



US00D530003S

(12) **United States Design Patent** (10) **Patent No.:** **US D530,003 S**
Komori et al. (45) **Date of Patent:** **** Oct. 10, 2006**

(54) **PARTICULATE FILTER FOR DIESEL ENGINE**

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(Continued)

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

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(21) Appl. No.: **29/237,583**

(57) **CLAIM**

(22) Filed: **Sep. 6, 2005**

The ornamental design for particulate filter for diesel engine, as shown and described.

Related U.S. Application Data

DESCRIPTION

(60) Continuation of application No. 29/218,112, filed on Nov. 29, 2004, which is a division of application No. 29/173,322, filed on Dec. 27, 2002, now Pat. No. Des. 505,194.

(30) **Foreign Application Priority Data**

Jun. 28, 2002 (JP) 2002-017495
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FIG. 1 is a front view of a particulate filter for diesel engine according to the present invention, the rear view being a mirror image of the front view;

FIG. 2 is a top plan view showing the particulate filter of FIG. 1, the bottom plan view being a mirror image of the top plan view;

FIG. 3 is a right side view showing the particulate filter of FIG. 1, the left side view being a mirror image of the right side view;

FIG. 4 is an enlarged view of FIG. 3;

FIG. 5 is a cross-sectional view taken along line 5—5 of FIG. 1;

FIG. 6 is an enlarged cross-sectional view taken along line 6—6 of FIG. 1;

FIG. 7 is an enlarged cross-sectional view taken along line 7—7 of FIG. 1;

FIG. 8 is an enlarged cross-sectional view taken along line 8—8 of FIG. 1;

FIG. 9 is an enlarged view showing the top right quarter of FIG. 3;

FIG. 10 is an enlarged view showing the top right quarter of FIG. 6;

FIG. 11 is an enlarged view showing the top right quarter of FIG. 7; and,

FIG. 12 is an enlarged view showing the top right quarter of FIG. 8.

(51) **LOC (8) Cl.** **23-04**

(52) **U.S. Cl.** **D23/365; D15/5**

(58) **Field of Classification Search** D23/365,
D23/364; D15/5; 55/385.3, 523; D5/1, 47,
D5/5

See application file for complete search history.

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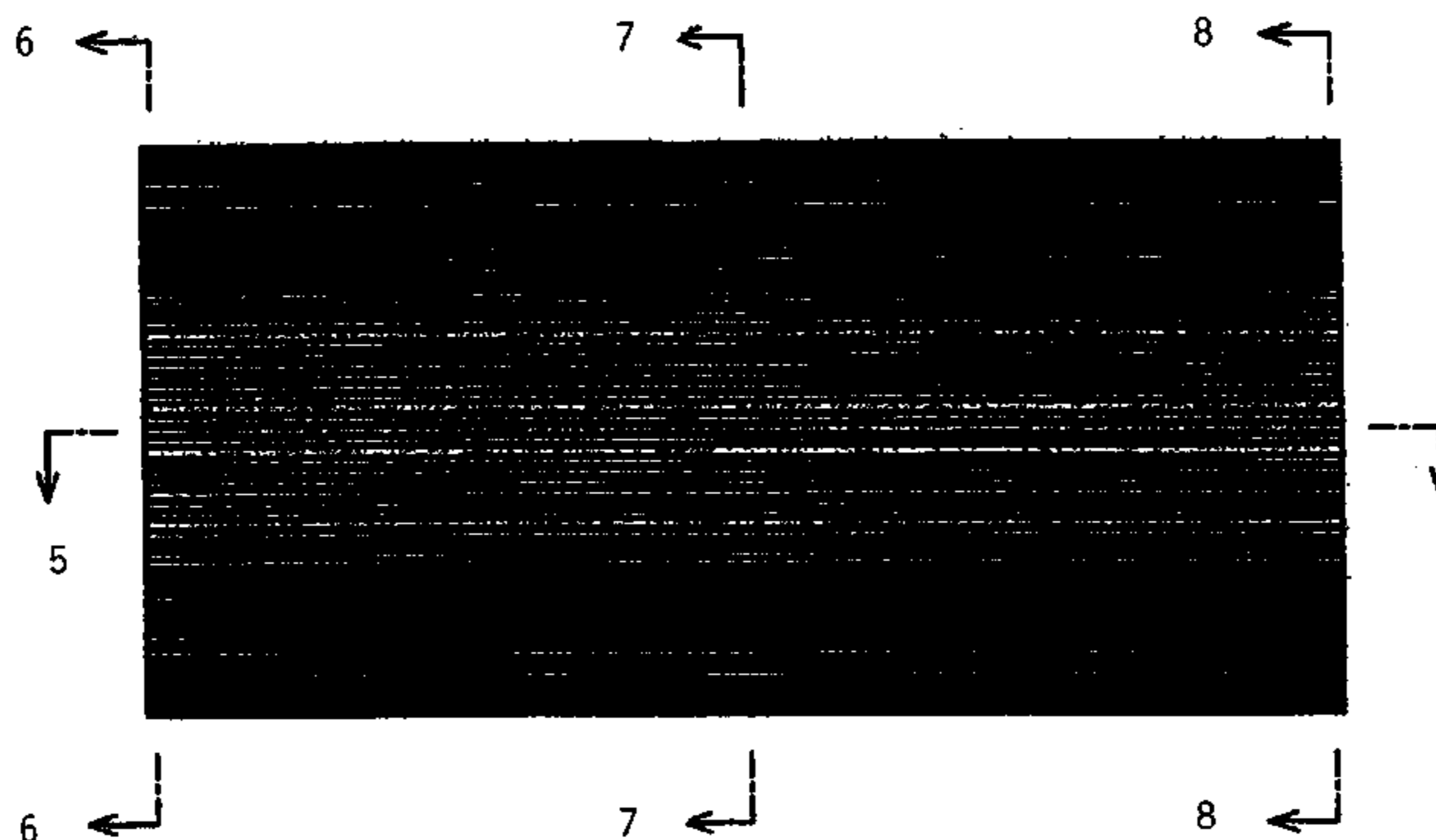
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Fig. 1

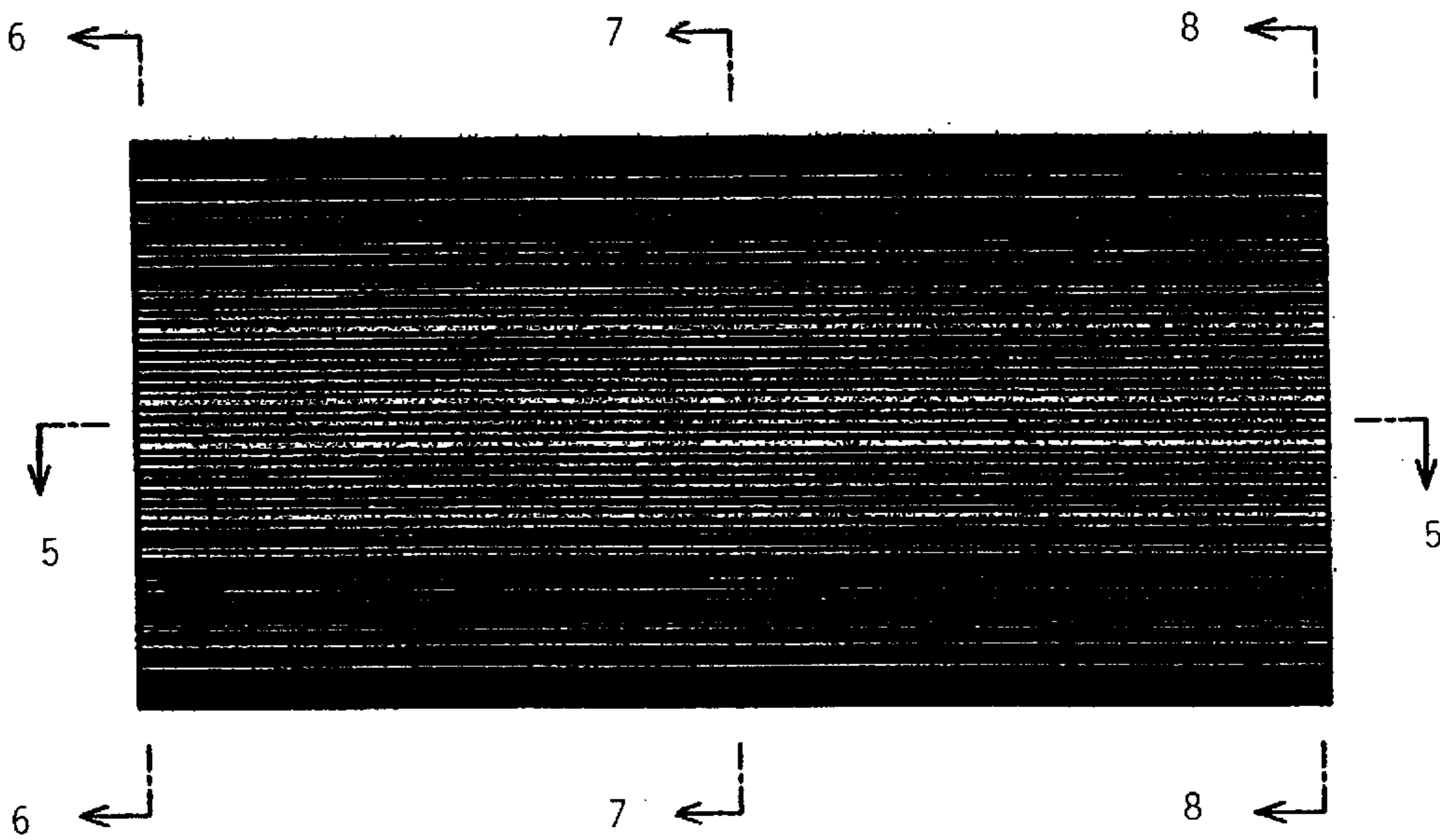


Fig.2

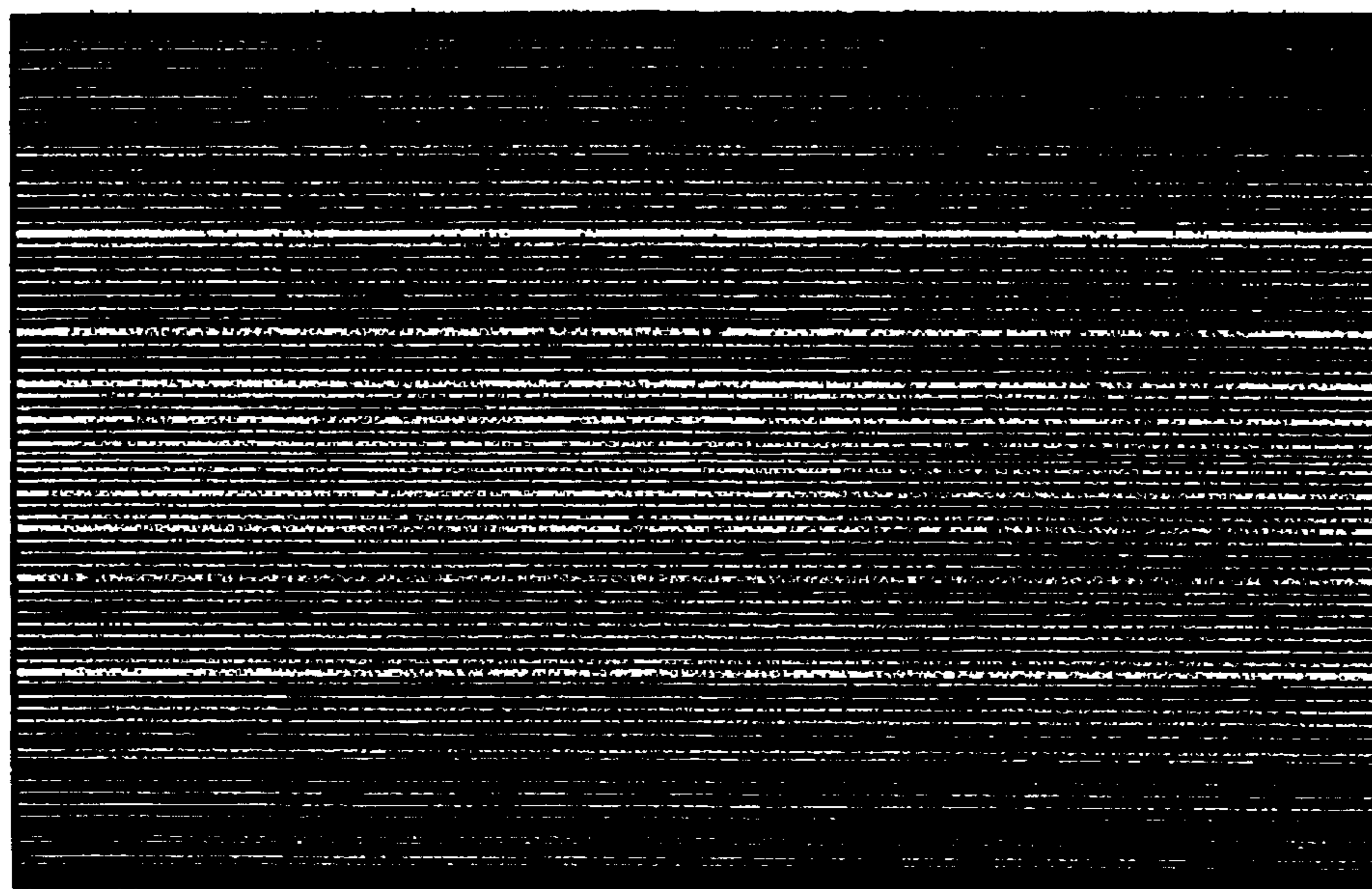


Fig.3

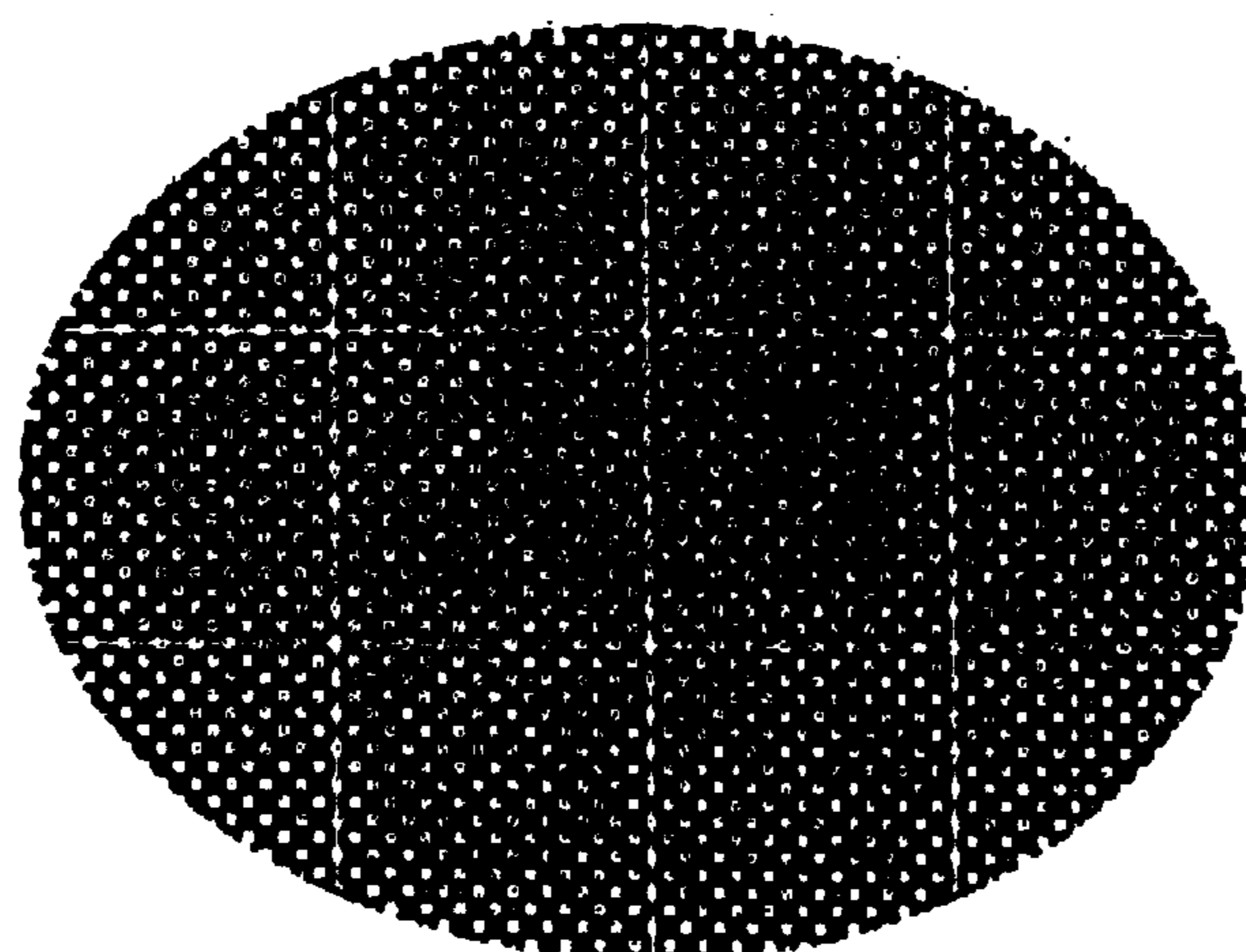


Fig. 4

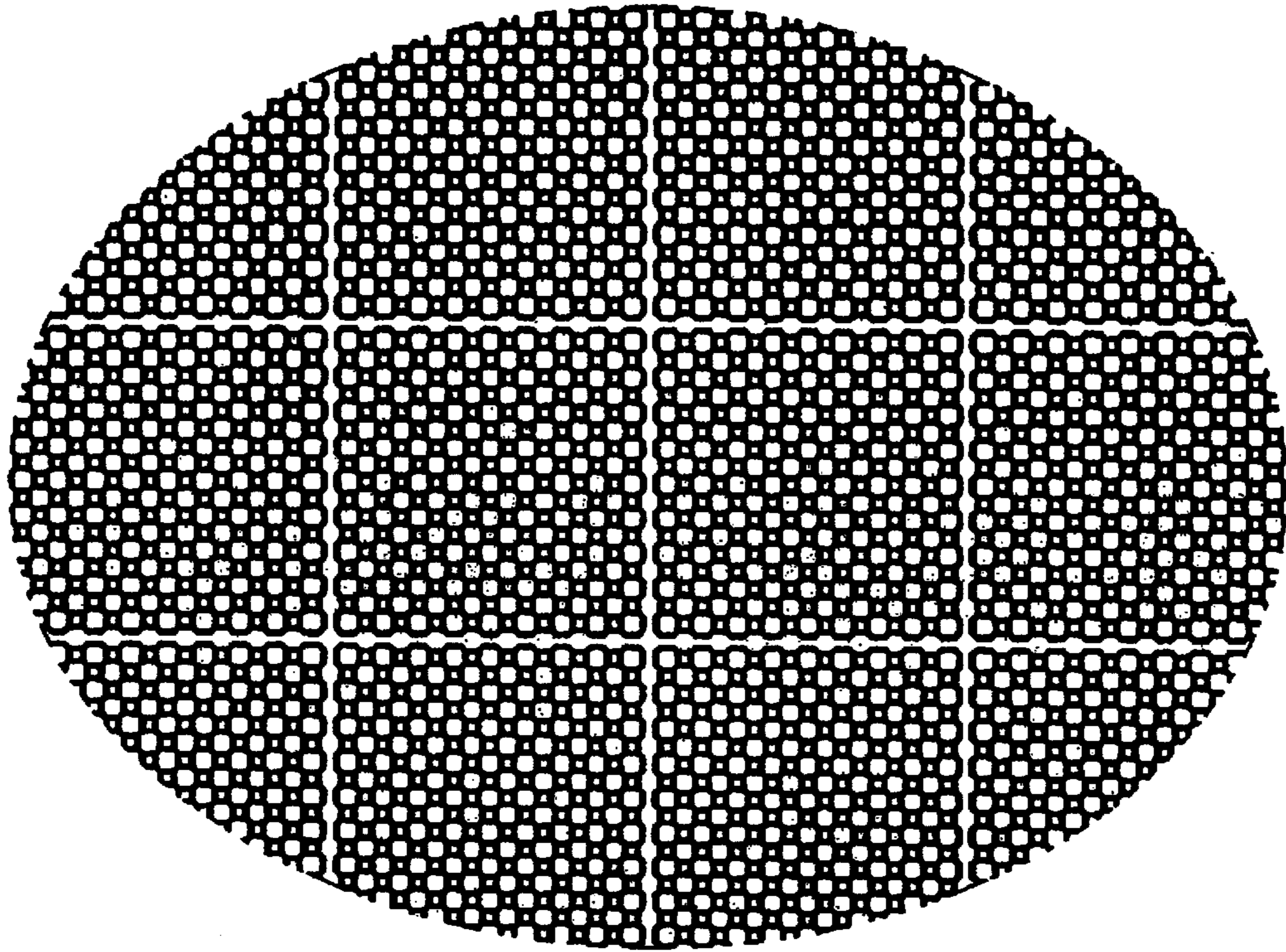


Fig. 5

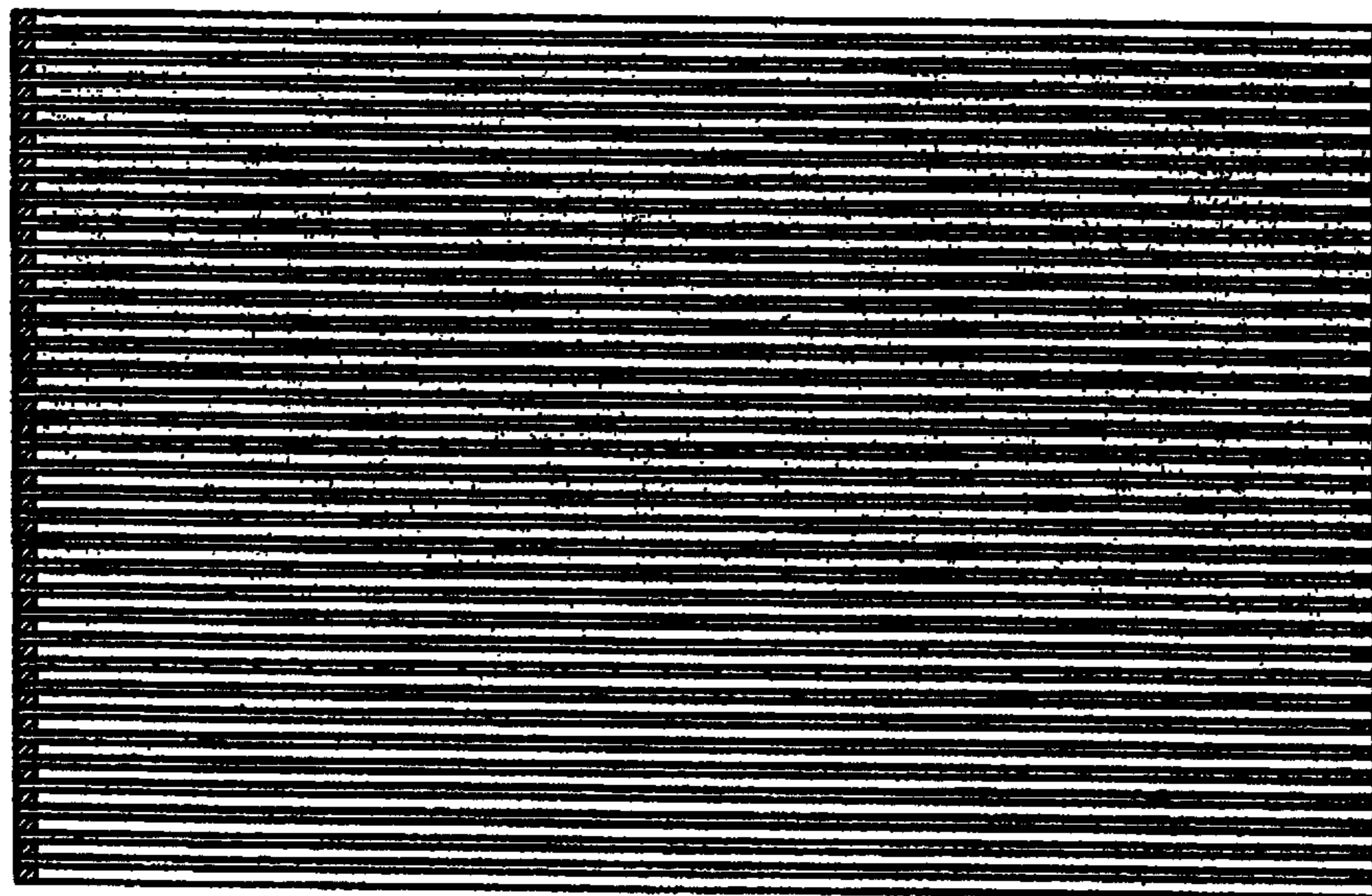


Fig. 6

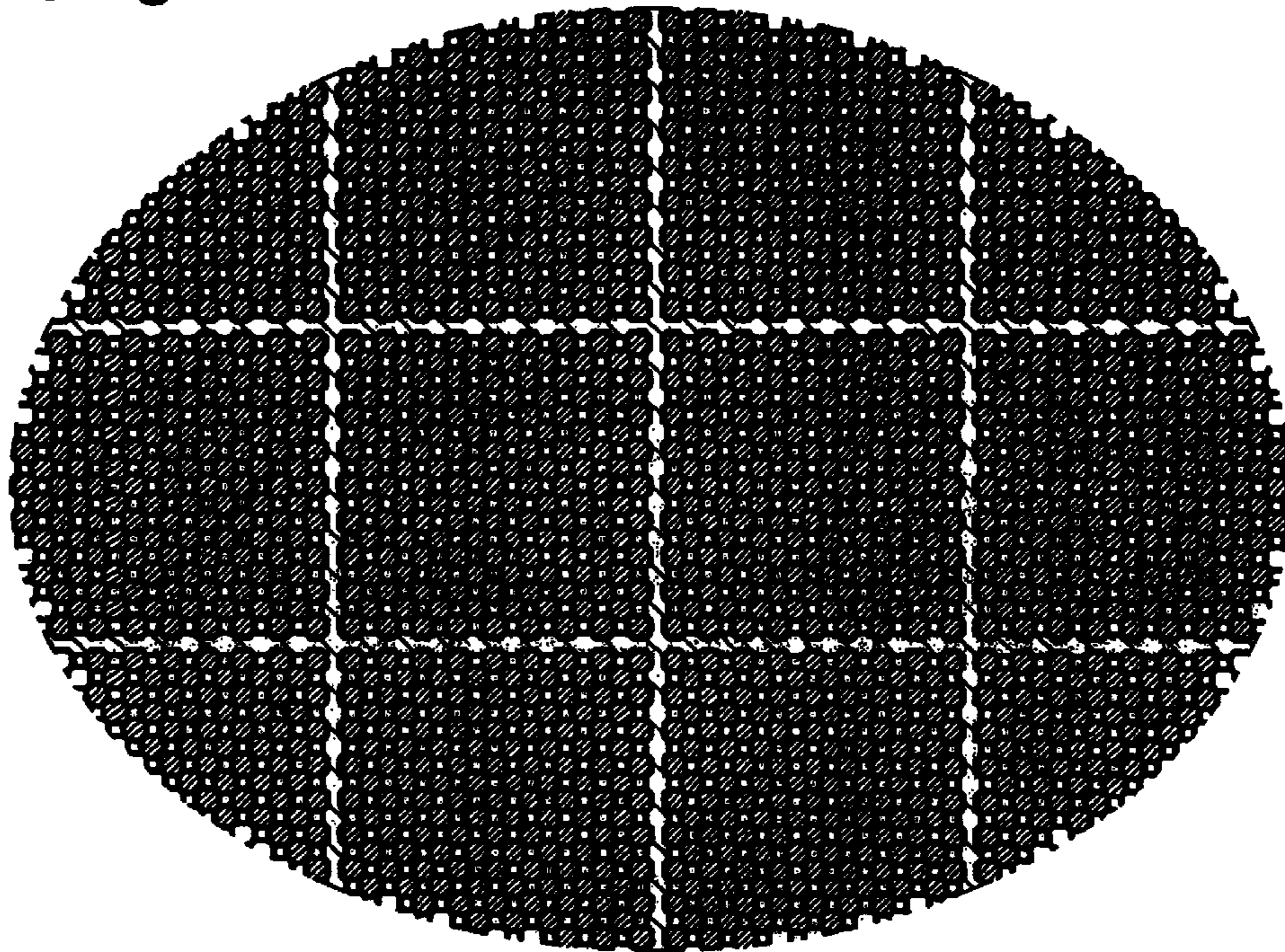


Fig. 7

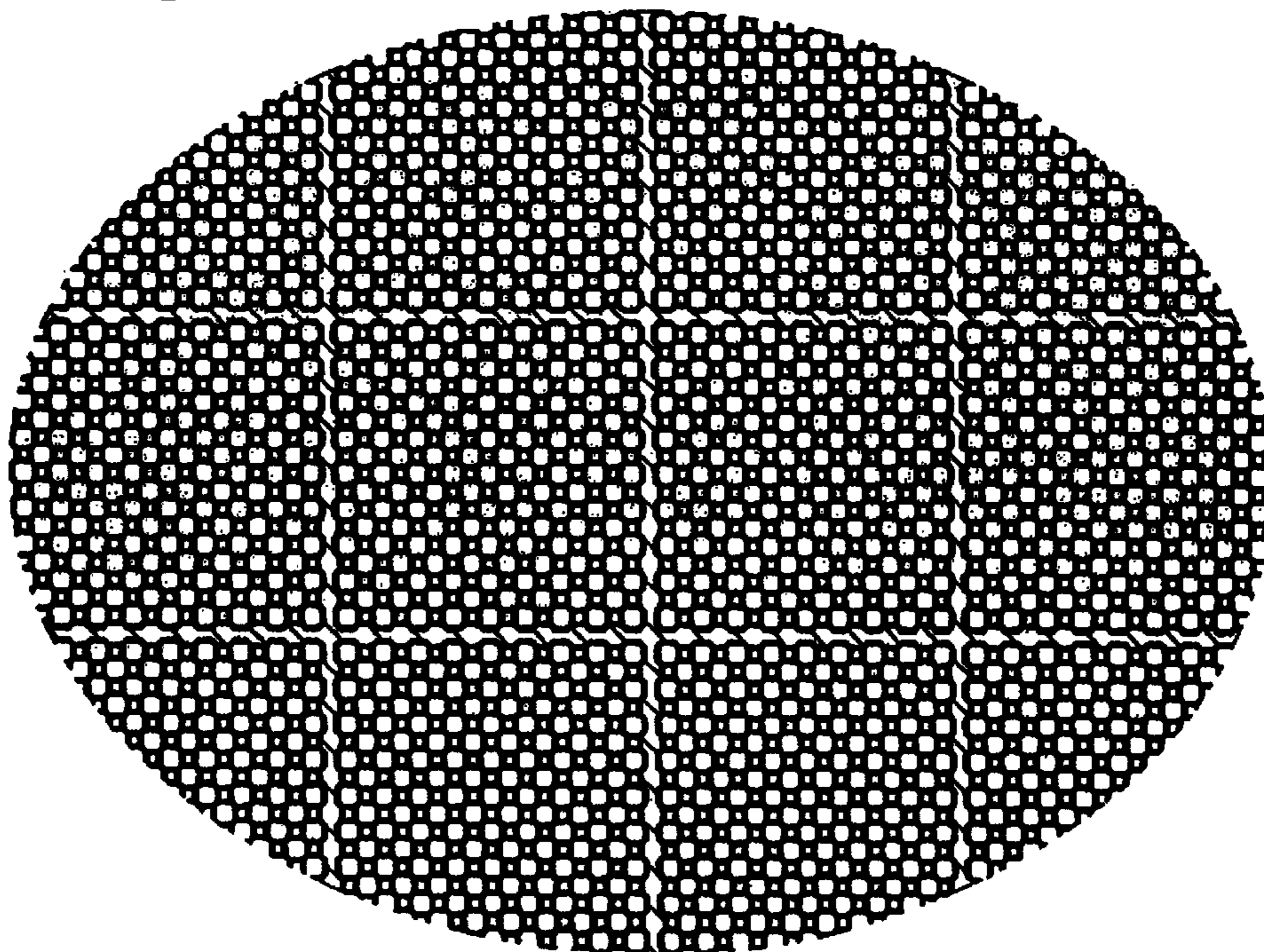


Fig. 8

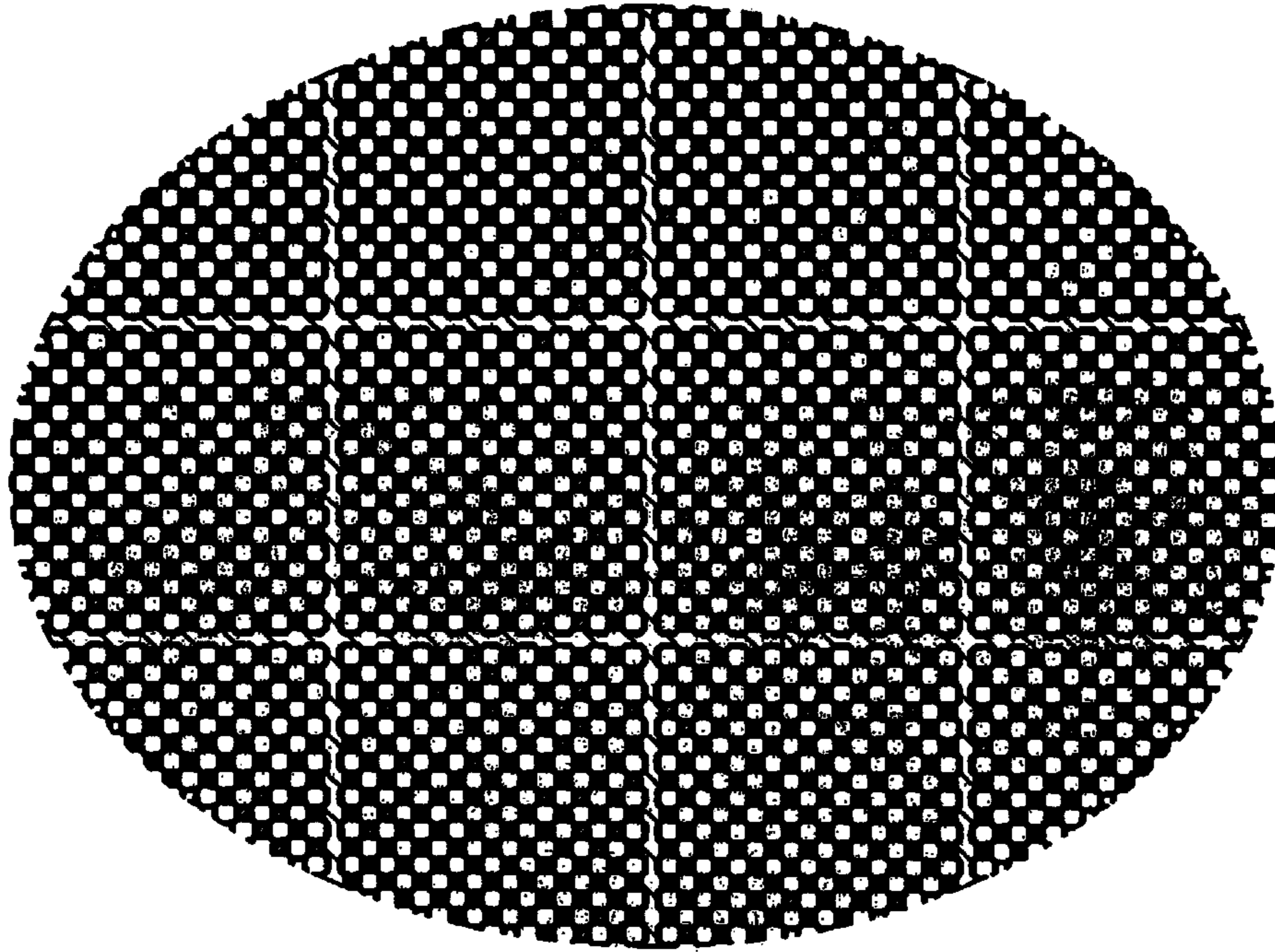


Fig. 9

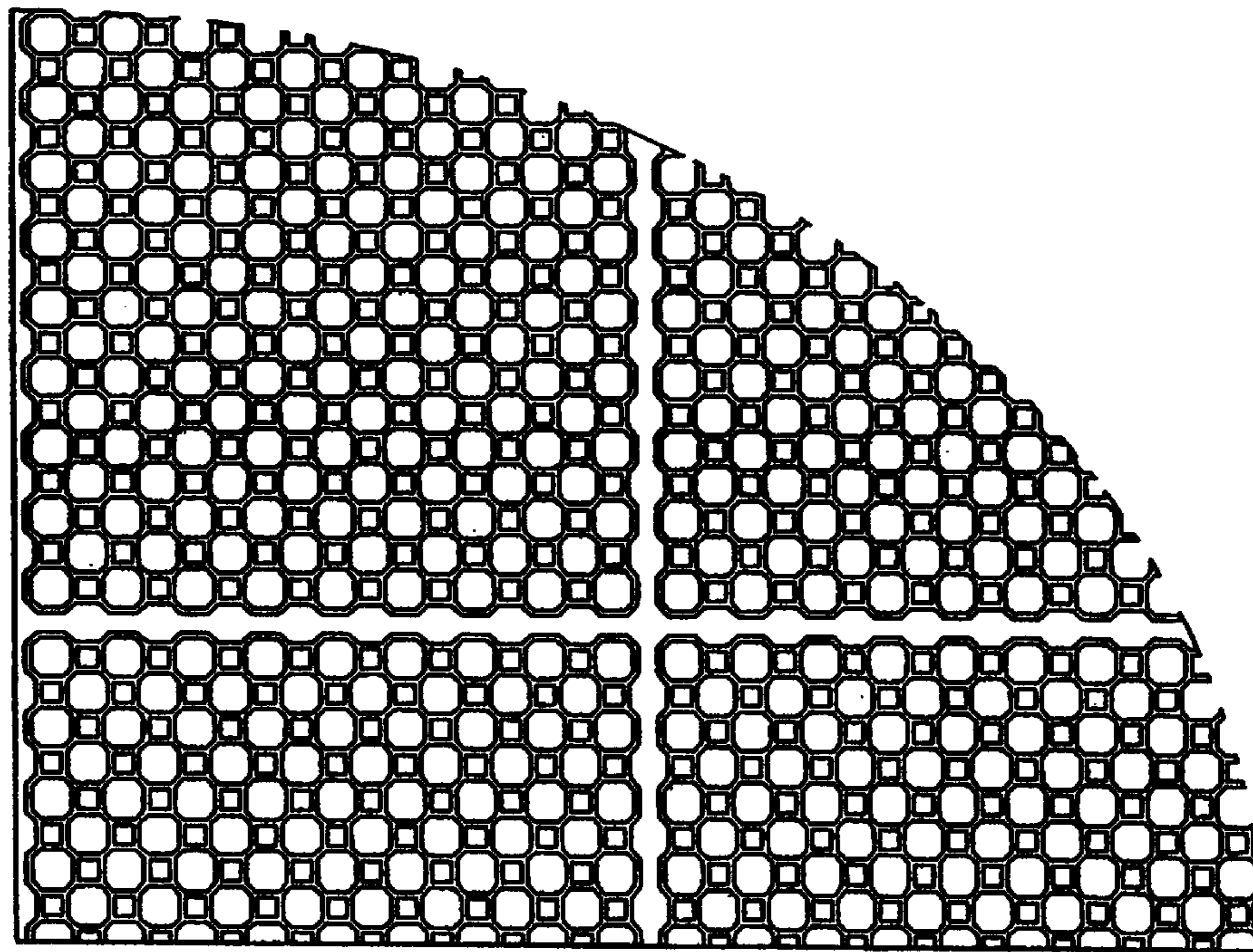


Fig.10

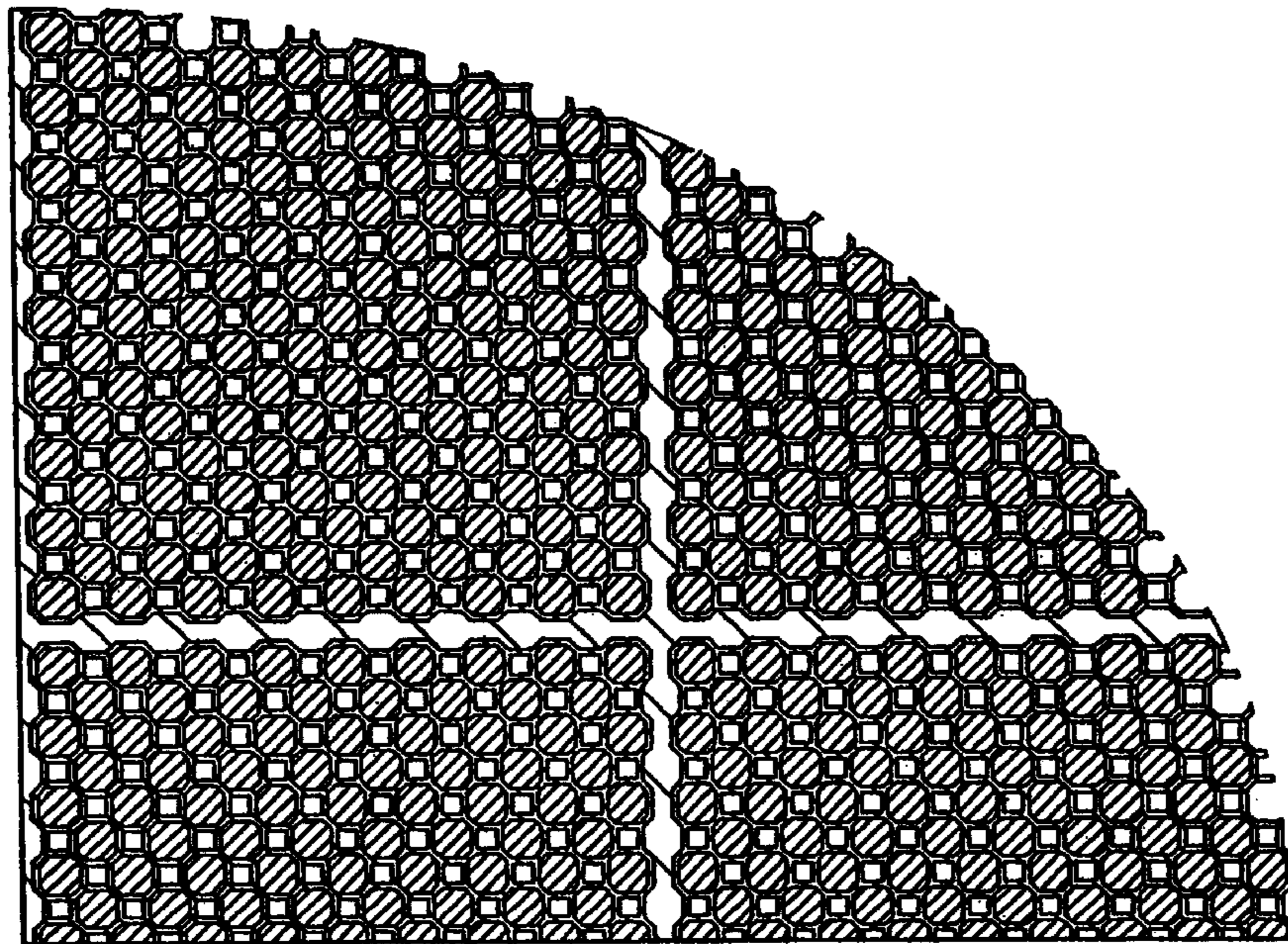


Fig.11

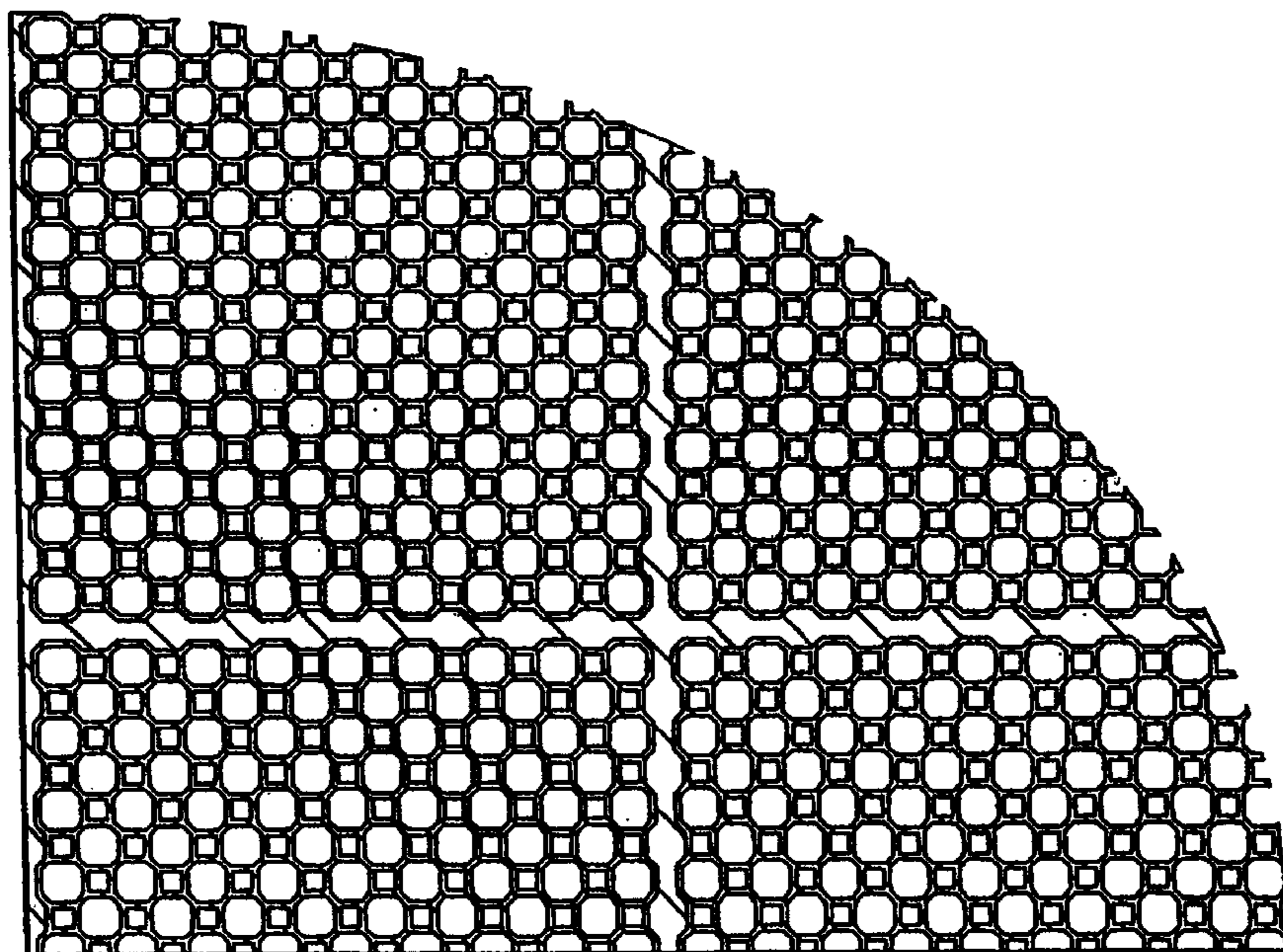


Fig. 12

