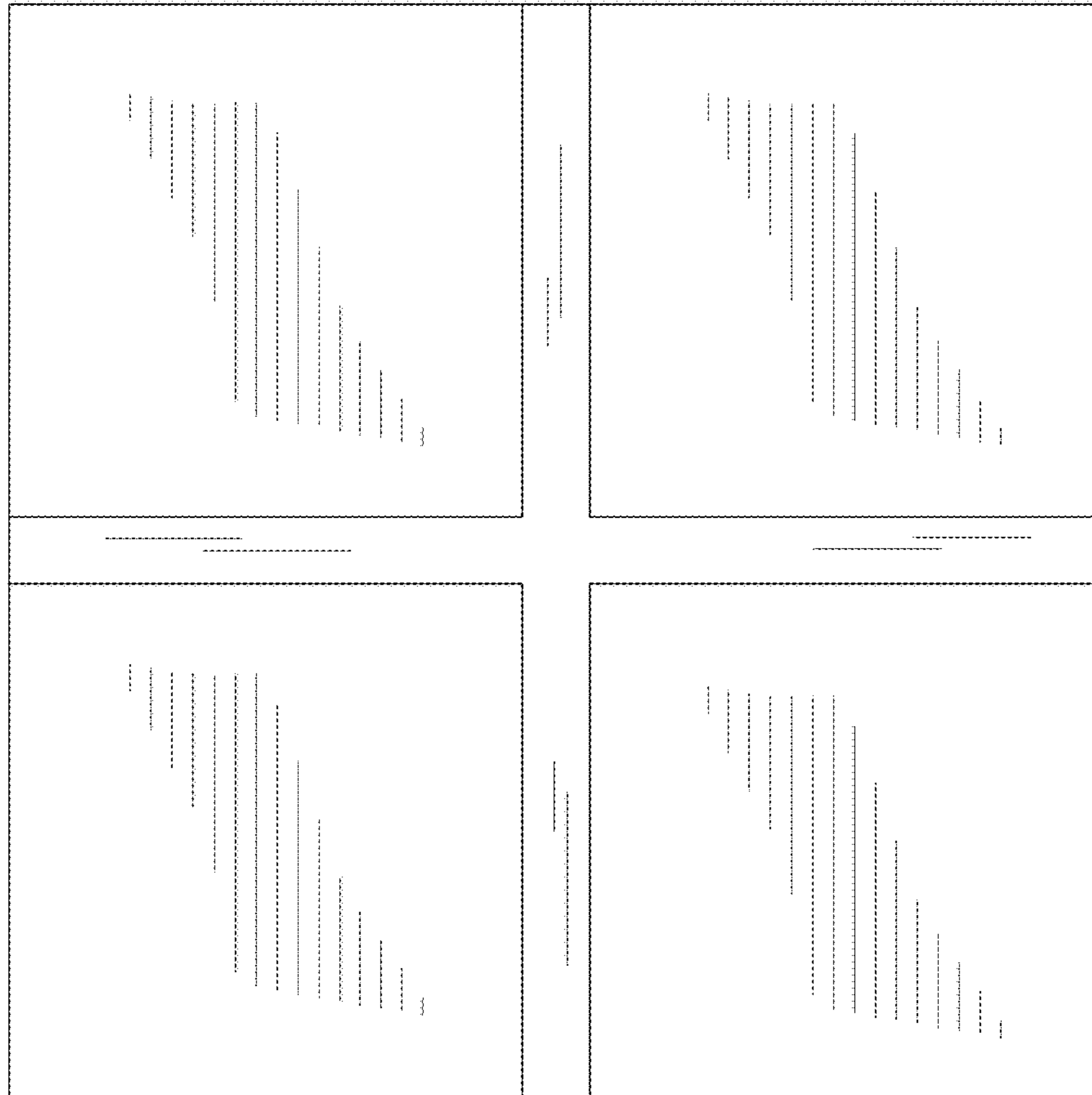


FIG. 6

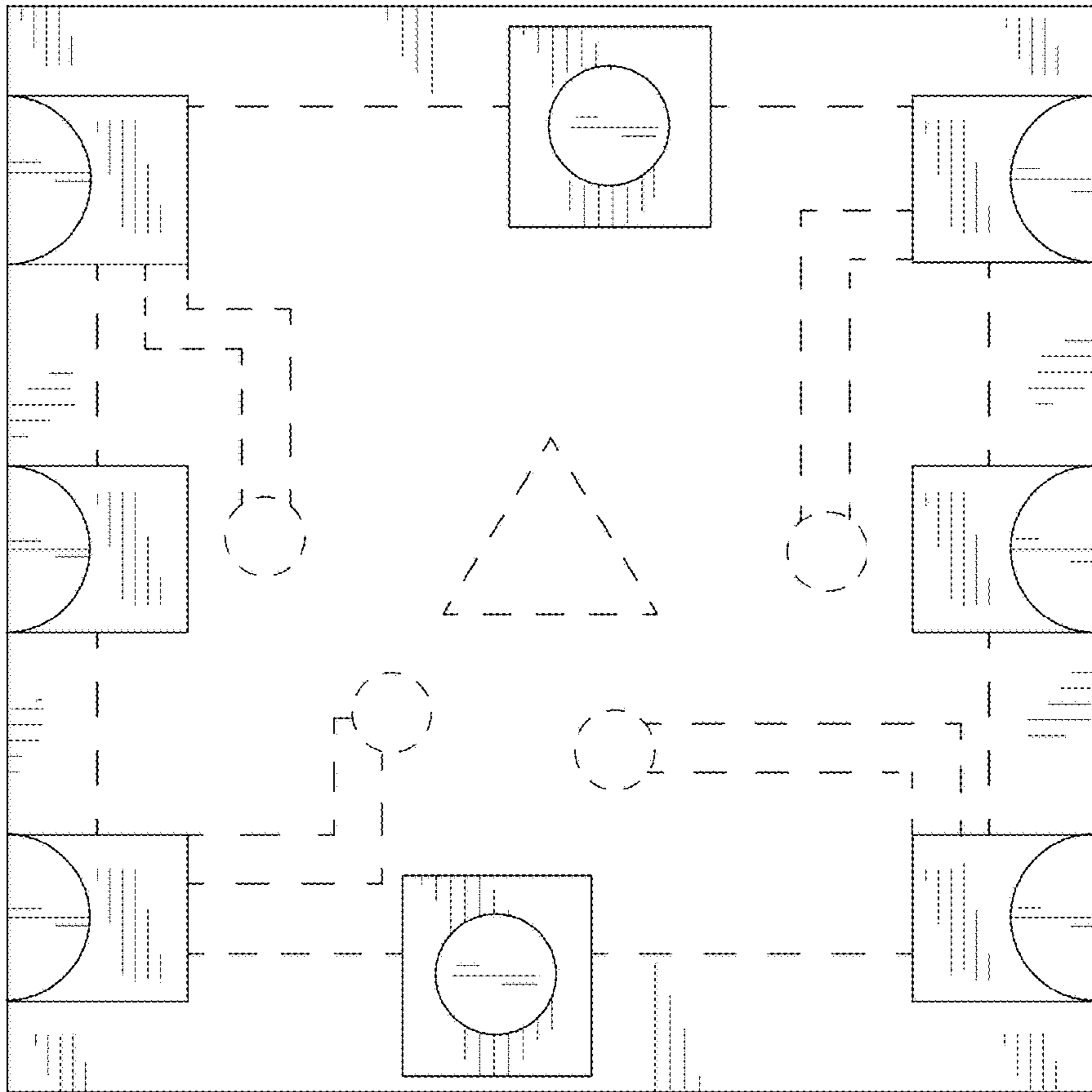


FIG. 7