



US00D774006S

(12) **United States Design Patent** (10) **Patent No.:** **US D774,006 S**
Kiridoshi et al. (45) **Date of Patent:** **** Dec. 13, 2016**

(54) **LIGHT SOURCE MODULE**

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(71) Applicant: **mitsubishi electric CORPORATION**, Tokyo (JP)

(57) **CLAIM**

(72) Inventors: **Satoru Kiridoshi**, Tokyo (JP); **Masato Teranishi**, Tokyo (JP); **Hironobu Kawaguchi**, Tokyo (JP)

The ornamental design for a light source module, as shown and described.

(73) Assignee: **Mitsubishi Electric Corporation**, Tokyo (JP)

DESCRIPTION

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

FIG. 1 is a front, top and right side perspective view of a light source module, showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a Right side elevational view thereof;
FIG. 6 is a Top plan view thereof;
FIG. 7 is a Bottom plan view thereof;
FIG. 8 is an enlarged view of A-A B-B part thereof;
FIG. 9 is an enlarged view of C-C D-D part thereof;
FIG. 10 is a cross-sectional view taken along line E-E with internal system omitted thereof;
FIG. 11 is a front, top and right side perspective view of the light source module showing an alternate environment;
FIG. 12 is a front elevational view thereof;
FIG. 13 is a rear elevational view thereof;
FIG. 14 is a left side elevational view thereof;
FIG. 15 is a Right side elevational view thereof;
FIG. 16 is a Top plan view thereof;
FIG. 17 is a Bottom plan view thereof;
FIG. 18 is an enlarged view of A-A B-B part thereof;
FIG. 19 is an enlarged view of C-C D-D part thereof; and,
FIG. 20 is a cross-sectional view taken along line E-E with internal system omitted thereof.

(21) Appl. No.: **29/516,342**

(22) Filed: **Jan. 30, 2015**

(30) **Foreign Application Priority Data**

Aug. 27, 2014 (JP) 2014-018795
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(51) **LOC (10) Cl.** **13-03**

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

(58) **Field of Classification Search**
USPC D13/180; D26/1, 72, 74, 118, 120, 122;
D6/582; D32/57

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

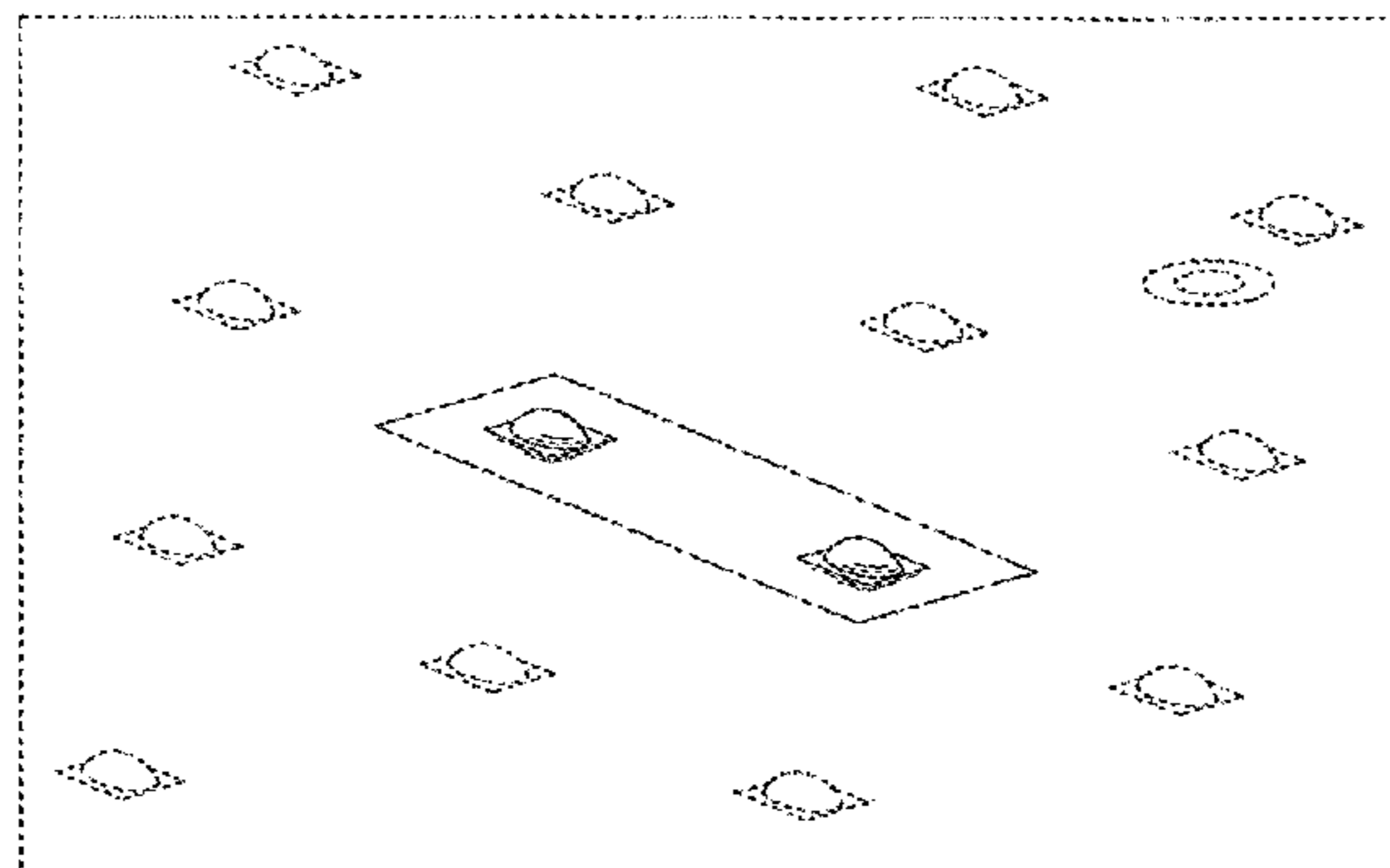
348,782 A * 9/1886 Sawyer E04F 15/10
238/283
D483,187 S * 12/2003 Cheng D5/53

(Continued)

The dot-dot broken lines in all views are shown for illustrative purposes only and form no part of the claimed design. The dash-dot broken lines define the bounds of the claimed design and form no part thereof.

Primary Examiner — Selina Sikder

1 Claim, 20 Drawing Sheets



(58) **Field of Classification Search**

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;
 F21K 9/135; F21K 9/30; F21K 9/50;
 Y10S 362/80

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,241,038 B2 * 7/2007 Naniwa F21S 48/1757
 362/249.04
 D552,566 S * 10/2007 Moriyama D13/180
 7,304,697 B2 * 12/2007 You G02F 1/133603
 349/69
 D581,120 S * 11/2008 Sofy D32/57
 D616,384 S * 5/2010 Chan D13/180
 D646,015 S * 9/2011 Chiang D26/122
 D646,234 S * 10/2011 Yao D13/180
 D653,893 S * 2/2012 Huss D6/582
 8,269,240 B2 * 9/2012 Negley H01L 33/54
 257/98
 8,393,775 B2 * 3/2013 Kim H01L 25/0753
 362/612
 8,405,105 B2 * 3/2013 Chiang F21V 5/007
 257/88
 8,523,404 B2 * 9/2013 Markytan F21K 9/00
 362/308
 D706,058 S * 6/2014 Robbins, III D6/582
 8,899,784 B2 * 12/2014 Meyer F21K 9/50
 362/240
 8,960,932 B2 * 2/2015 You H01L 25/0753
 362/84
 D730,848 S * 6/2015 Lin D13/180
 9,062,846 B2 * 6/2015 Hayashi F21V 29/00
 2001/0045573 A1 * 11/2001 Waitl H01L 31/0203
 257/205
 2003/0086030 A1 * 5/2003 Taniguchi G02B 6/005
 349/61
 2004/0130515 A1 * 7/2004 Chuang G02B 6/0021
 345/82
 2004/0175189 A1 * 9/2004 Weber-Rabsilber G09F 9/33
 398/201
 2005/0157500 A1 * 7/2005 Chen F21V 29/004
 362/294

2006/0087866 A1 * 4/2006 Ng G02F 1/133603
 362/612
 2006/0118808 A1 * 6/2006 Ishidu H01L 33/642
 257/100
 2006/0203465 A1 * 9/2006 Chang G02F 1/133603
 362/23.18
 2007/0081339 A1 * 4/2007 Chung F21K 9/00
 362/294
 2009/0129073 A1 * 5/2009 Yaw G09F 9/33
 362/231
 2009/0284951 A1 * 11/2009 Muschaweck G02B 27/0927
 362/97.1
 2009/0296017 A1 * 12/2009 Itoh G02B 6/0023
 349/61
 2010/0039825 A1 * 2/2010 Yu H01L 33/54
 362/311.02
 2011/0058378 A1 * 3/2011 Mei B29D 11/00028
 362/296.01
 2011/0134637 A1 * 6/2011 Lin F21V 29/004
 362/235
 2011/0292302 A1 * 12/2011 Park G02B 19/0071
 348/739
 2012/0155063 A1 * 6/2012 Lee G02B 6/0068
 362/97.3
 2012/0313115 A1 * 12/2012 Joo H01L 33/486
 257/88
 2013/0128581 A1 * 5/2013 Hsu F21V 19/0015
 362/249.02
 2013/0250210 A1 * 9/2013 Park G02B 6/003
 349/62
 2013/0286685 A1 * 10/2013 Yang G02B 6/0011
 362/612
 2013/0314944 A1 * 11/2013 McCollum F21V 5/00
 362/608
 2014/0036160 A1 * 2/2014 Lin G02B 6/0068
 348/739
 2014/0153237 A1 * 6/2014 Ye F21V 5/007
 362/237
 2015/0226400 A1 * 8/2015 Wada G02F 1/133611
 362/97.1
 2015/0235508 A1 * 8/2015 Shinohara G07F 17/3211
 463/31
 2015/0295147 A1 * 10/2015 Yoshida H01L 33/54
 257/98
 2015/0331285 A1 * 11/2015 Bibl G02F 1/133603
 362/84
 2016/0118557 A1 * 4/2016 Lin H01L 33/60
 257/98

* cited by examiner

FIG. 1

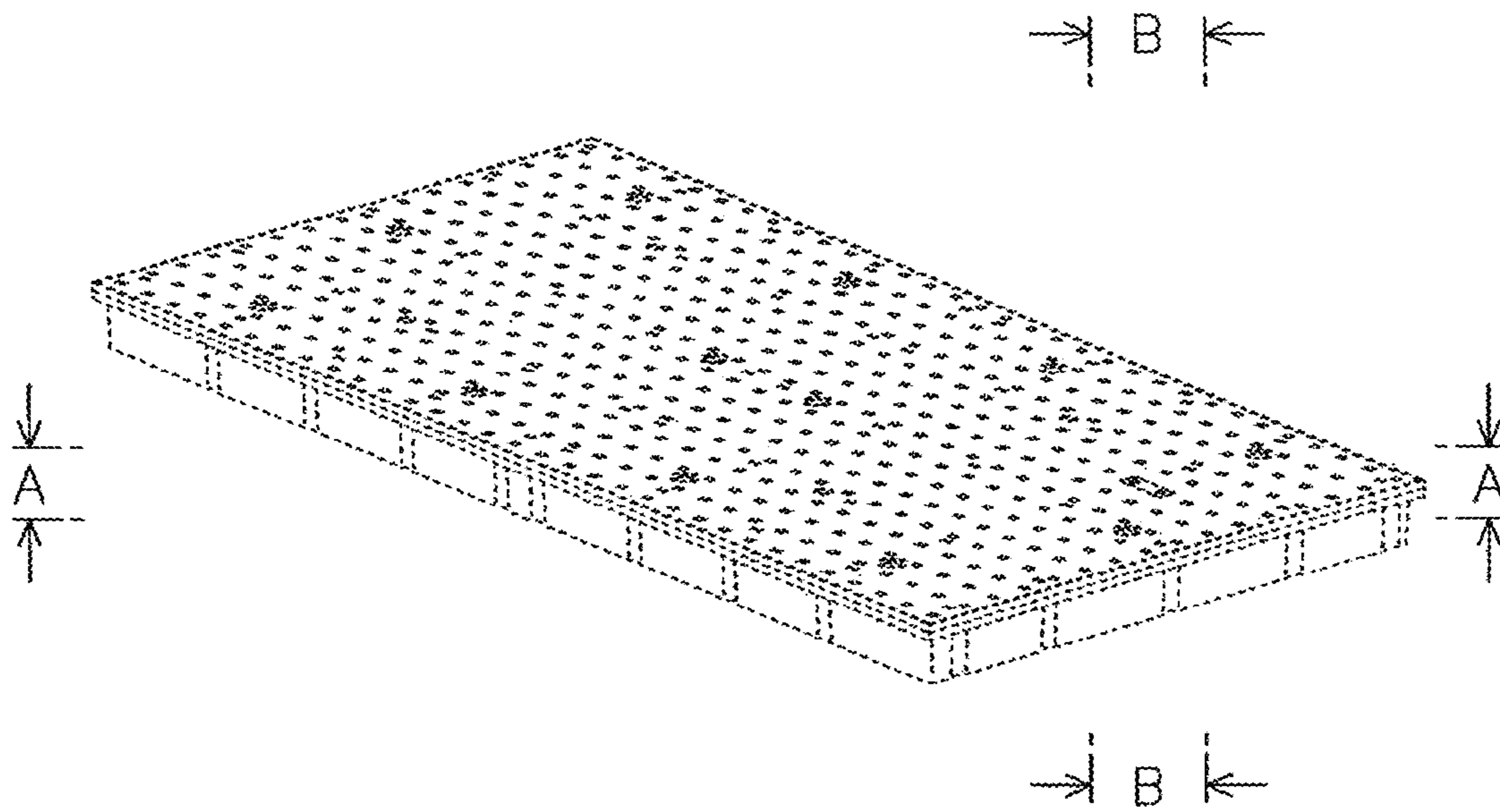


FIG. 2

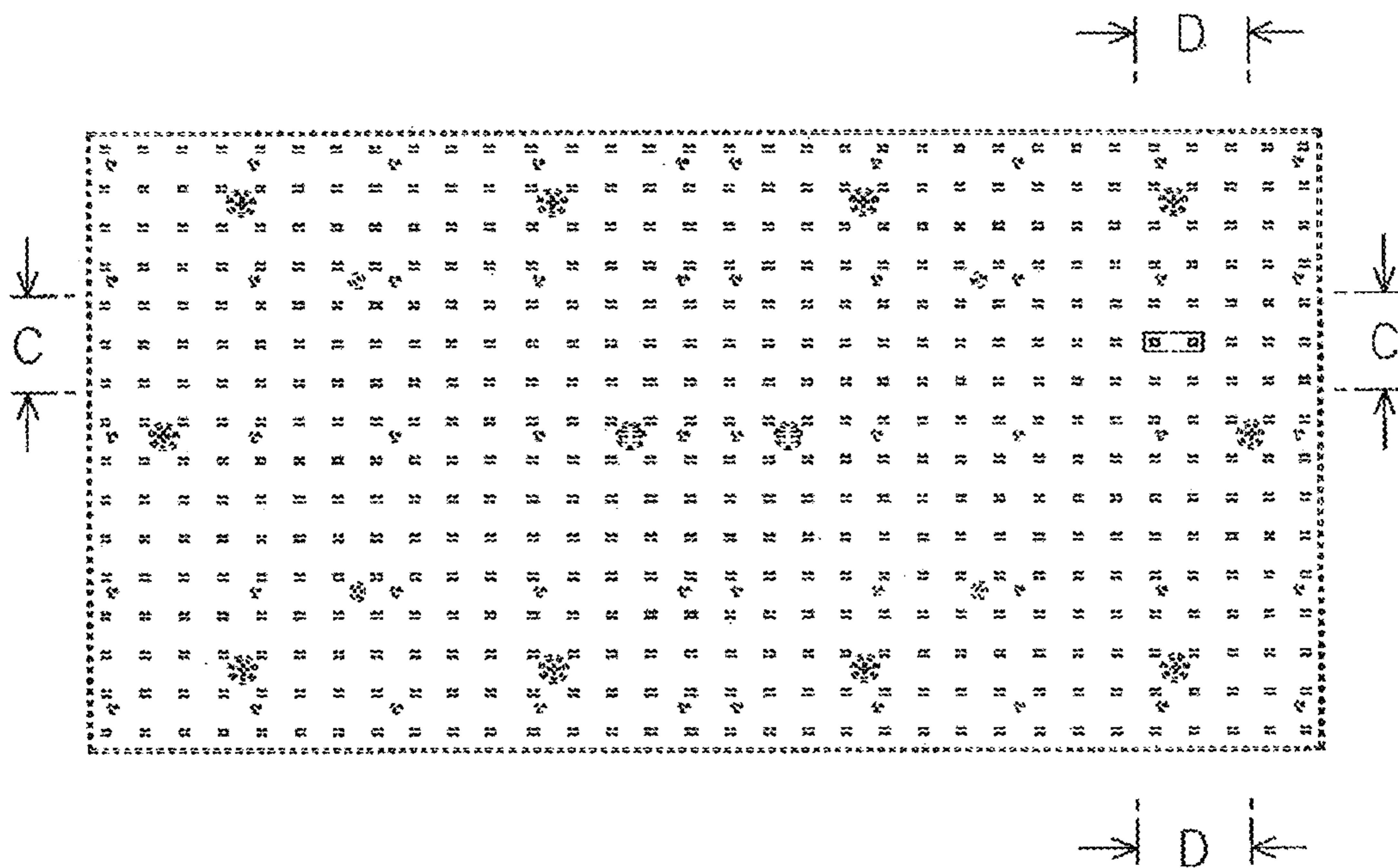


FIG. 3

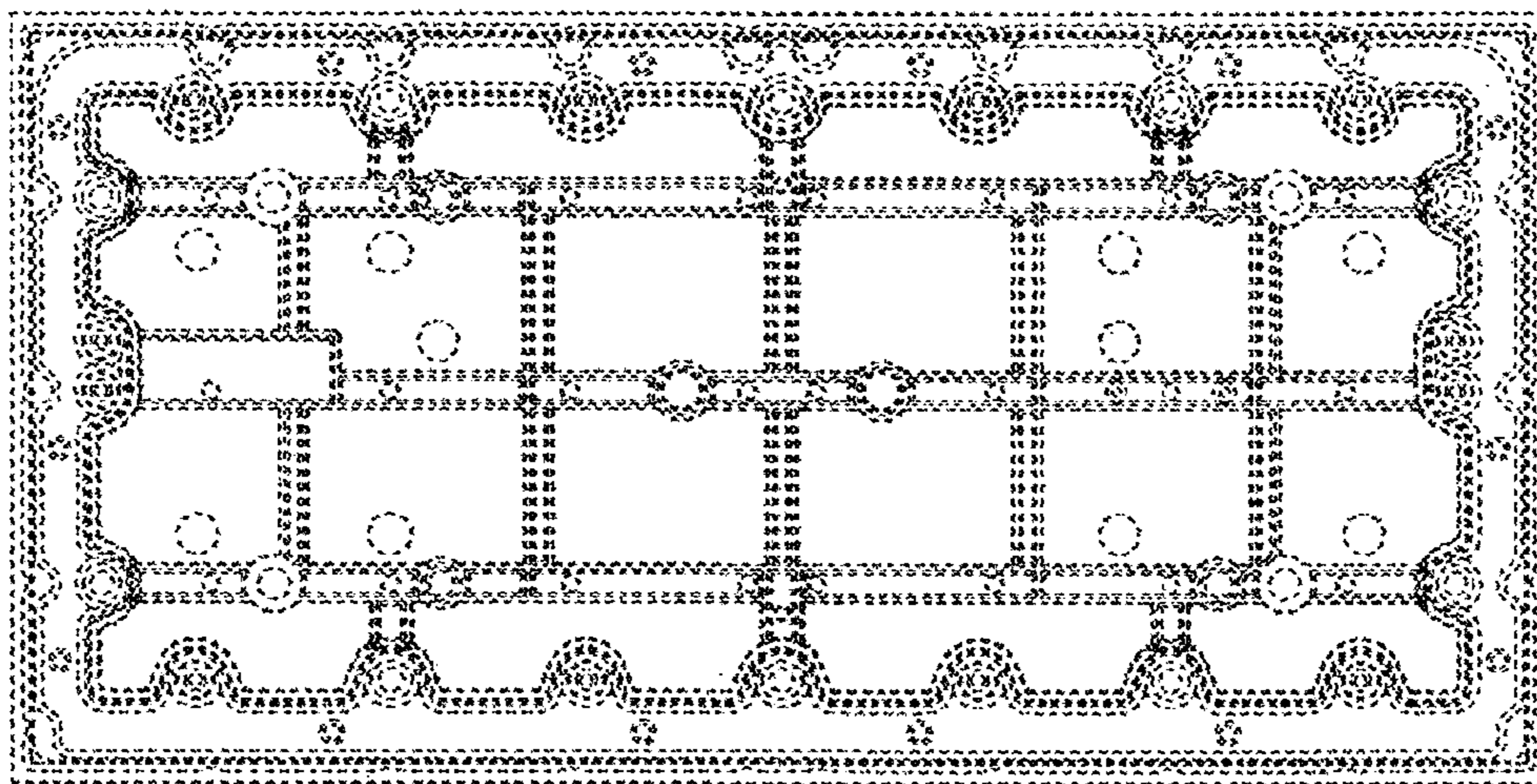


FIG. 4

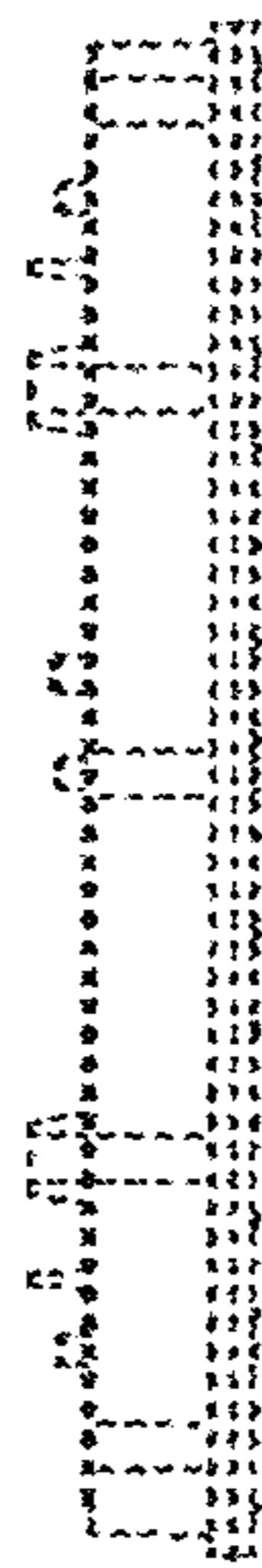


FIG. 5

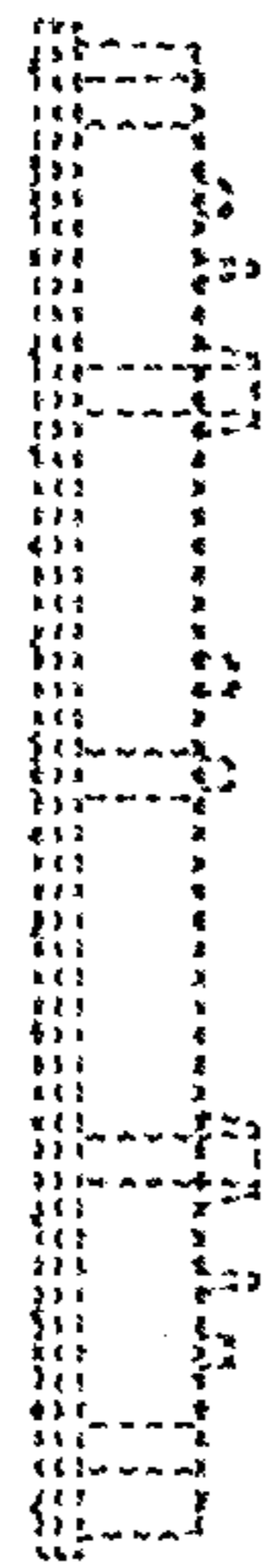


FIG. 6

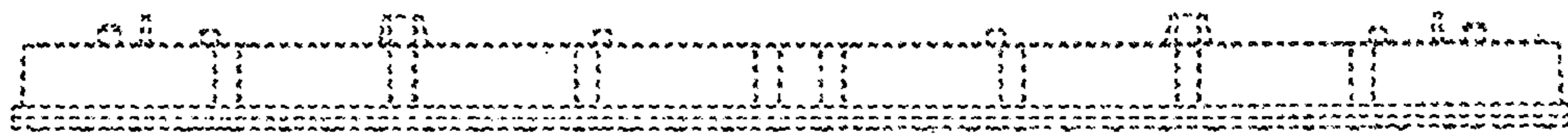


FIG. 7

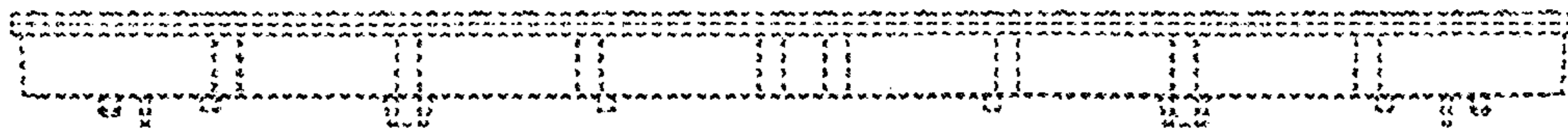


FIG. 8

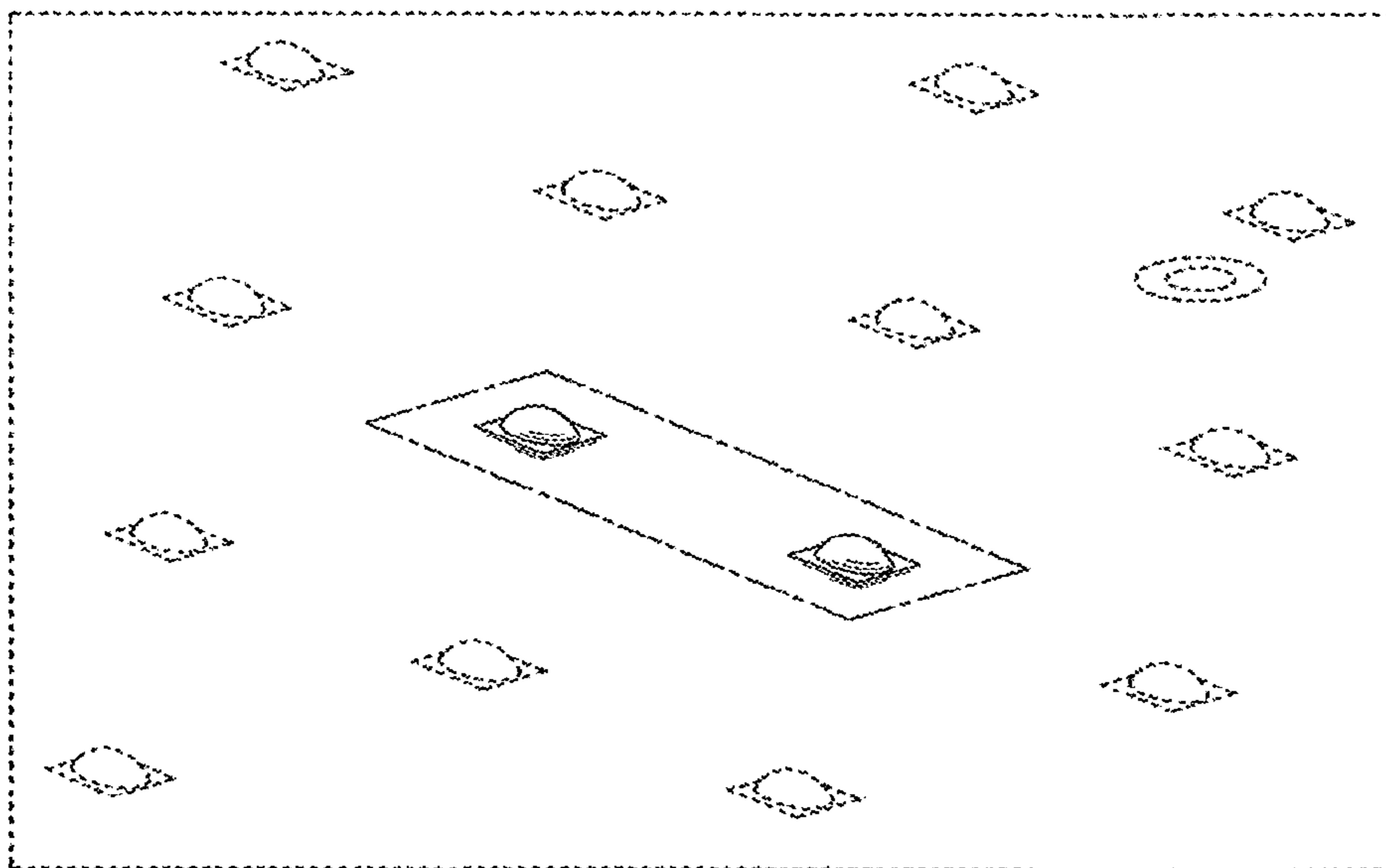


FIG. 9

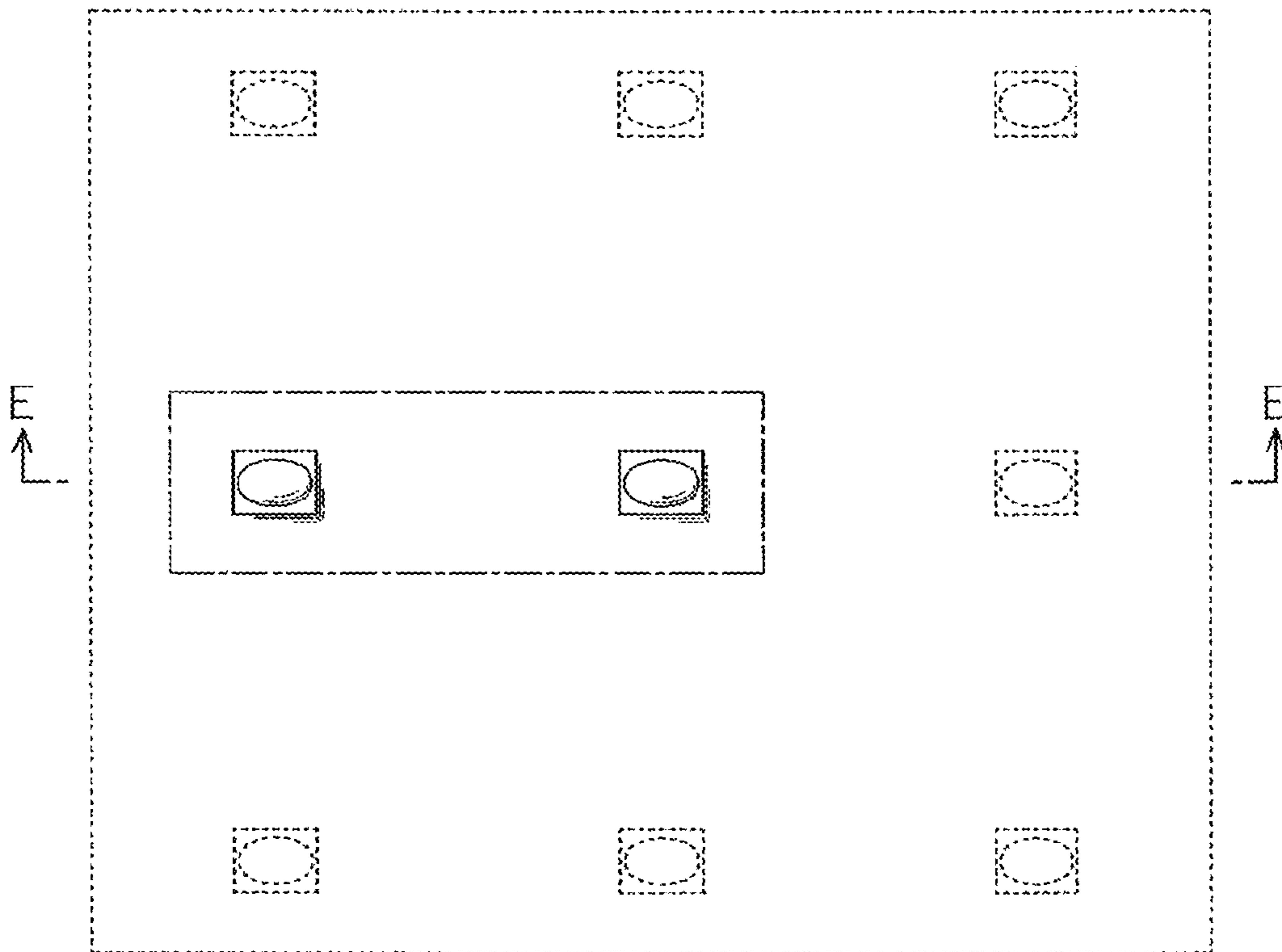


FIG. 10



FIG. 11

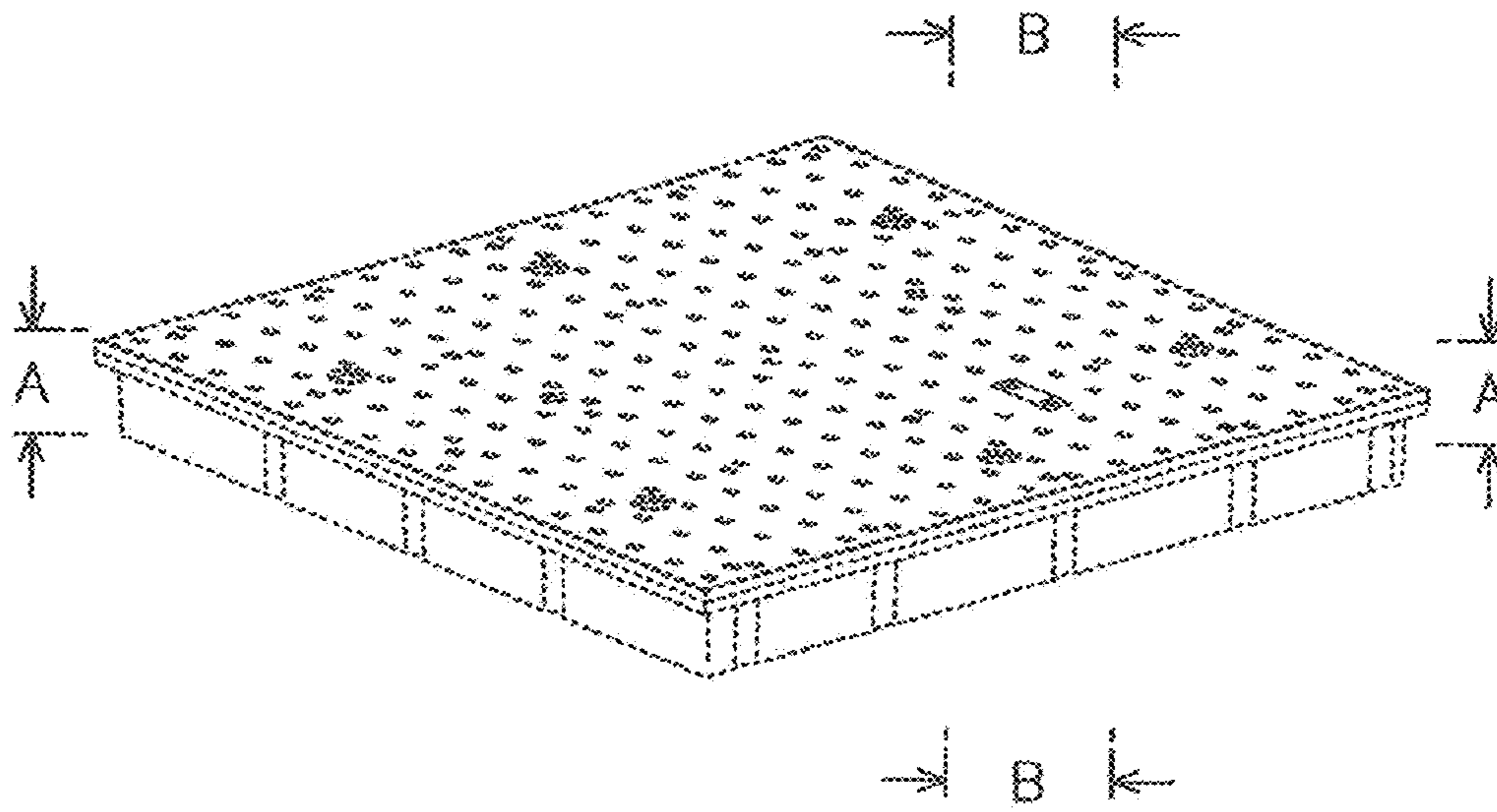


FIG. 12

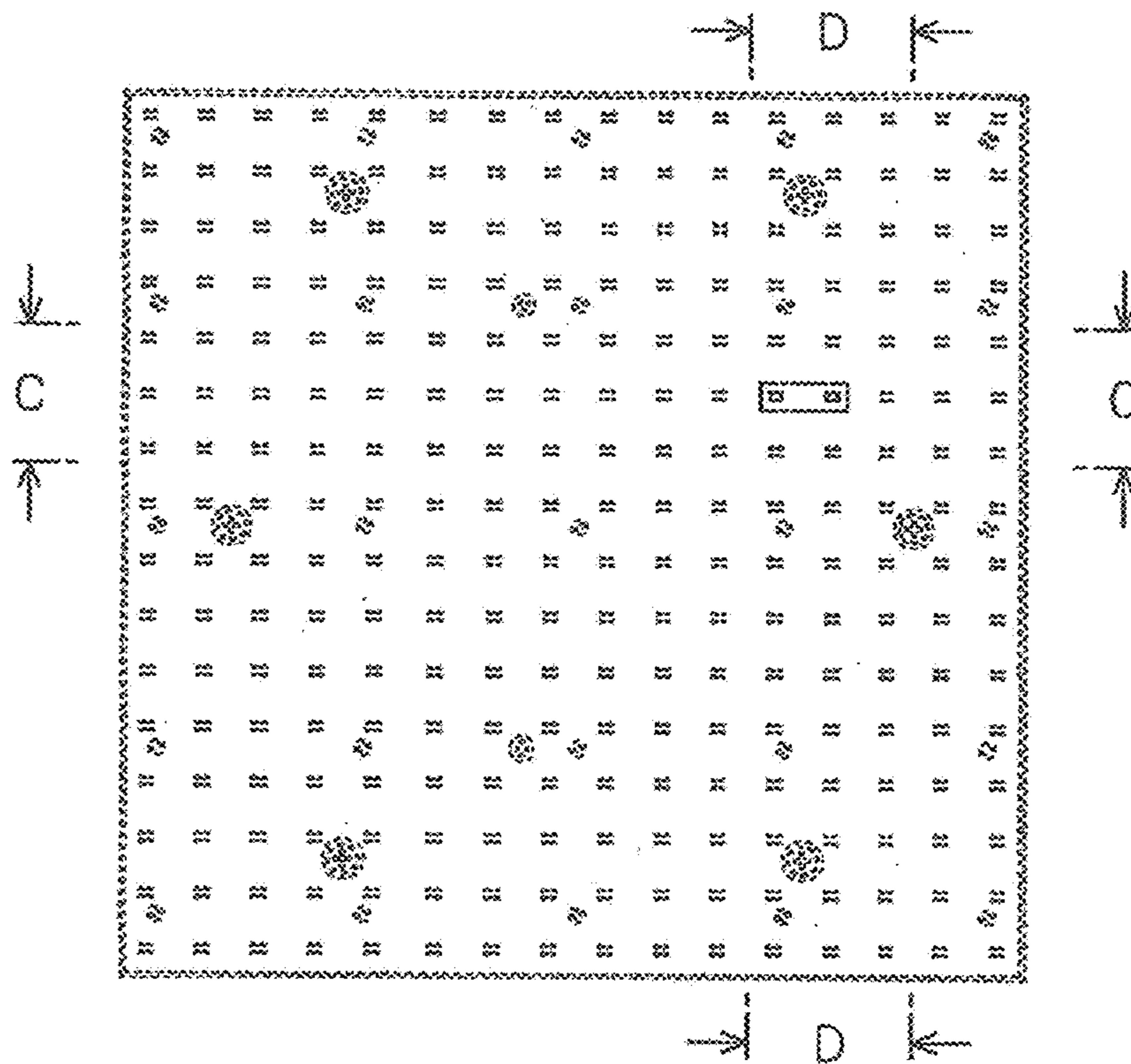


FIG. 13

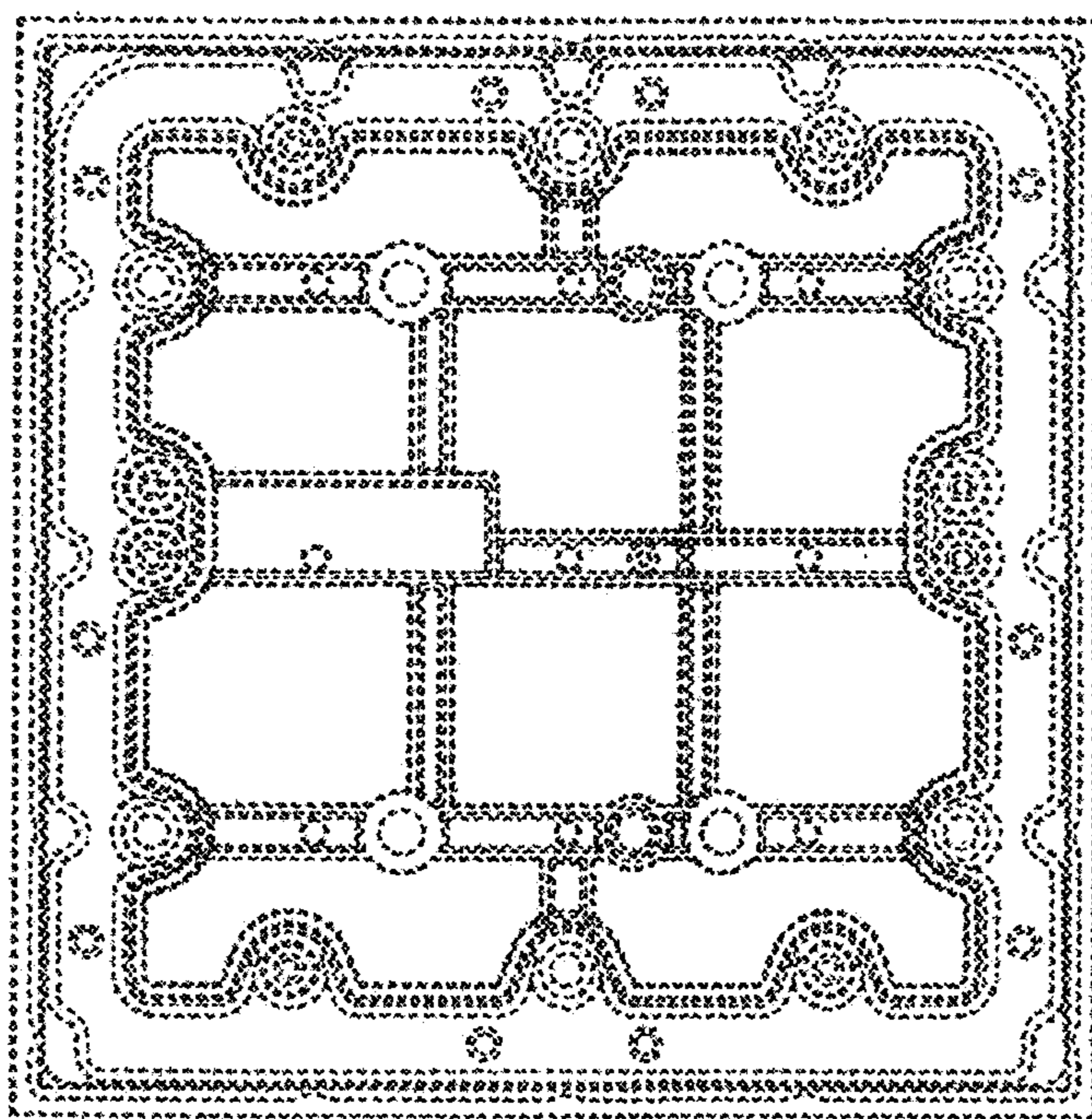


FIG. 14

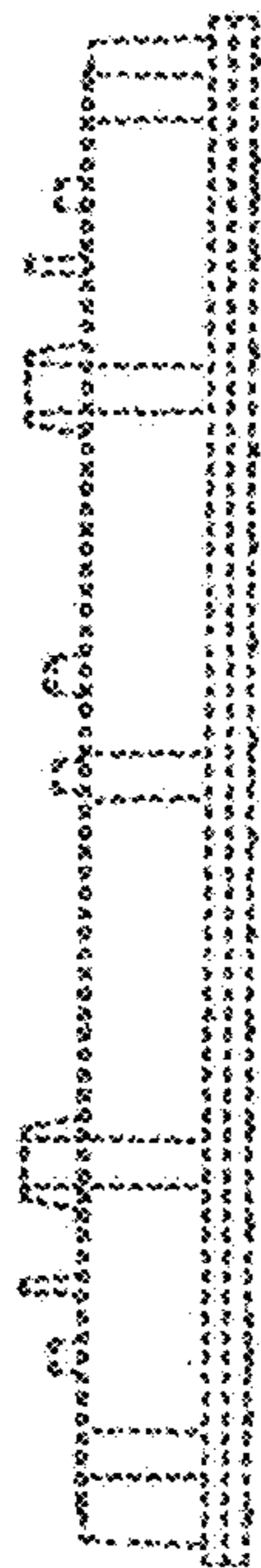


FIG. 15

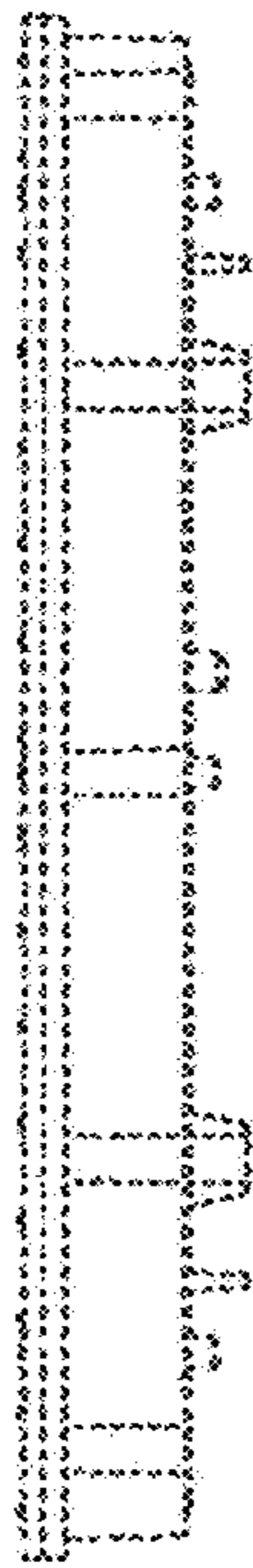


FIG. 16

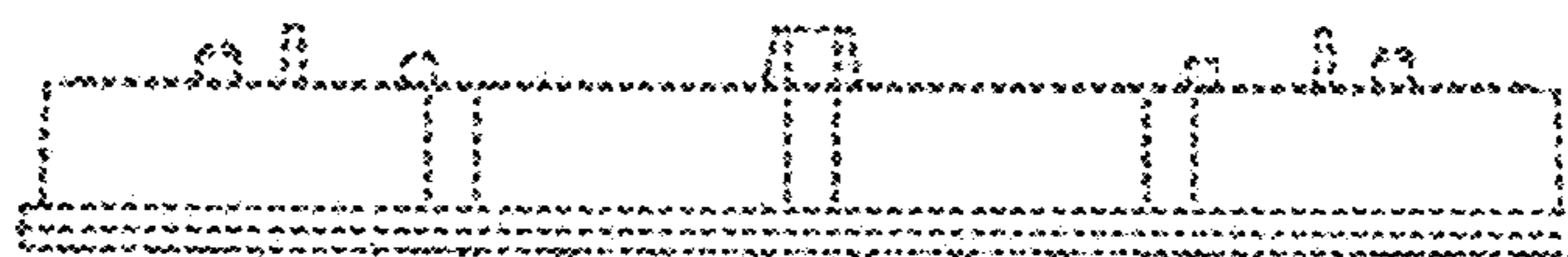


FIG. 17

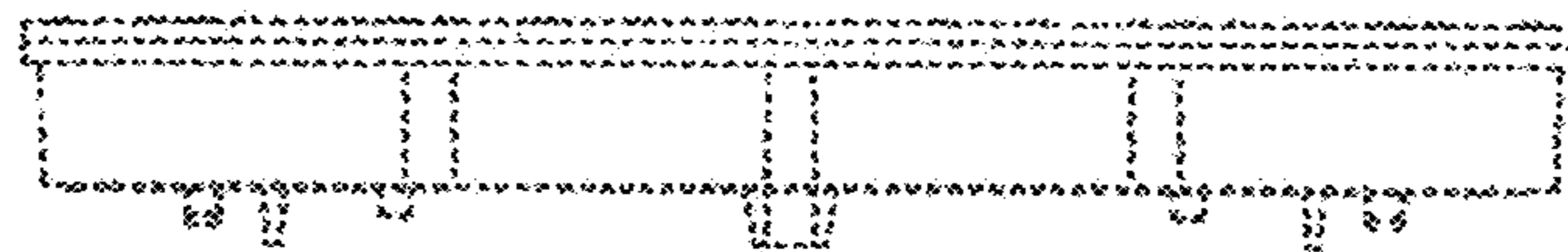


FIG. 18

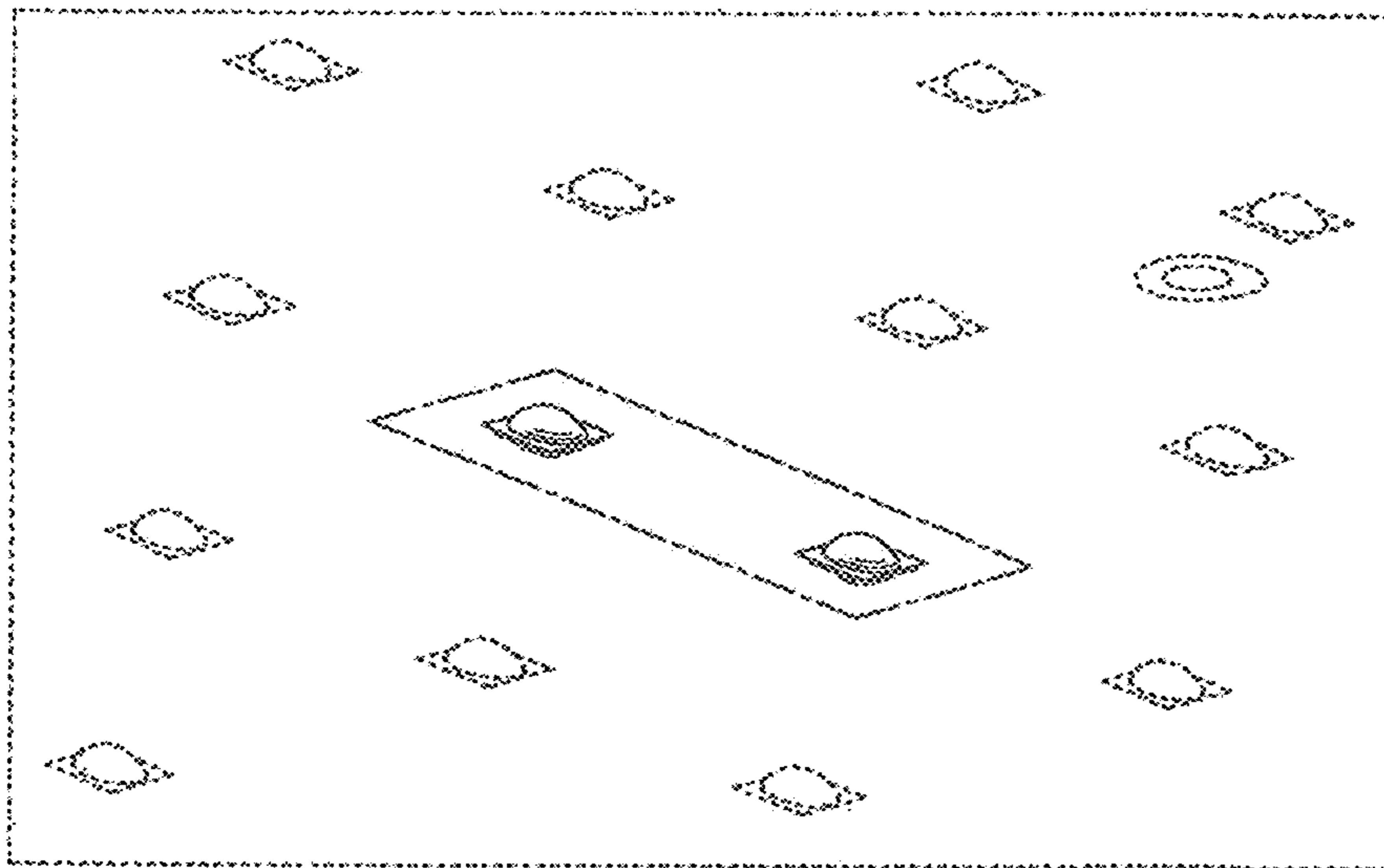


FIG. 19

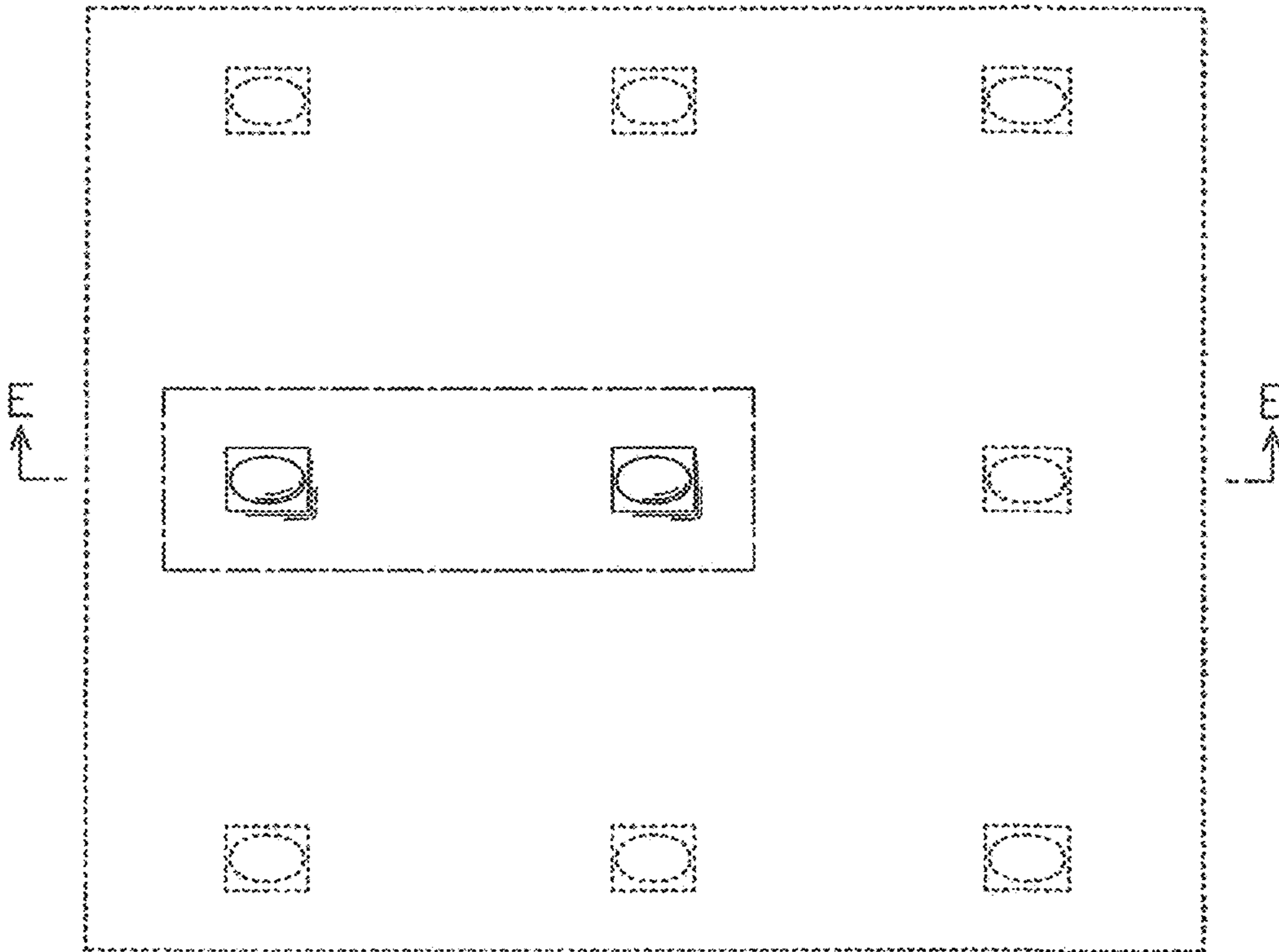


FIG. 20

