

US00D505194S

(12) **United States Design Patent** (10) **Patent No.:** **US D505,194 S**  
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(54) **PARTICULATE FILTER FOR DIESEL ENGINE**

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(73) Assignee: **Ibiden Co., Ltd.** (JP)

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

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| Jun. 28, 2002 | (JP) | ..... | 2002-017498 |
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| Jun. 28, 2002 | (JP) | ..... | 2002-017500 |
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(51) **LOC (7) Cl.** ..... **23-04**

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

(58) **Field of Search** ..... **D23/365, 364;**  
**D15/5; 55/385.3, 523**

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(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front view of a particulate filter for diesel engine of the present invention, the rear view, the top plan view, the bottom plan view being mirror images of the front view; FIG. 2 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. 3 is an enlarged view of FIG. 2;

FIG. 4 is a cross-sectional view taken along line 4—4 of FIG. 1;

FIG. 5 is an enlarged 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;

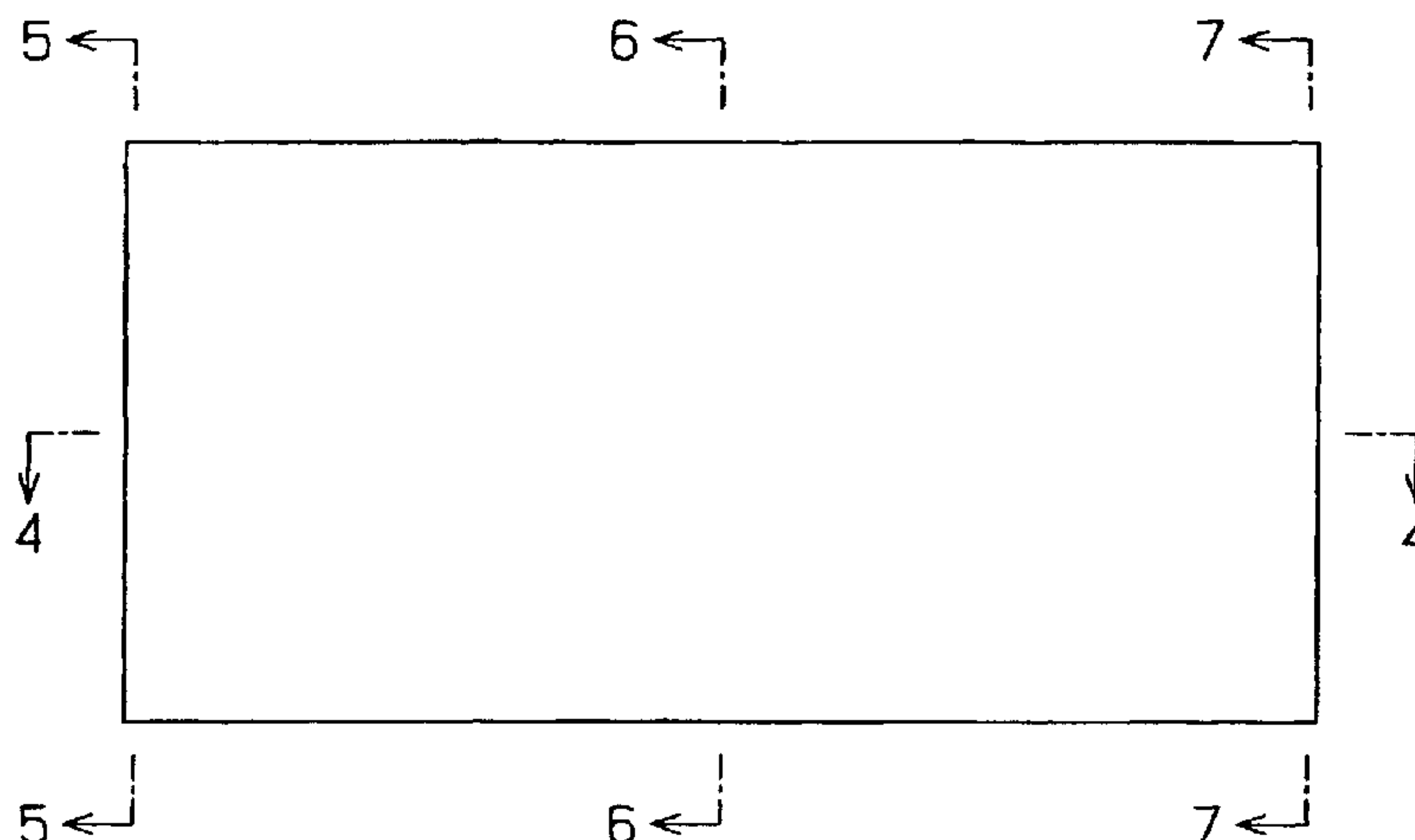
FIG. 8 is an enlarged view showing the top right quarter of FIG. 2;

FIG. 9 is an enlarged view showing the top right quarter of FIG. 5;

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

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

**1 Claim, 6 Drawing Sheets**



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Fig.1

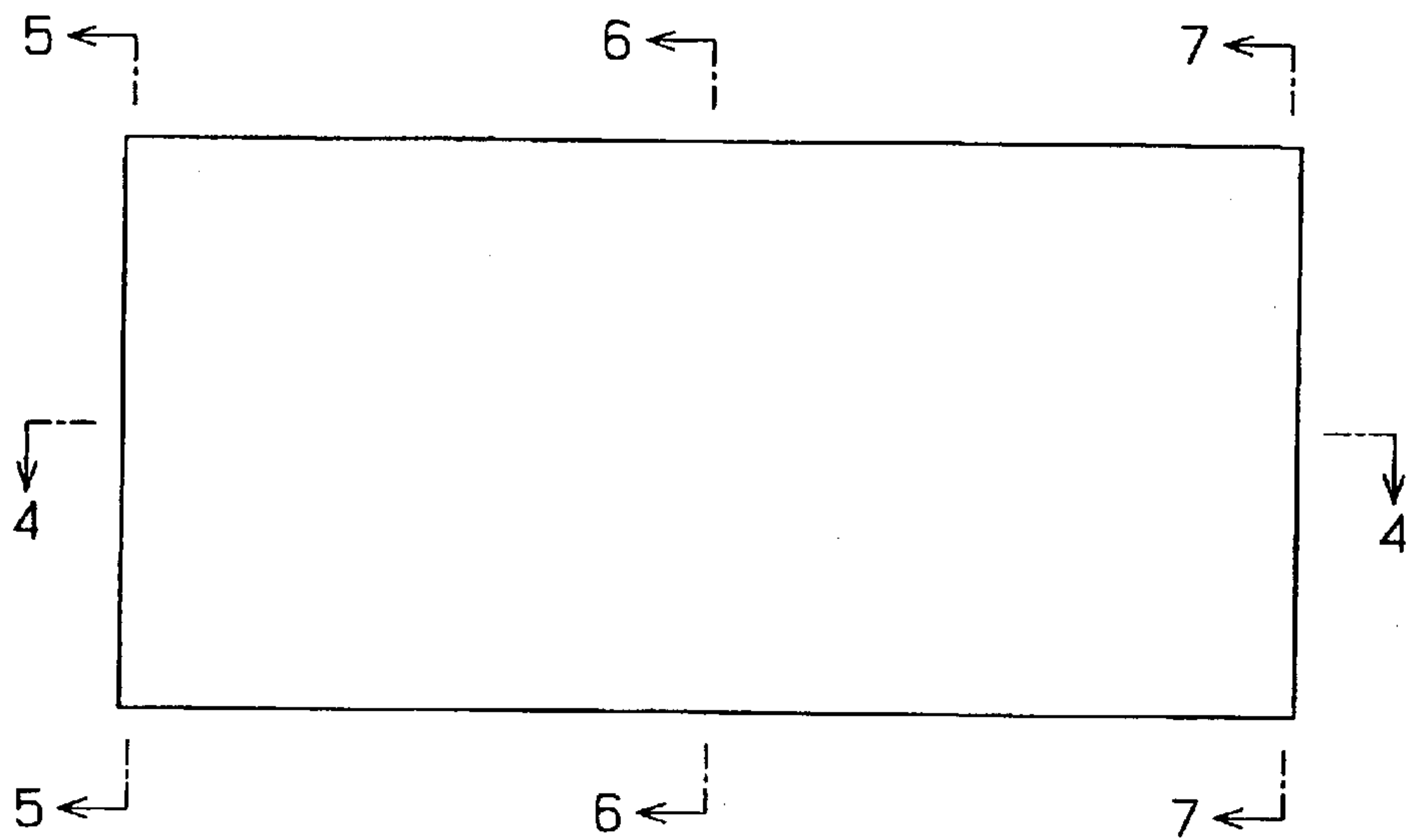
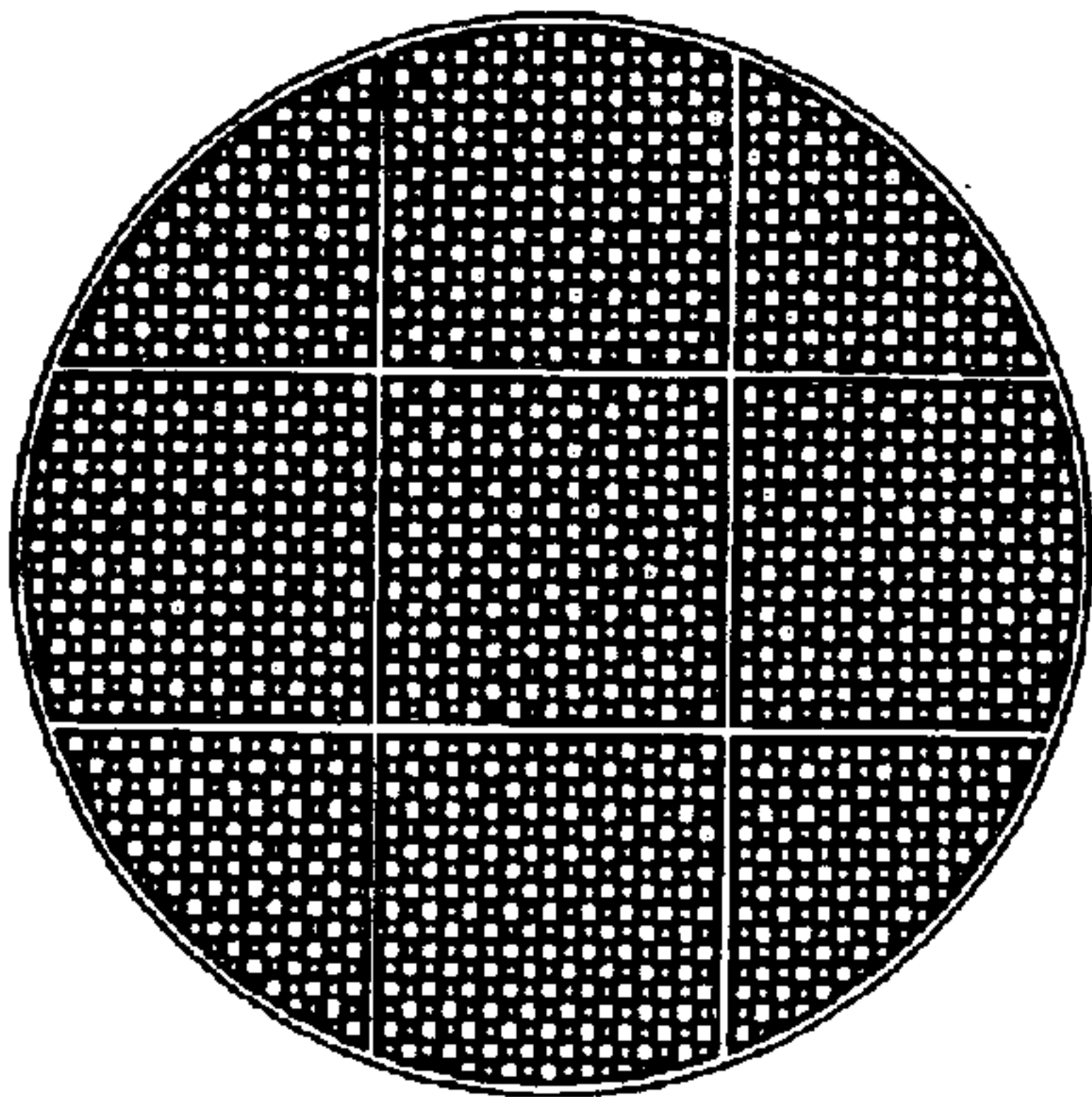
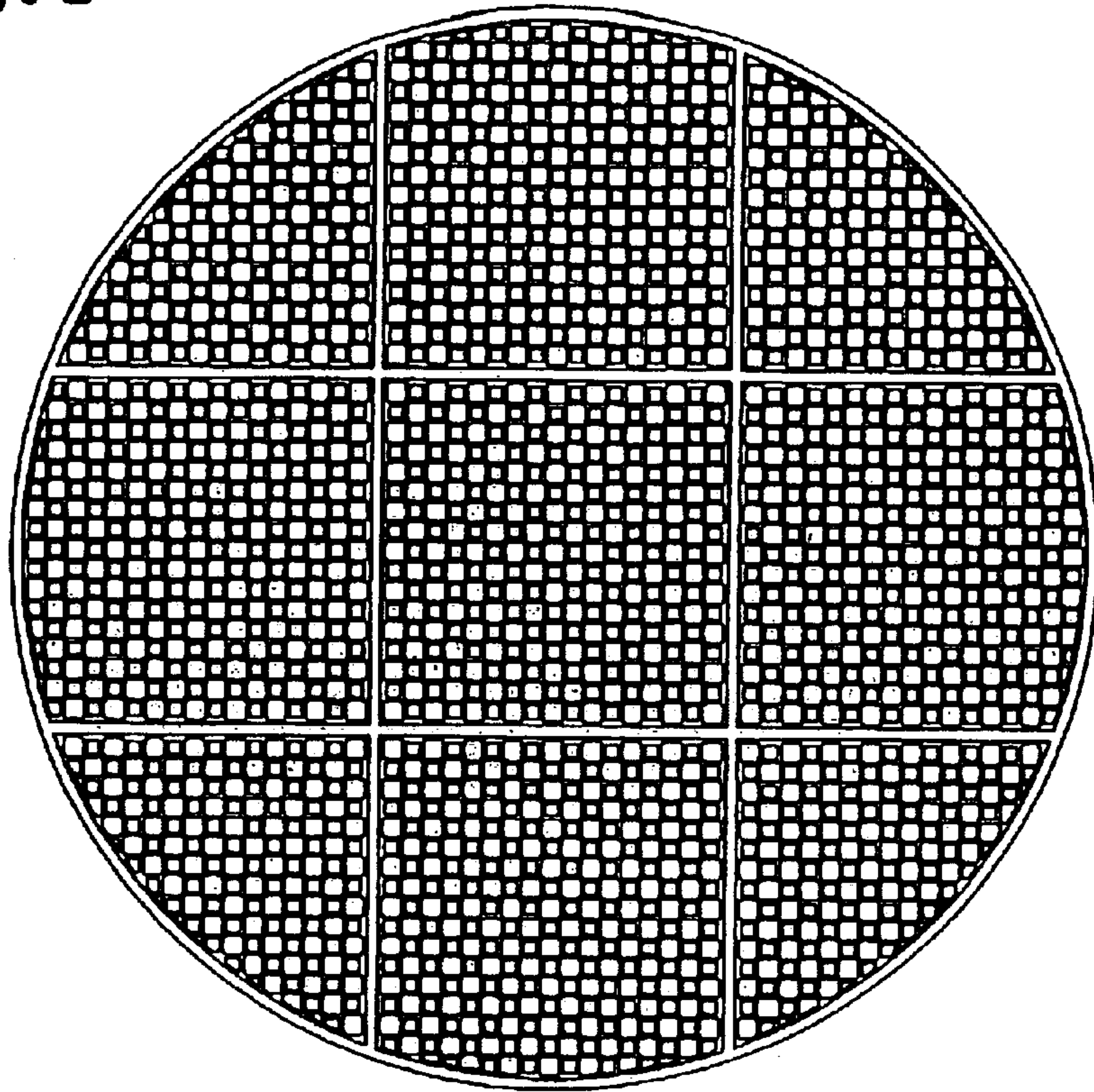


Fig.2



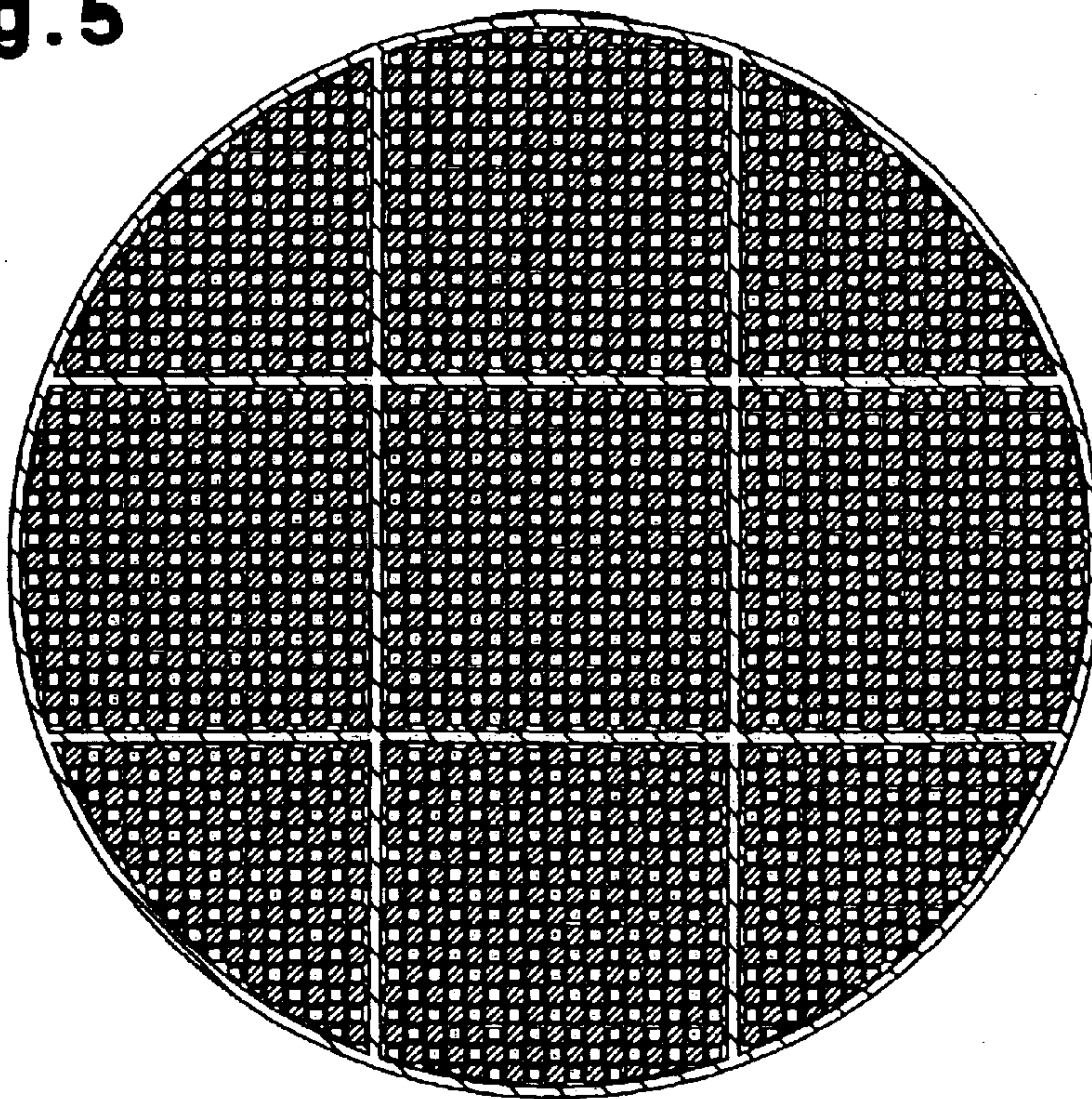
**Fig. 3**



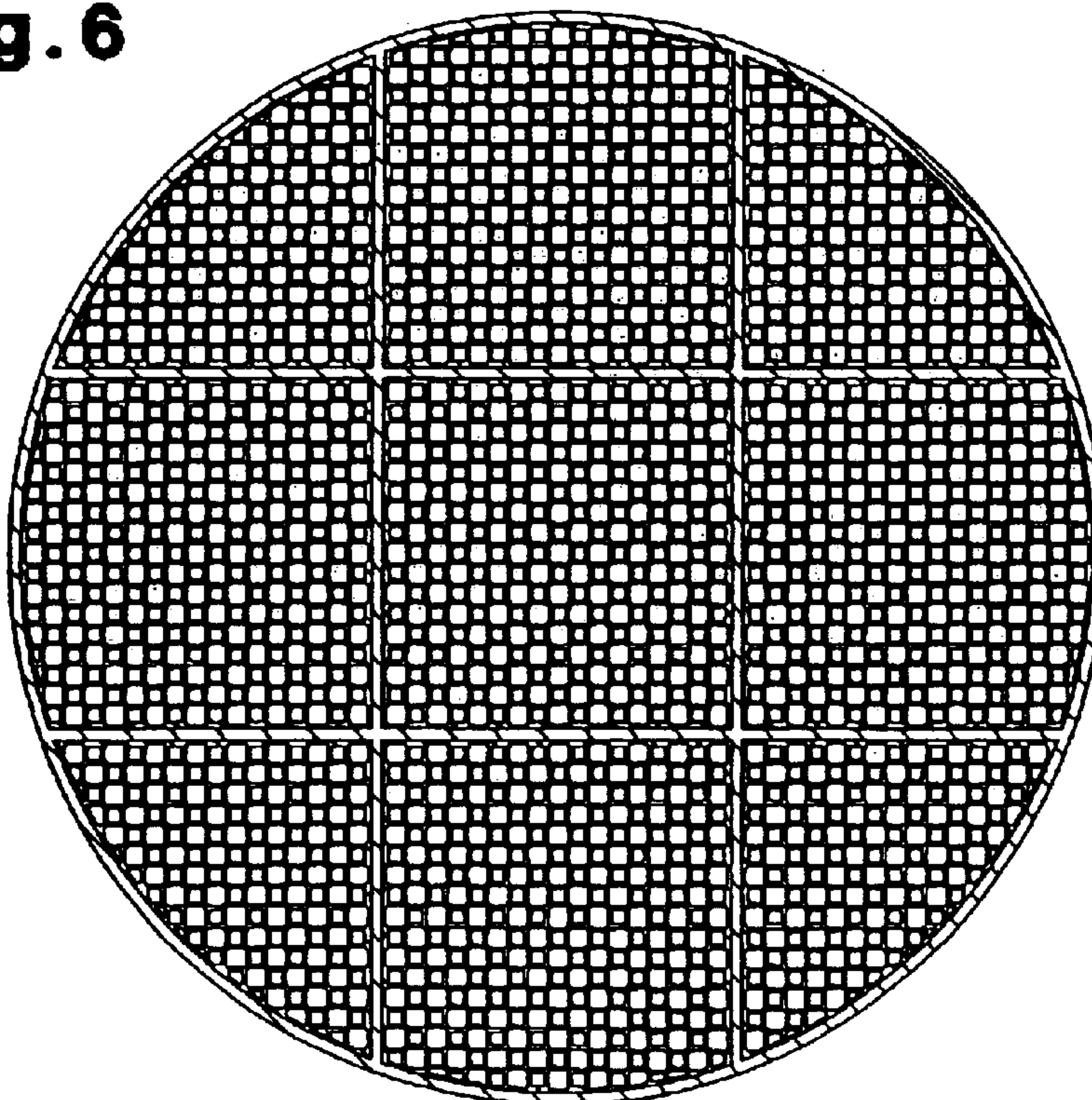
**Fig. 4**



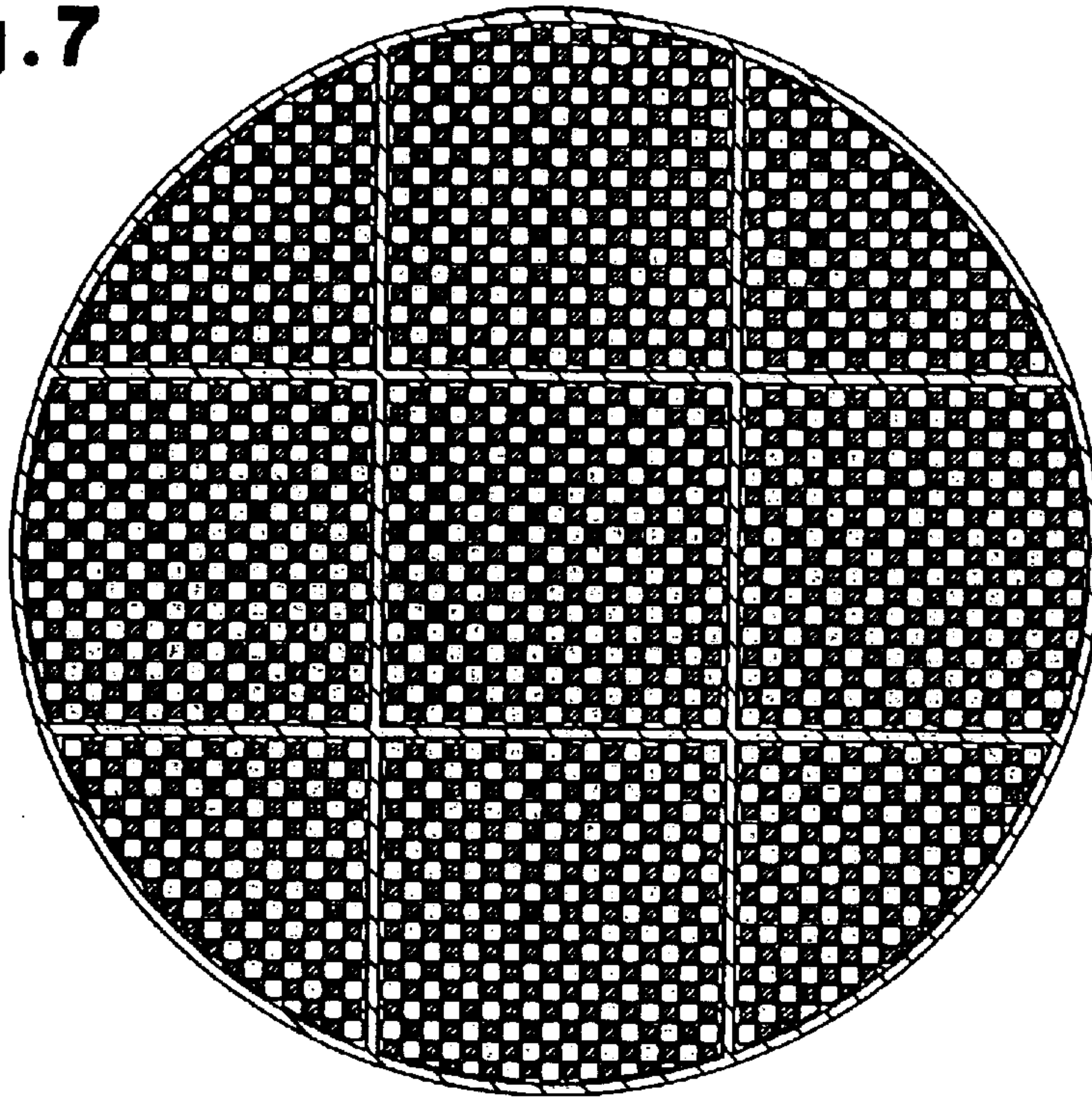
**Fig. 5**



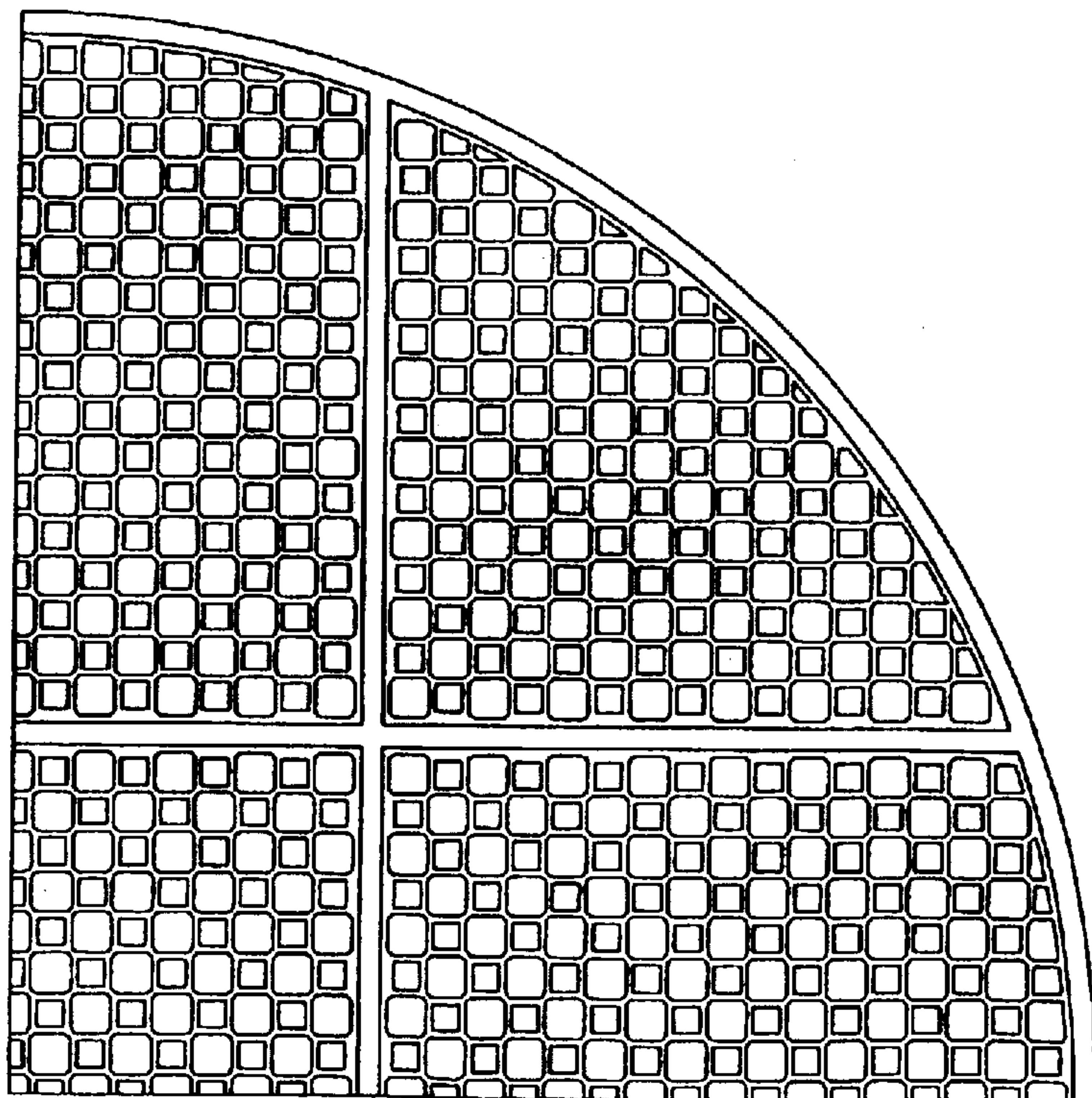
**Fig. 6**



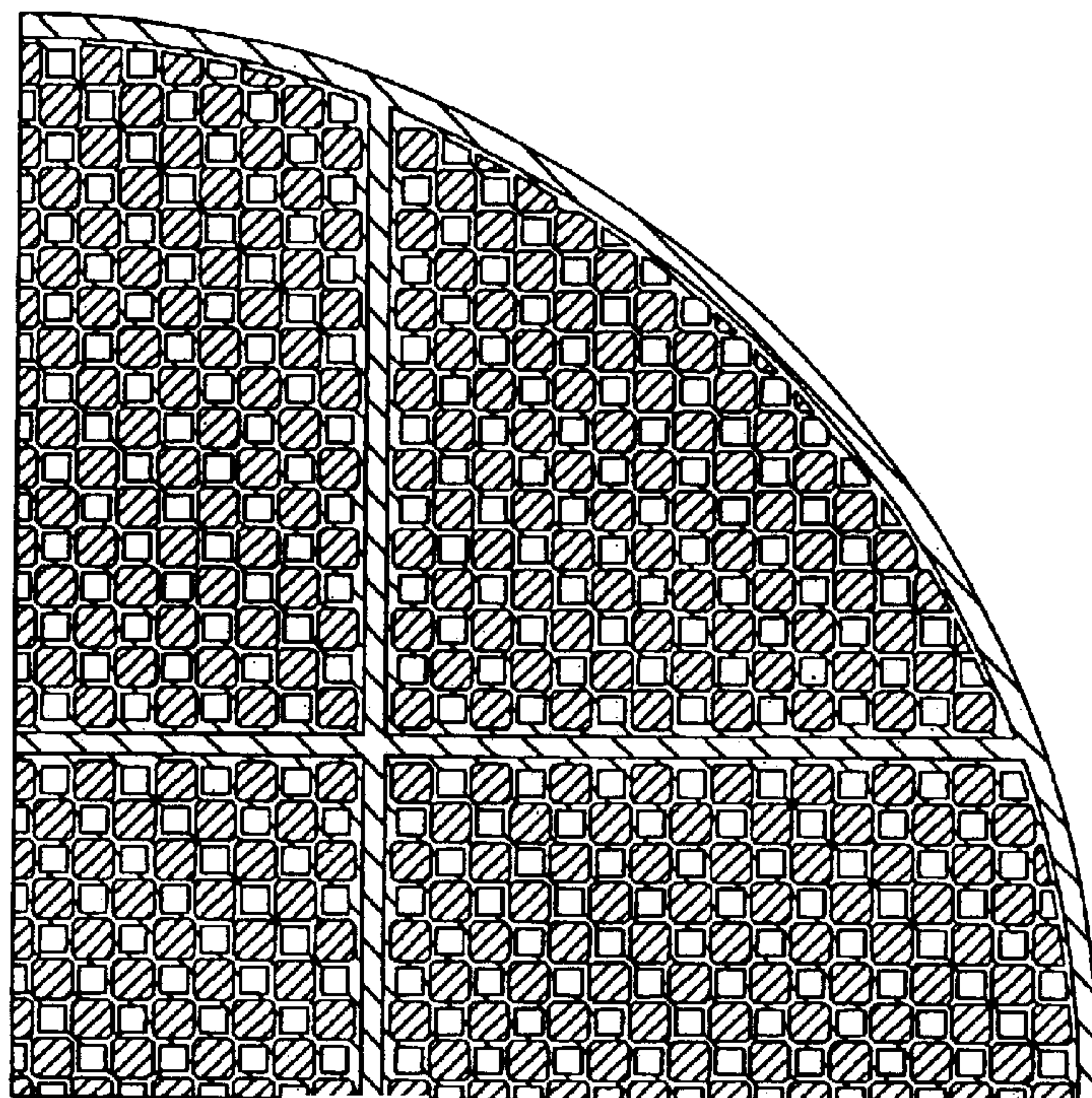
**Fig. 7**



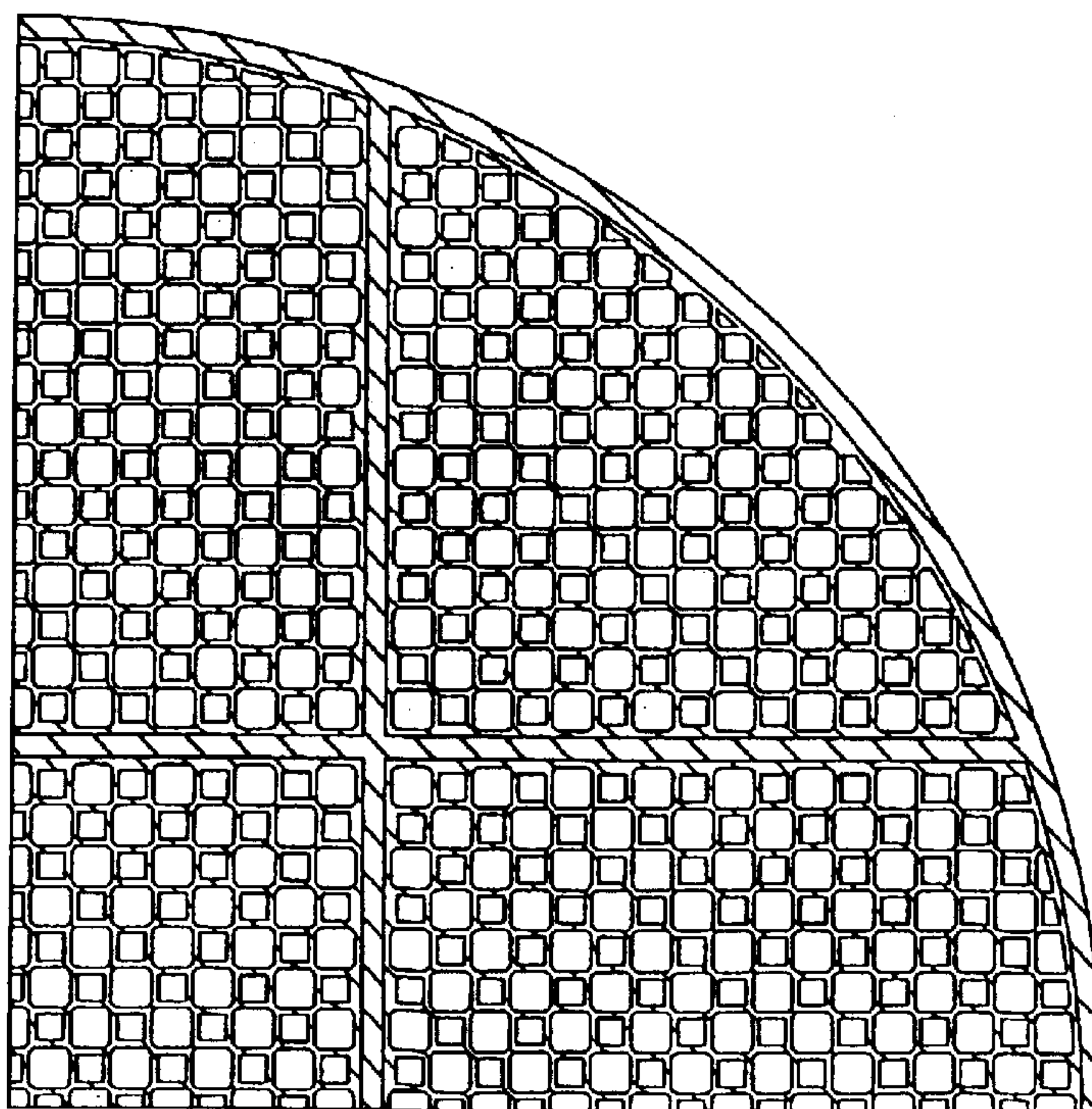
**Fig. 8**



**Fig. 9**



**Fig. 10**



**Fig. 11**

