



US00D523544S

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

(10) **Patent No.:** **US D523,544 S**  
(45) **Date of Patent:** **\*\* Jun. 20, 2006**

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

(75) Inventors: **Teruo Komori**, Gifu-ken (JP); **Sungtae Hong**, Gifu-ken (JP)

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

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

(21) Appl. No.: **29/237,585**

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

**Related U.S. Application Data**

(60) Continuation of application No. 29/218,100, filed on Nov. 29, 2004, now abandoned, 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
Jun. 28, 2002	(JP)	.....	2002-017496
Jun. 28, 2002	(JP)	.....	2002-017497
Jun. 28, 2002	(JP)	.....	2002-017498
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Jun. 28, 2002	(JP)	.....	2002-017500
Sep. 25, 2002	(JP)	.....	2002-026179
Dec. 6, 2002	(JP)	.....	2002-033889

(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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*Primary Examiner*—Robin Webster

(74) *Attorney, Agent, or Firm*—Banner & Witcoff, Ltd.

(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 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;

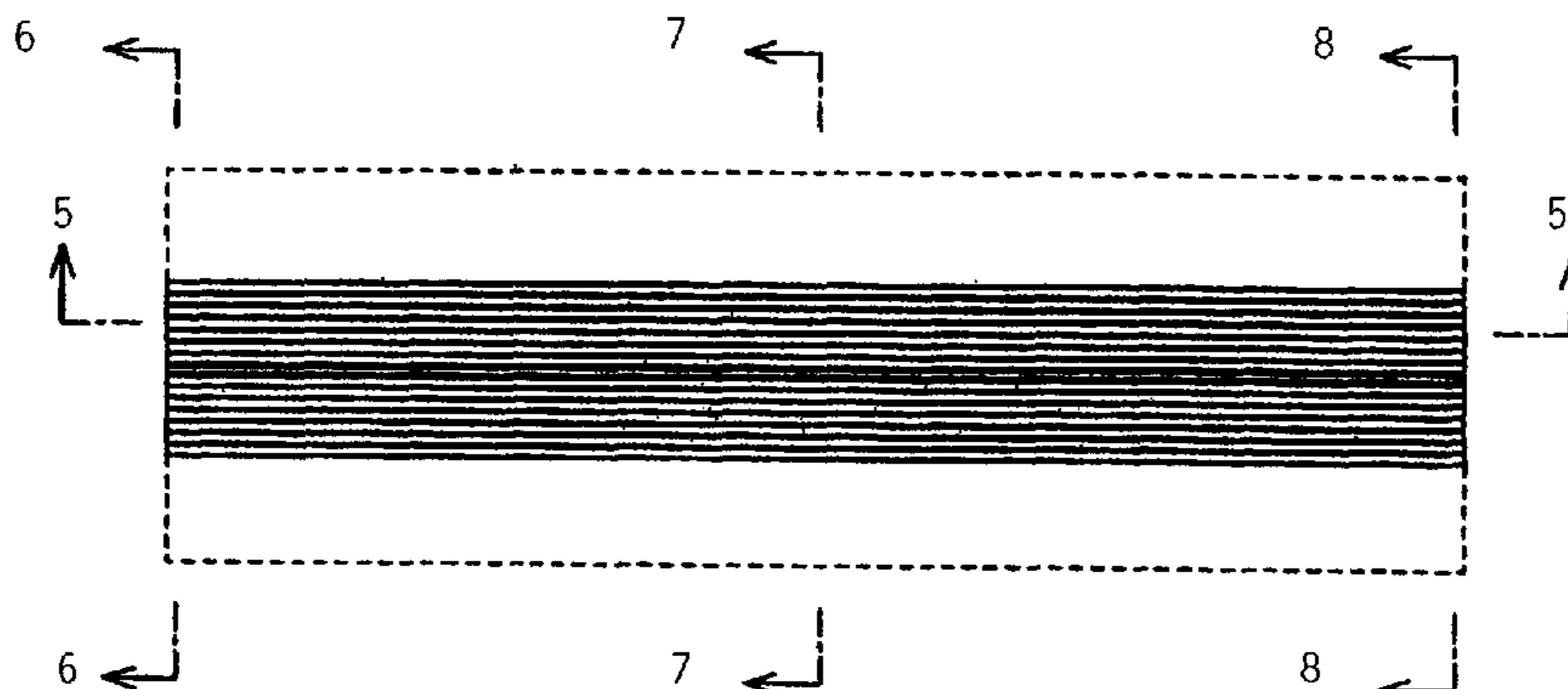
FIG. 7 is an enlarged cross-sectional view taken along line 7—7 of FIG. 1;

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

FIG. 9 is an enlarged view showing a section defined by line segments a—a' and b—b' of FIG. 3.

The broken lines in the figures are shown for illustrative purposes only and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



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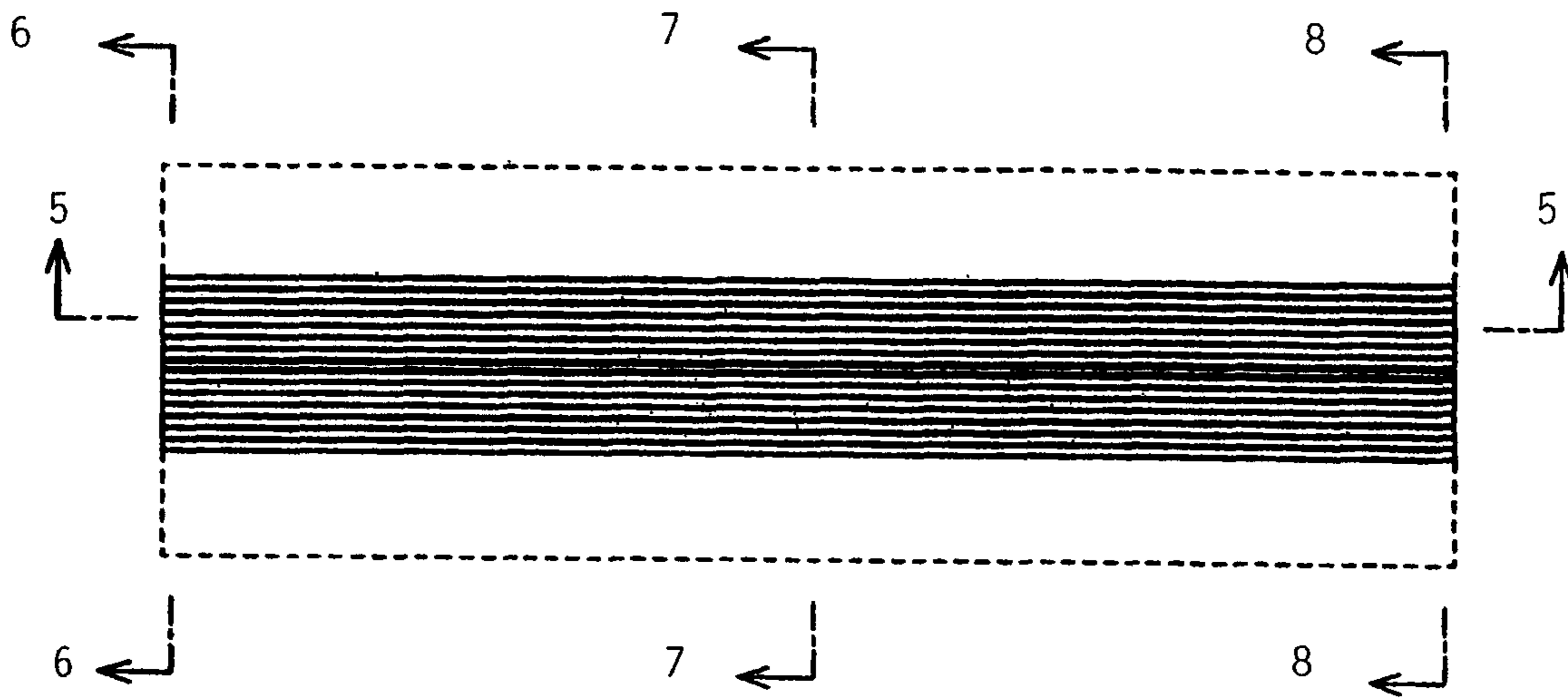
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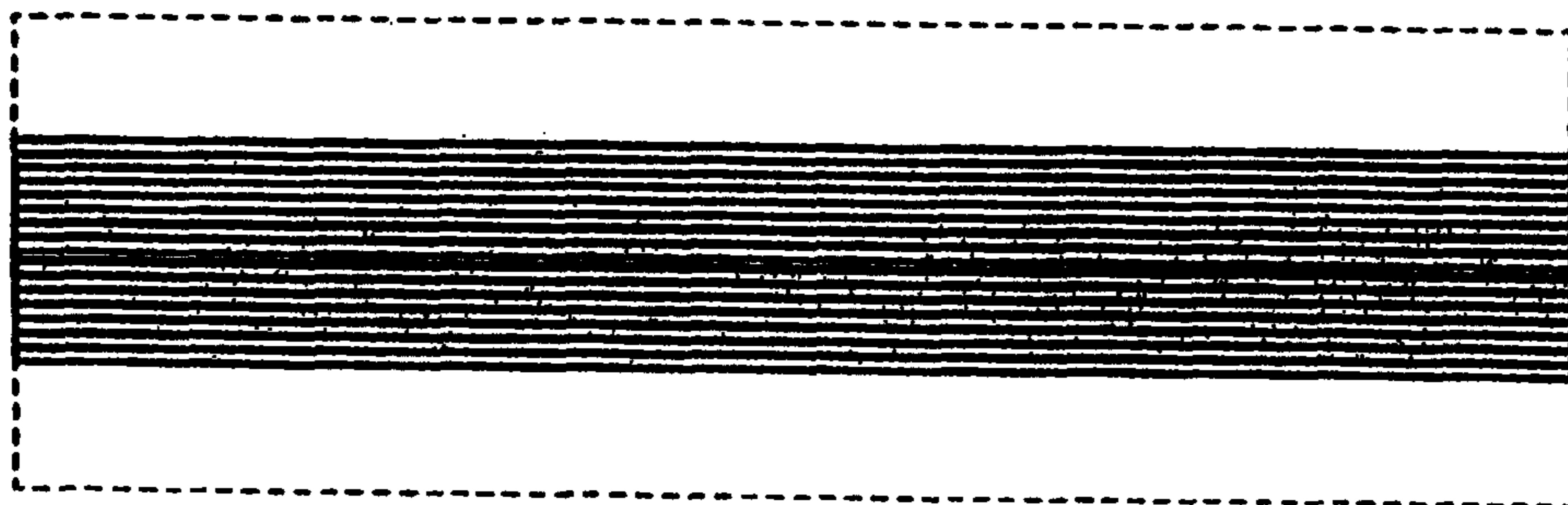
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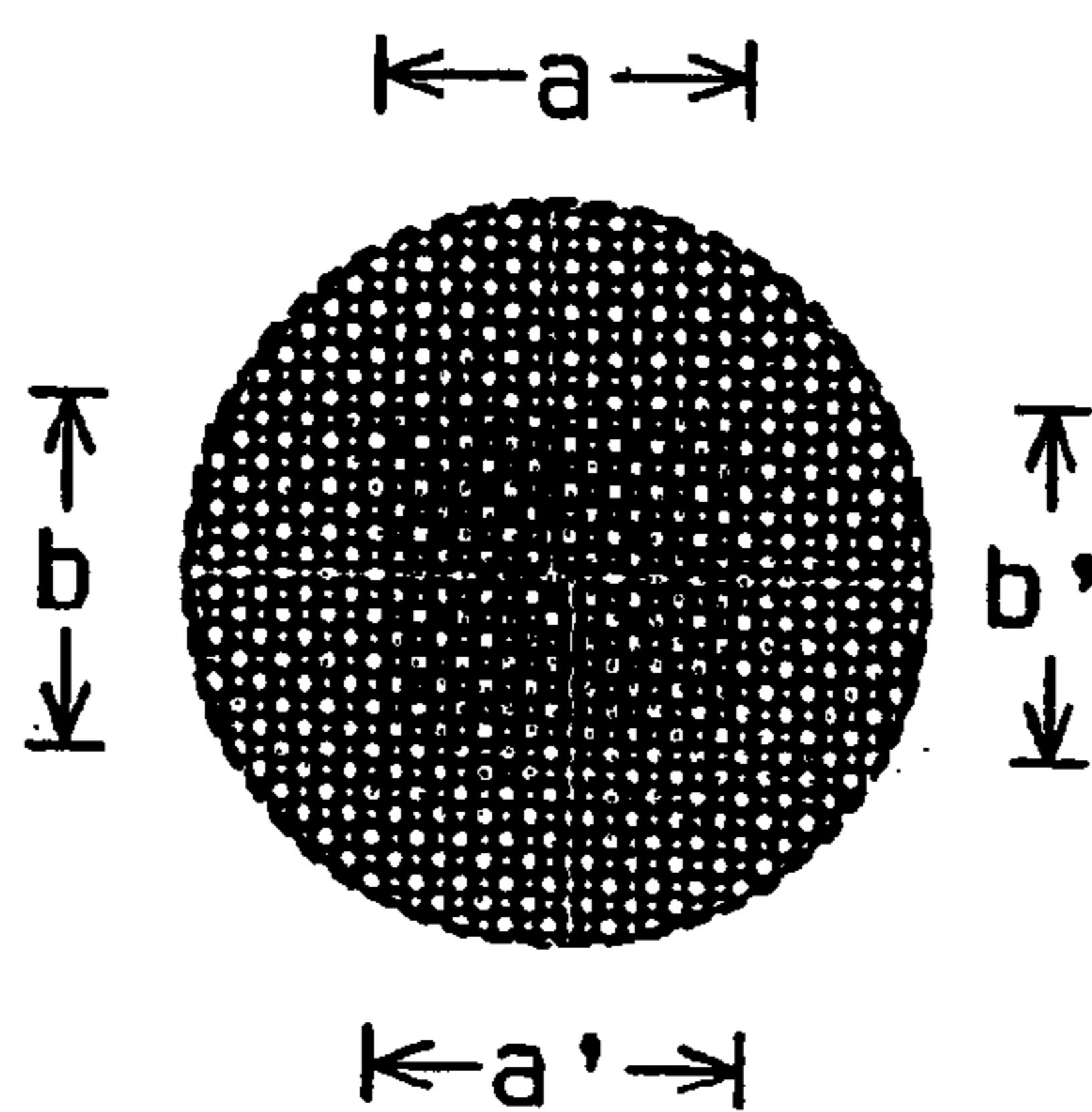
**Fig. 1**



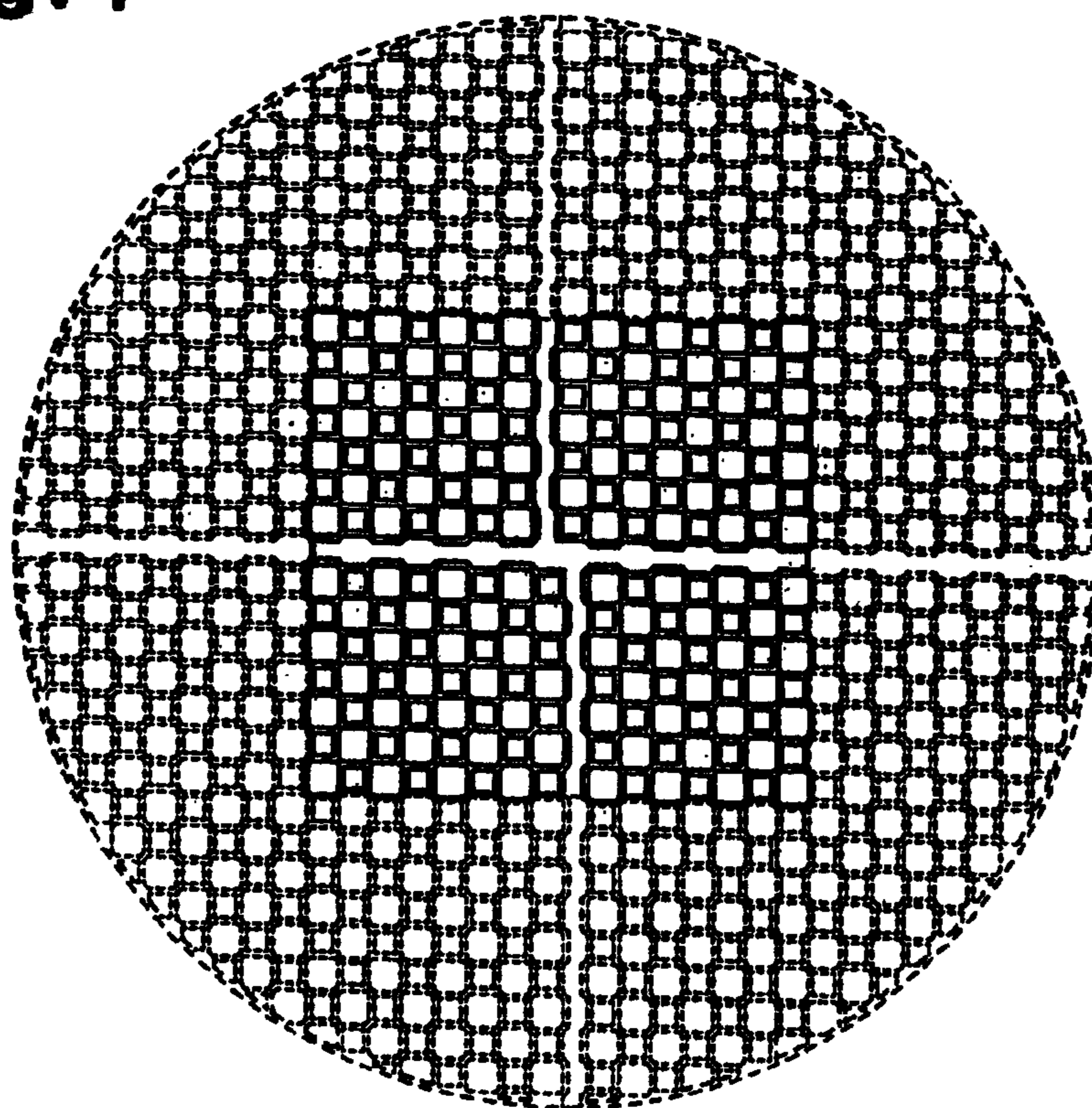
**Fig. 2**



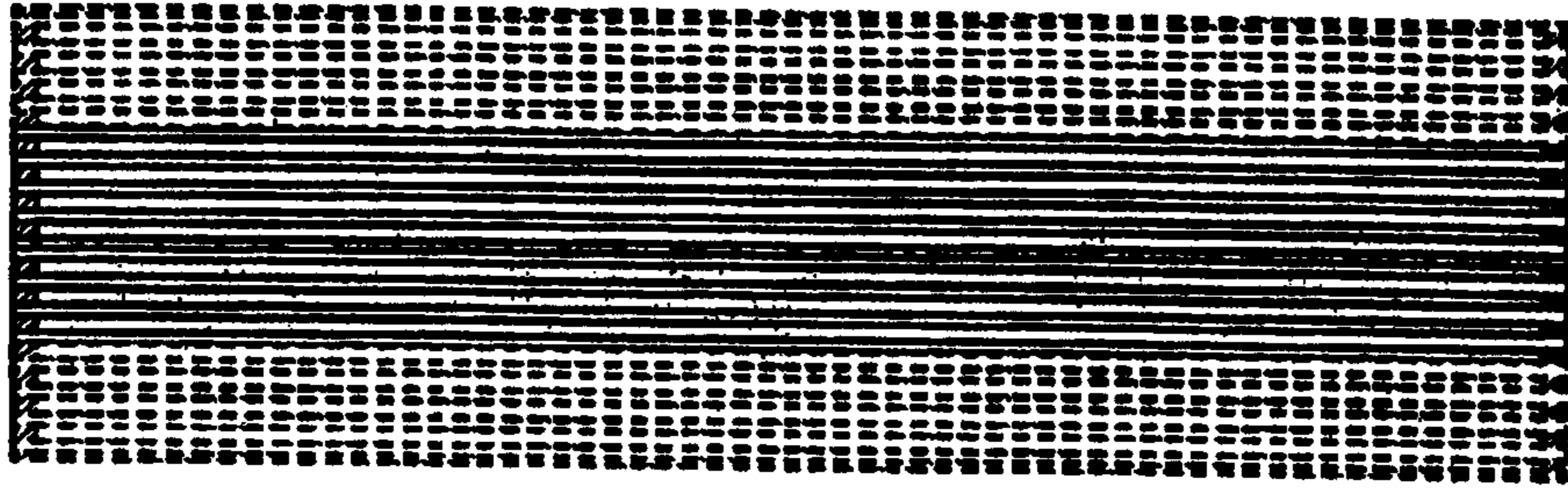
**Fig. 3**



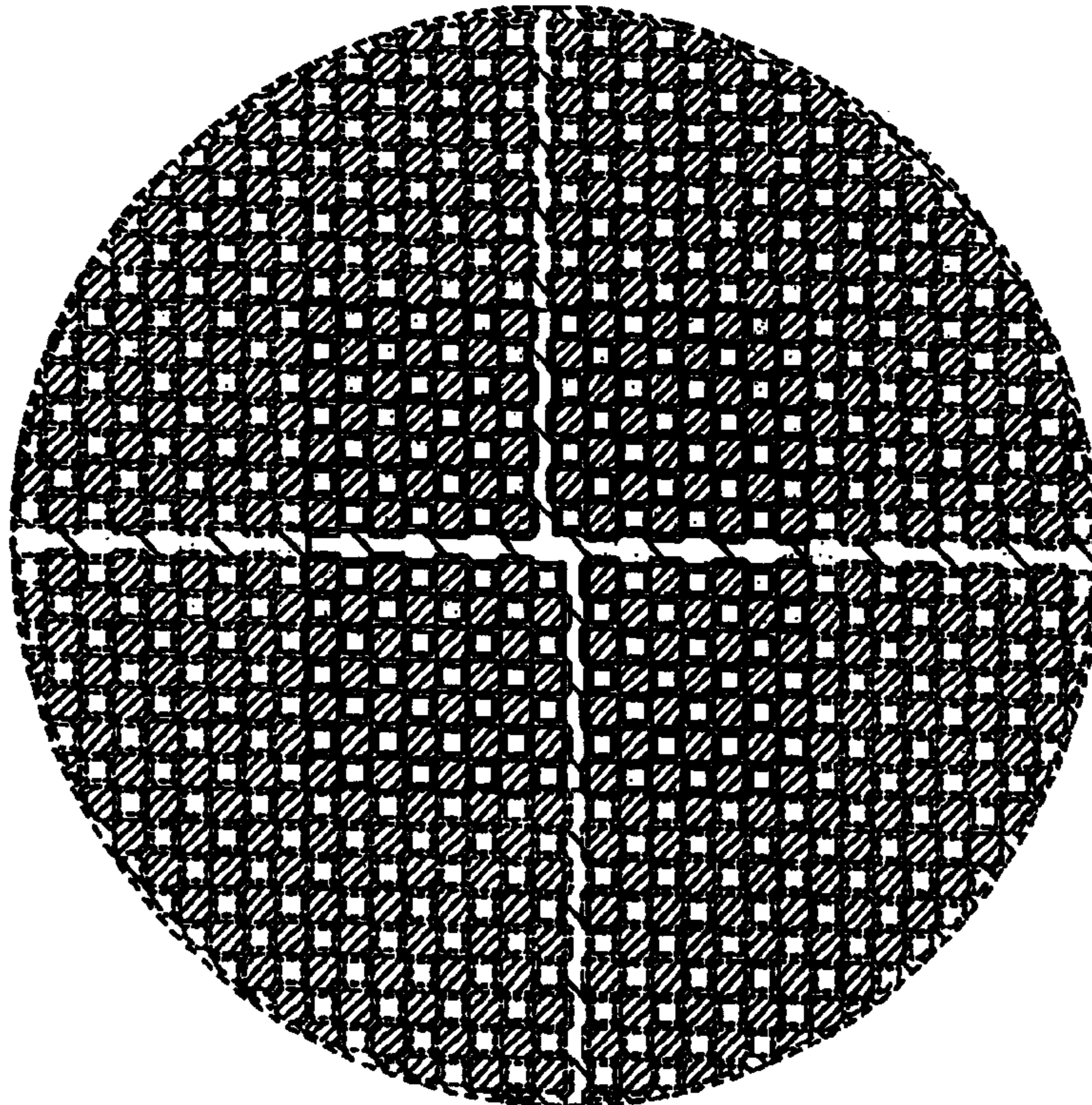
**Fig. 4**



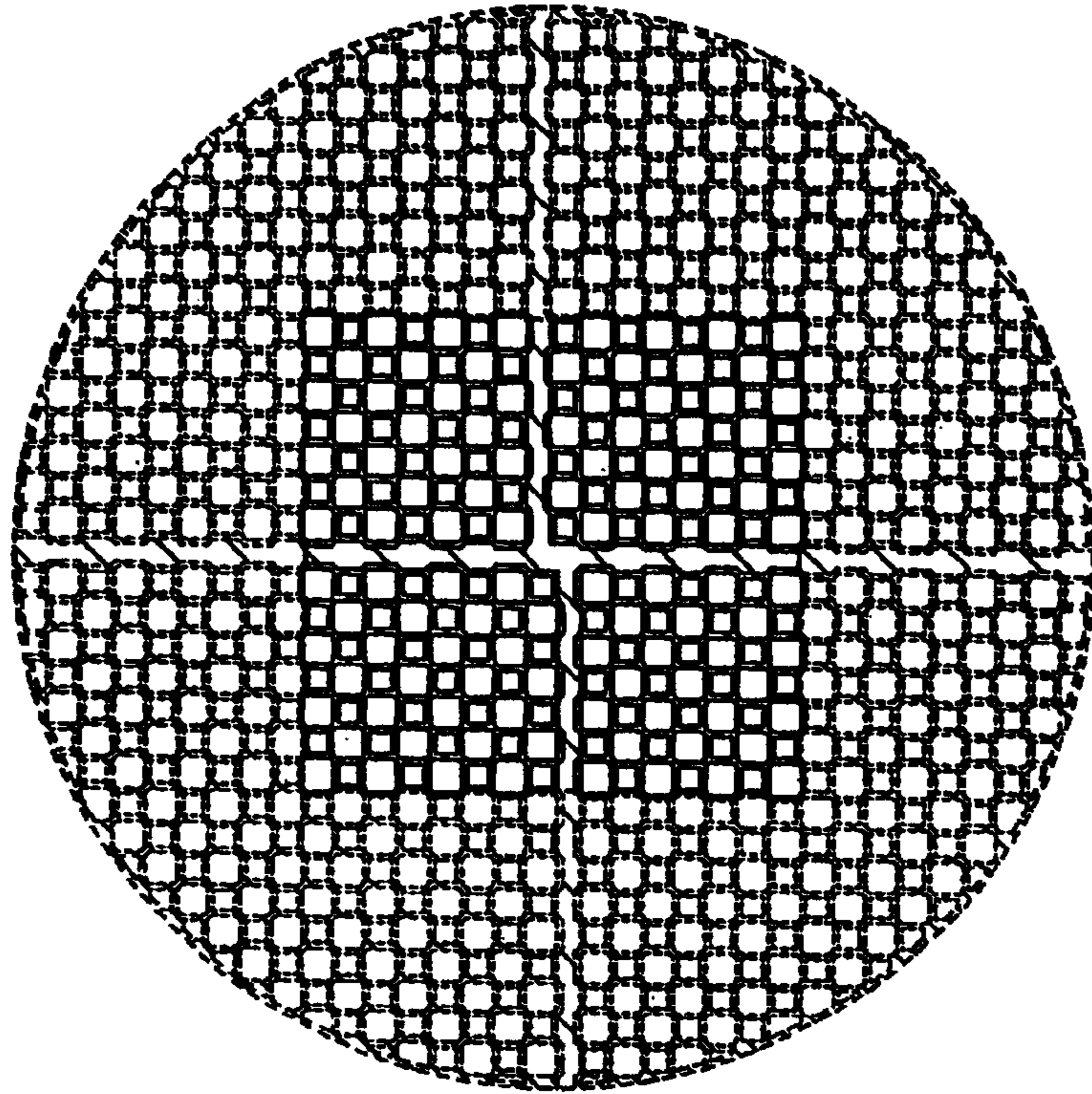
**Fig. 5**



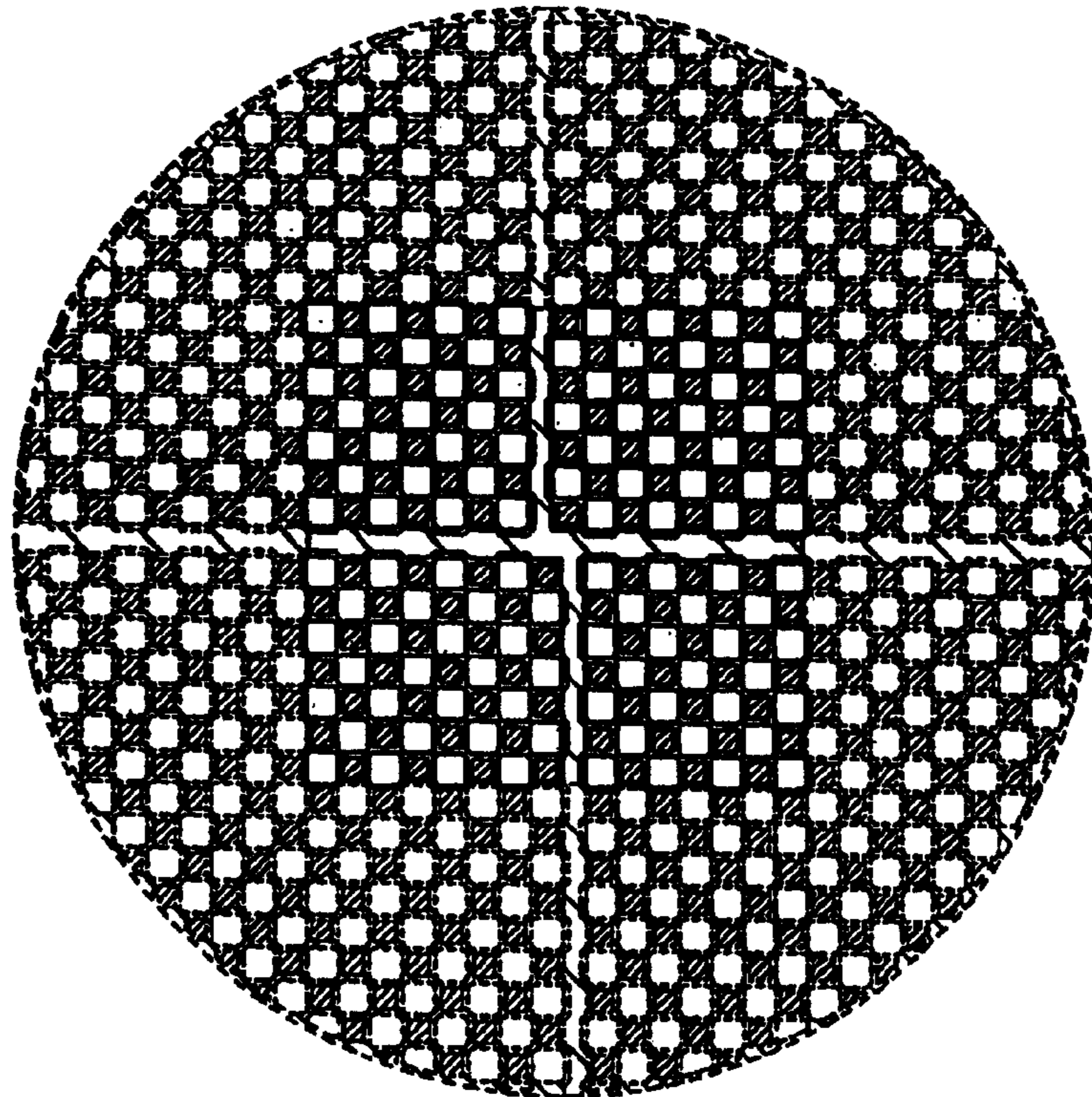
**Fig. 6**



**Fig. 7**



**Fig. 8**



**Fig. 9**

