

US00D523544S

(12) **United States Design Patent** (10) **Patent No.:** **US D523,544 S**
Komori et al. (45) **Date of Patent:** **** Jun. 20, 2006**

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

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

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

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

(Continued)

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Related U.S. Application Data

(57) **CLAIM**

(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.

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

(30) **Foreign Application Priority Data**

DESCRIPTION

Jun. 28, 2002	(JP)	2002-017495
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Dec. 6, 2002	(JP)	2002-033889

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;

(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**

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.

See application file for complete search history.

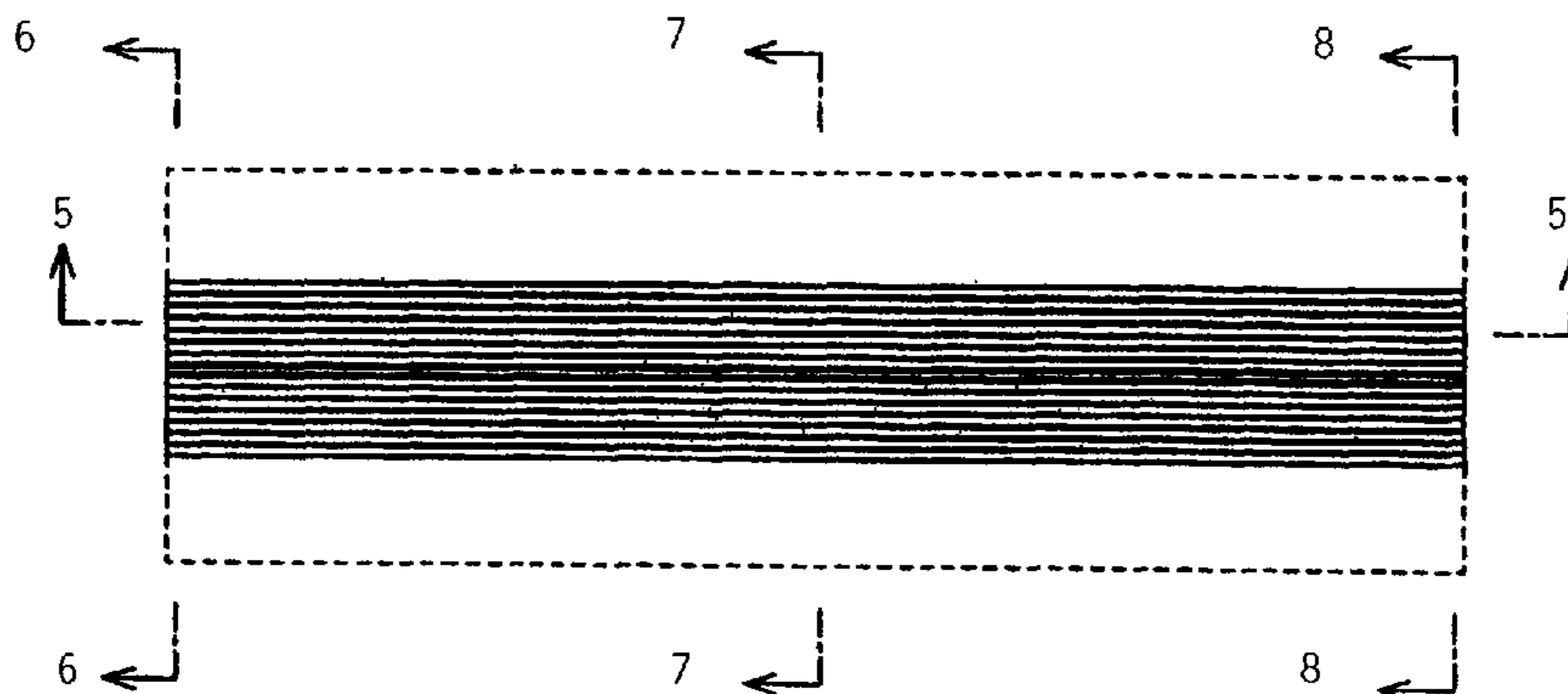
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1 Claim, 5 Drawing Sheets



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Fig. 1

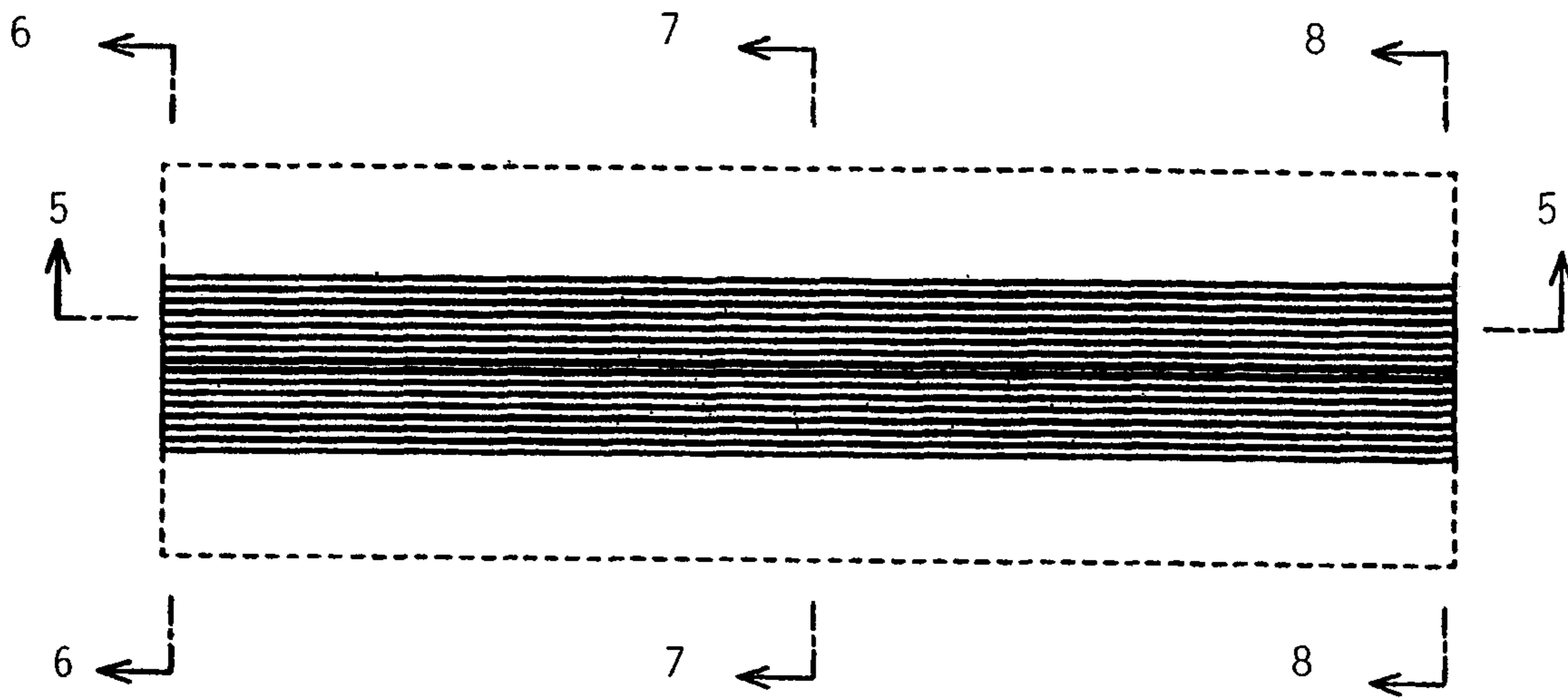


Fig. 2

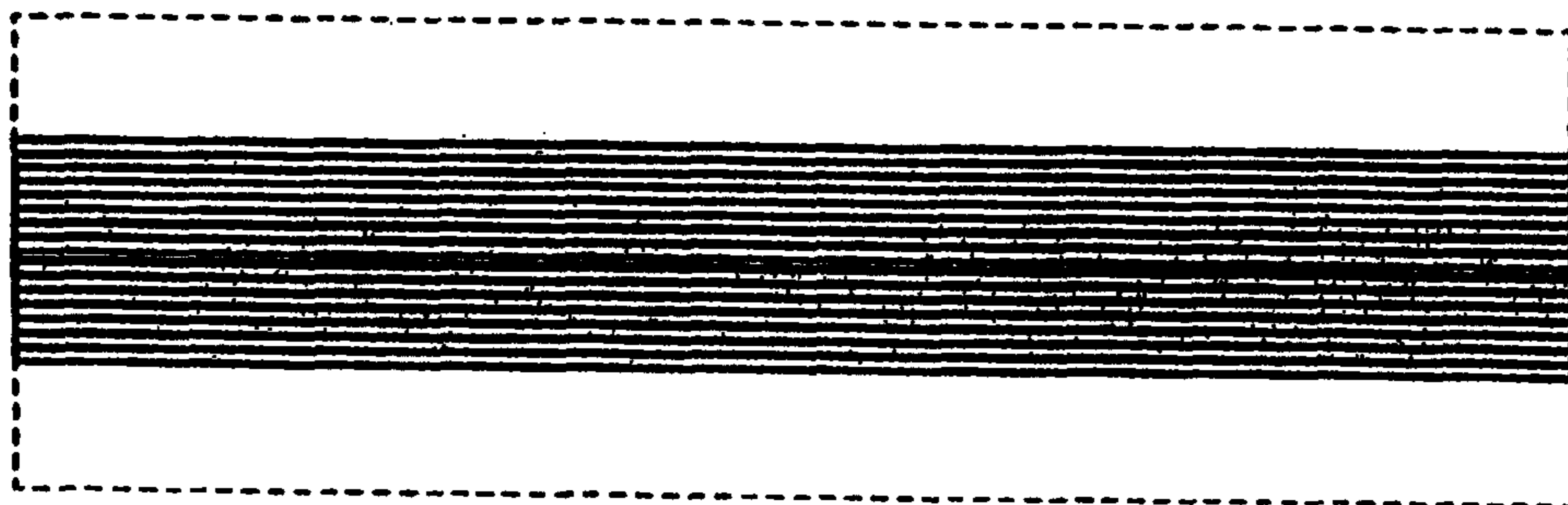


Fig. 3

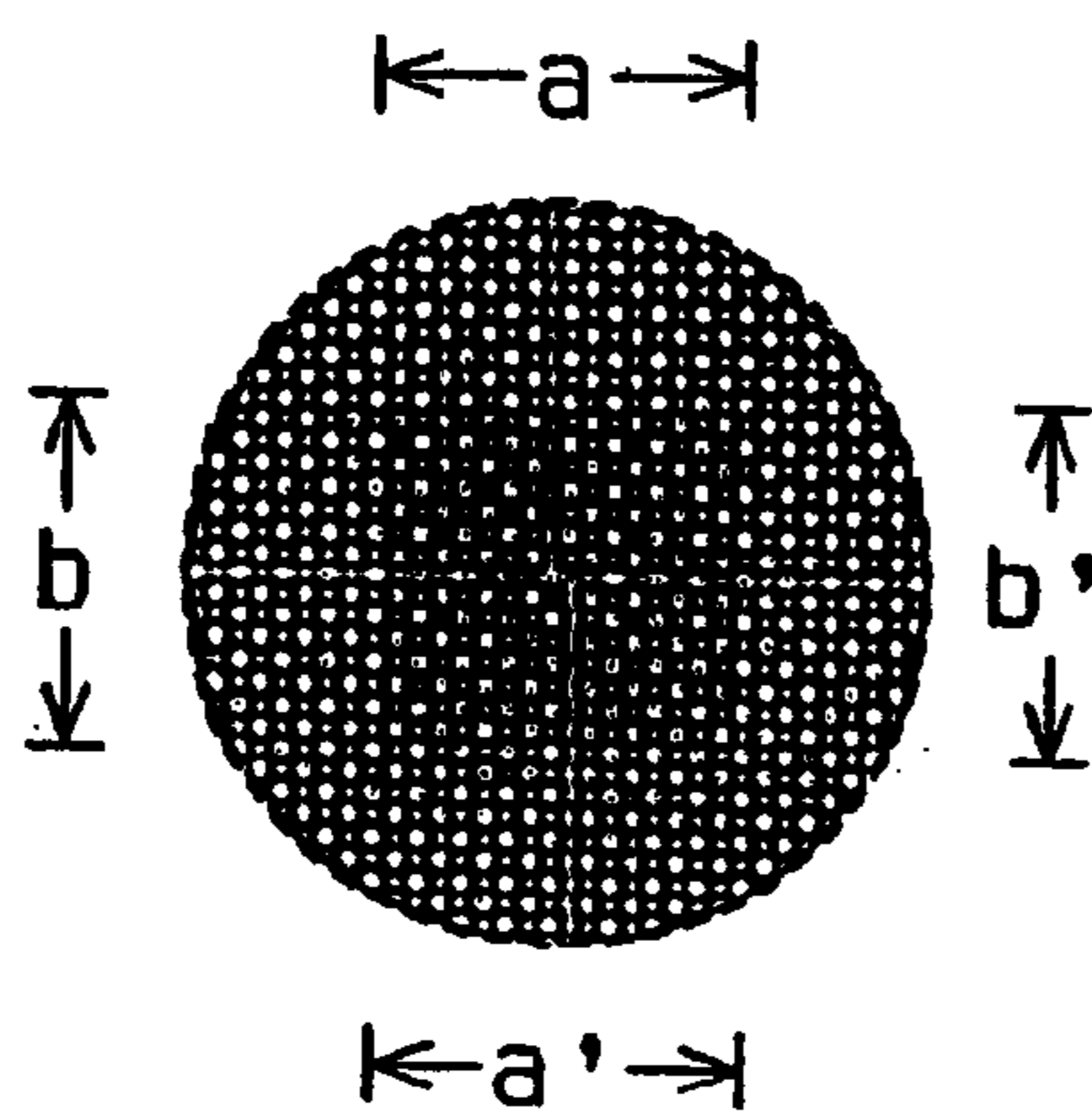


Fig. 4

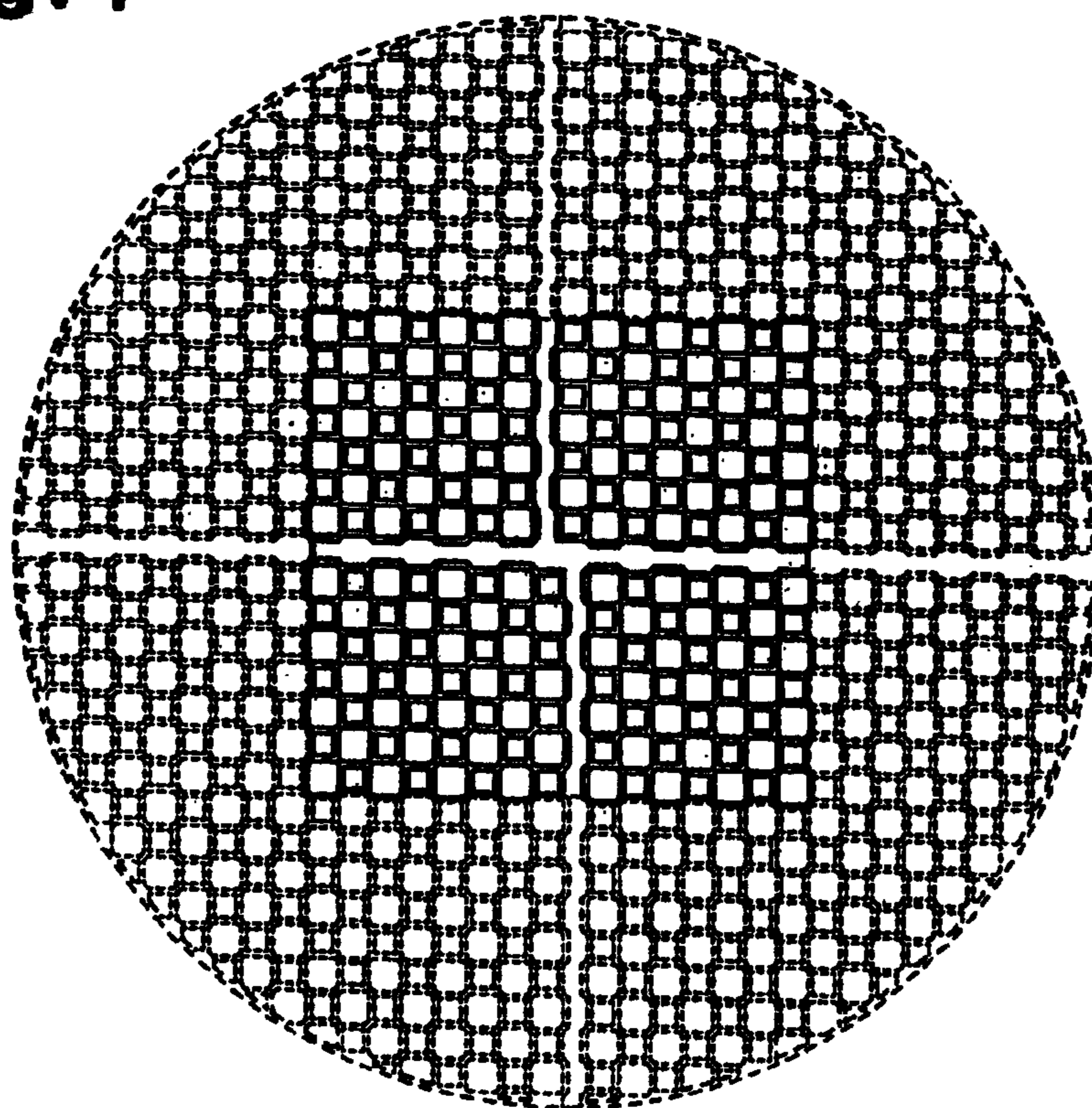


Fig. 5

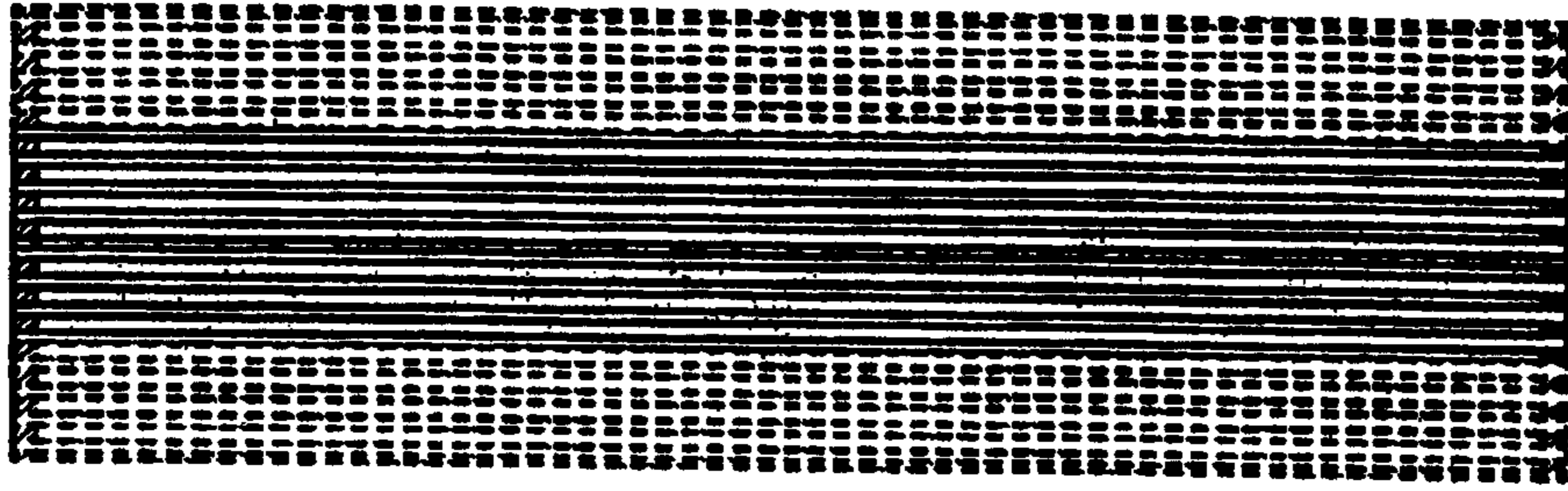


Fig. 6

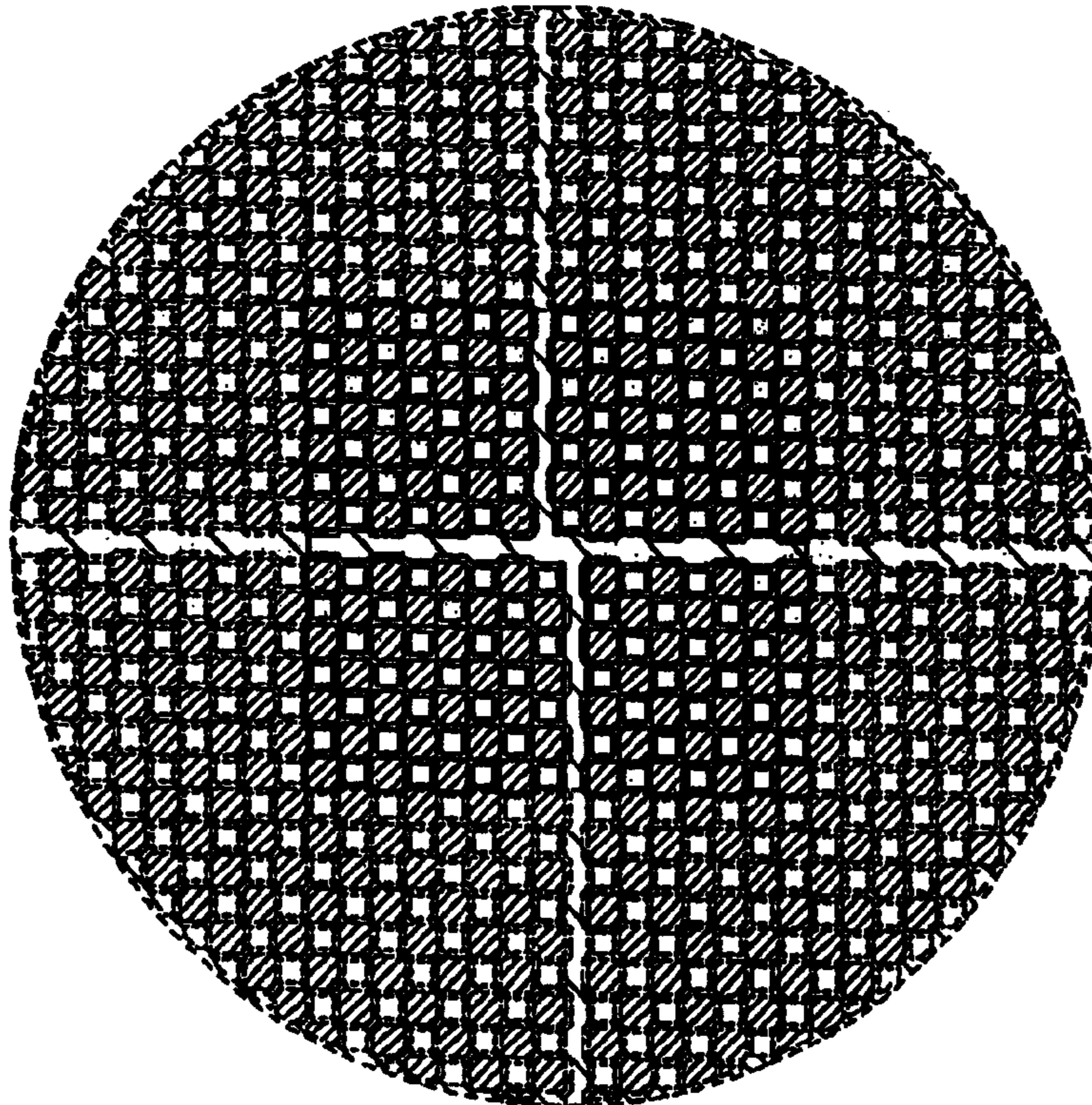


Fig. 7

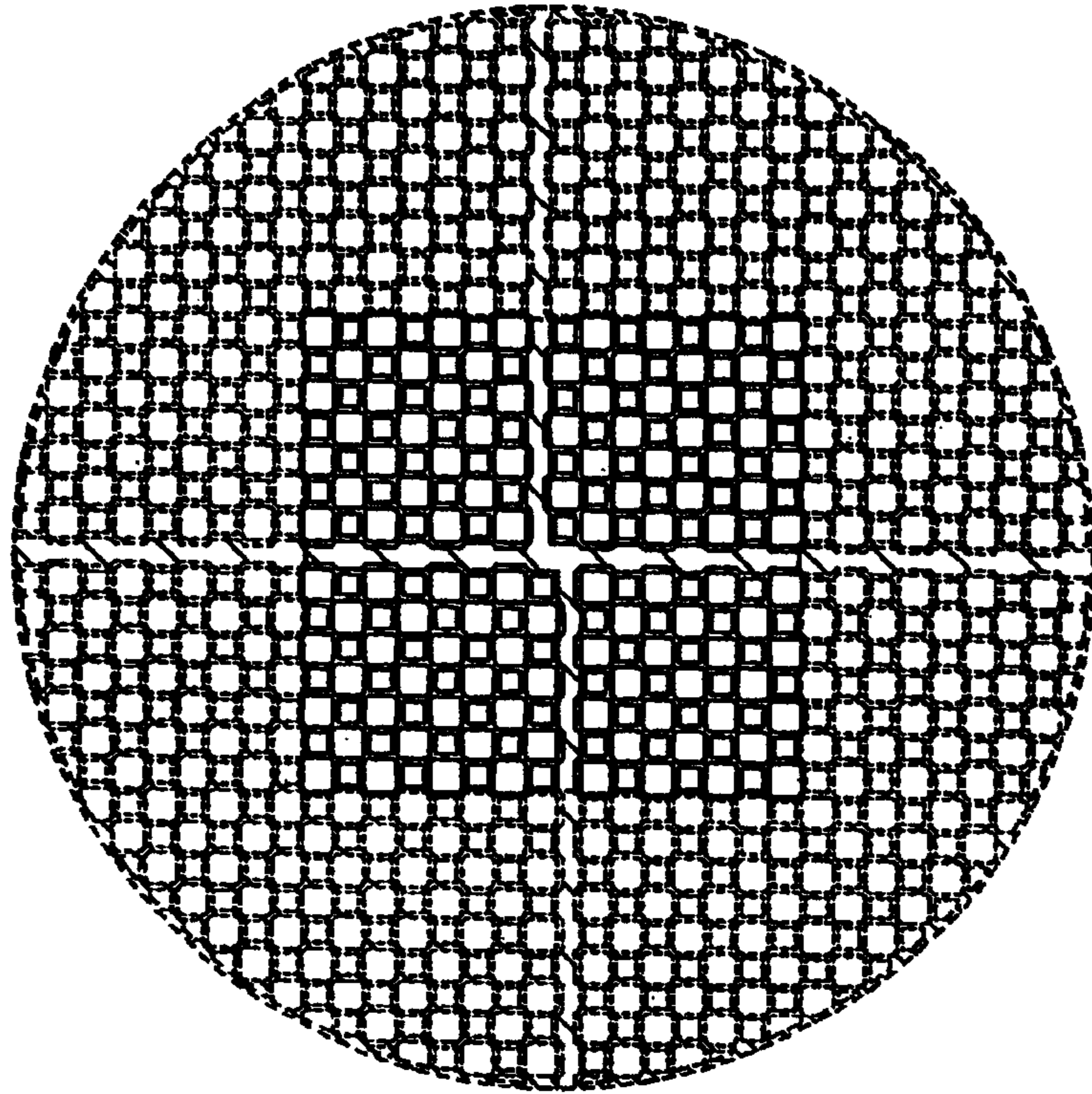


Fig. 8

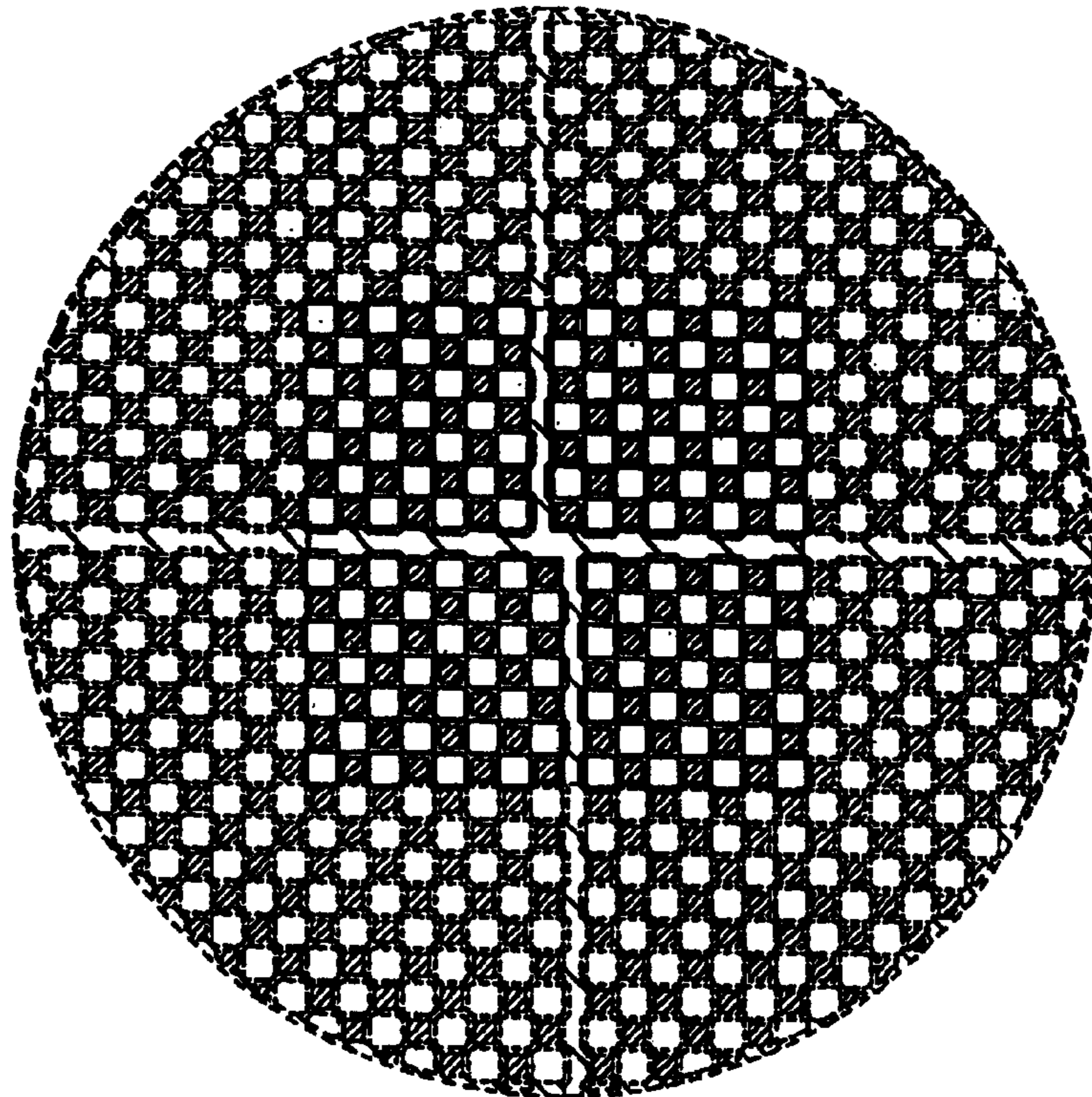


Fig. 9

