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

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(45) **Date of Patent:** **\*\* Aug. 9, 2016**

(54) **FILTER FOR REMOVING PARTICLE MATTER**

D744,078 S \* 11/2015 Iwasaki ..... D23/365  
D748,237 S \* 1/2016 Shibata ..... D23/365  
D748,625 S \* 2/2016 Takahashi ..... D14/345  
D749,714 S \* 2/2016 Shibata ..... D23/365

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FOREIGN PATENT DOCUMENTS

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JP 05-5412 A1 1/1993

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OTHER PUBLICATIONS

(\*\*) Term: **15 Years**

Japanese Office Action (Application No. 2015-003724) dated Oct. 6, 2015 (with English translation).  
Japanese Office Action (Application No. 2015-003725) dated Oct. 6, 2015 (with English translation).

(21) Appl. No.: **29/530,500**

(22) Filed: **Jun. 17, 2015**

\* cited by examiner

(30) **Foreign Application Priority Data**

*Primary Examiner* — Sandra Snapp

Feb. 24, 2015 (JP) ..... 2015-003724  
Feb. 24, 2015 (JP) ..... 2015-003725  
Feb. 24, 2015 (JP) ..... 2015-003726

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(51) **LOC (10) Cl.** ..... **23-04**

(57) **CLAIM**

(52) **U.S. Cl.**

The ornamental design for a filter for removing particle matter, as shown and described.

USPC ..... **D23/365**

**DESCRIPTION**

(58) **Field of Classification Search**

USPC ..... D23/355–365, 386–388, 314, 325,  
D23/333–336; 55/478, 482, 483, 490, 497,  
55/498, 520, 521, 529  
CPC .... B01D 46/00; B01D 46/0004; B01D 27/04;  
B01D 27/06; B01D 39/00

See application file for complete search history.

FIG. 1 is a perspective view of a first embodiment of a filter for removing particle matter illustrating our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a top view thereof, the bottom view thereof being a mirror image;  
FIG. 5 is a right view thereof, the left view thereof being a mirror image;  
FIG. 6 is an enlarged view delimited by the four lines labelled 6 in FIG. 2;  
FIG. 7 is an end view taken through line 7-7 of FIG. 2;  
FIG. 8 is a middle omitted end view taken through line 8-8 of FIG. 6;  
FIG. 9 is an enlarged view delimited by the four lines labelled 9 in FIG. 3;  
FIG. 10 is a perspective view of a second embodiment of a filter for removing particle matter illustrating our new design;  
FIG. 11 is a front view thereof;  
FIG. 12 is a rear view thereof;

(56) **References Cited**

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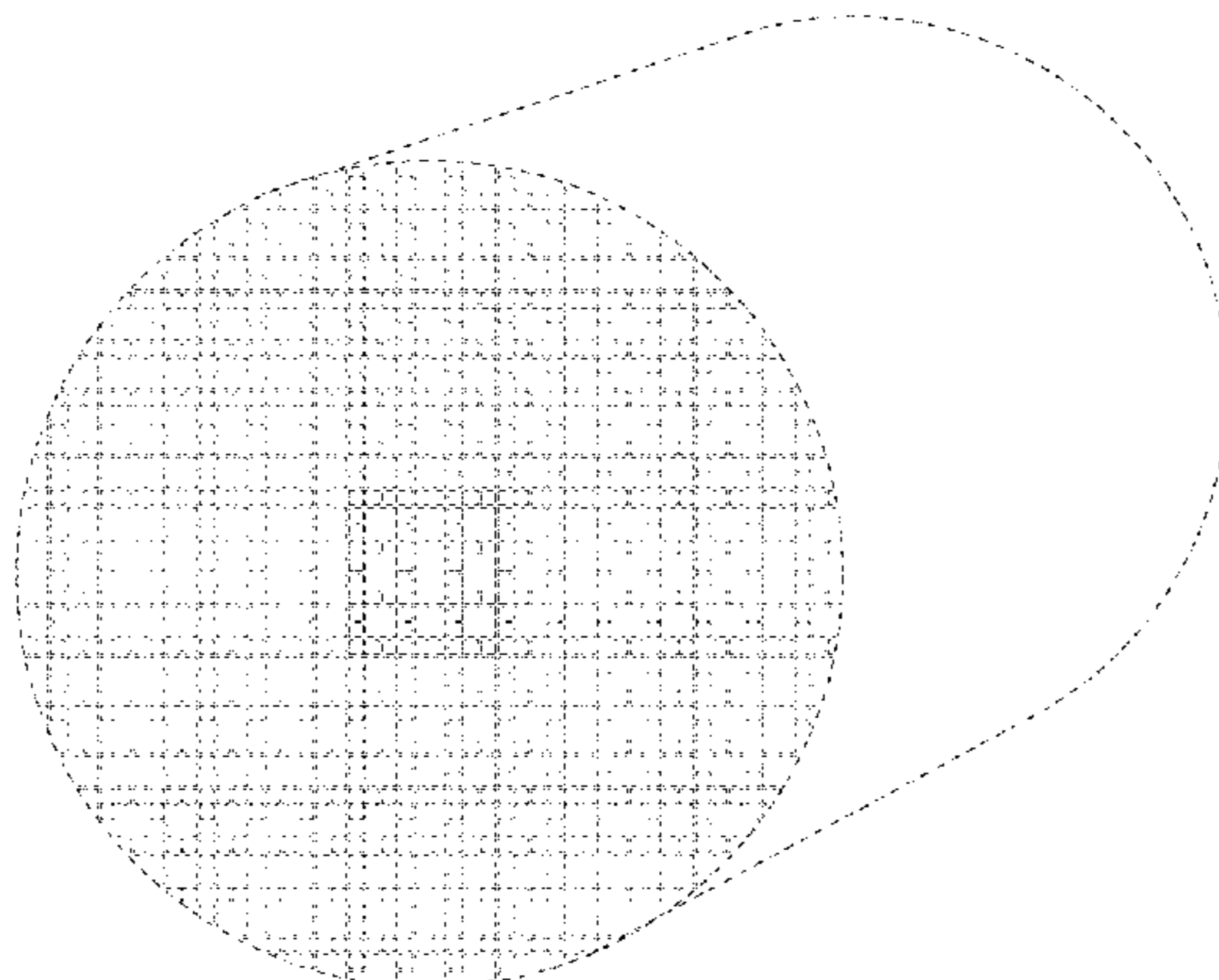


FIG. 13 is a top view thereof, the bottom view thereof being a mirror image;

FIG. 14 is a right view thereof, the left view thereof being a mirror image;

FIG. 15 is an enlarged view delimited by the four lines labelled 15 in FIG. 11;

FIG. 16 is an end view taken through line 16-16 of FIG. 11;

FIG. 17 is a middle omitted end view taken through line 17-17 of FIG. 15;

FIG. 18 is an enlarged view delimited by the four lines labelled 18 in FIG. 12;

FIG. 19 is a perspective view of a third embodiment of a filter for removing particle matter illustrating our new design;

FIG. 20 is a front view thereof;

FIG. 21 is a rear view thereof;

FIG. 22 is a top view thereof, the bottom view thereof being a mirror image;

FIG. 23 is a right view thereof, the left view thereof being a mirror image;

FIG. 24 is an enlarged view delimited by the four lines labelled 24 in FIG. 20;

FIG. 25 is an end view taken through line 25-25 of FIG. 20;

FIG. 26 is a middle omitted end view taken through line 26-26 of FIG. 24; and,

FIG. 27 is an enlarged view delimited by the four lines labelled 27 in FIG. 21.

The broken lines in the drawings depict unclaimed subject matter only and form no part of the claimed design. The break lines in FIGS. 8, 17 & 26 show truncation of length.

**1 Claim, 27 Drawing Sheets**

Fig. 1

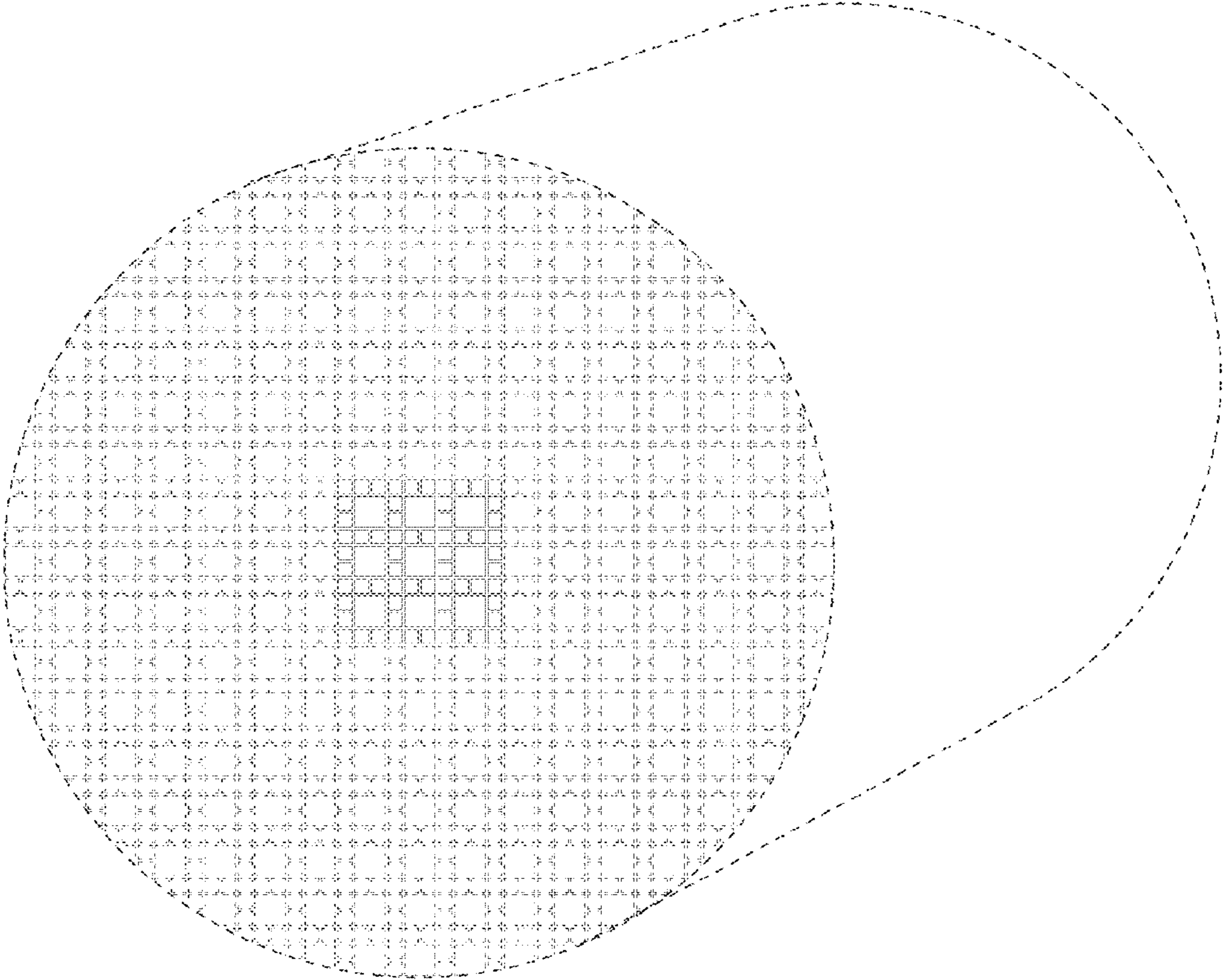


Fig.2

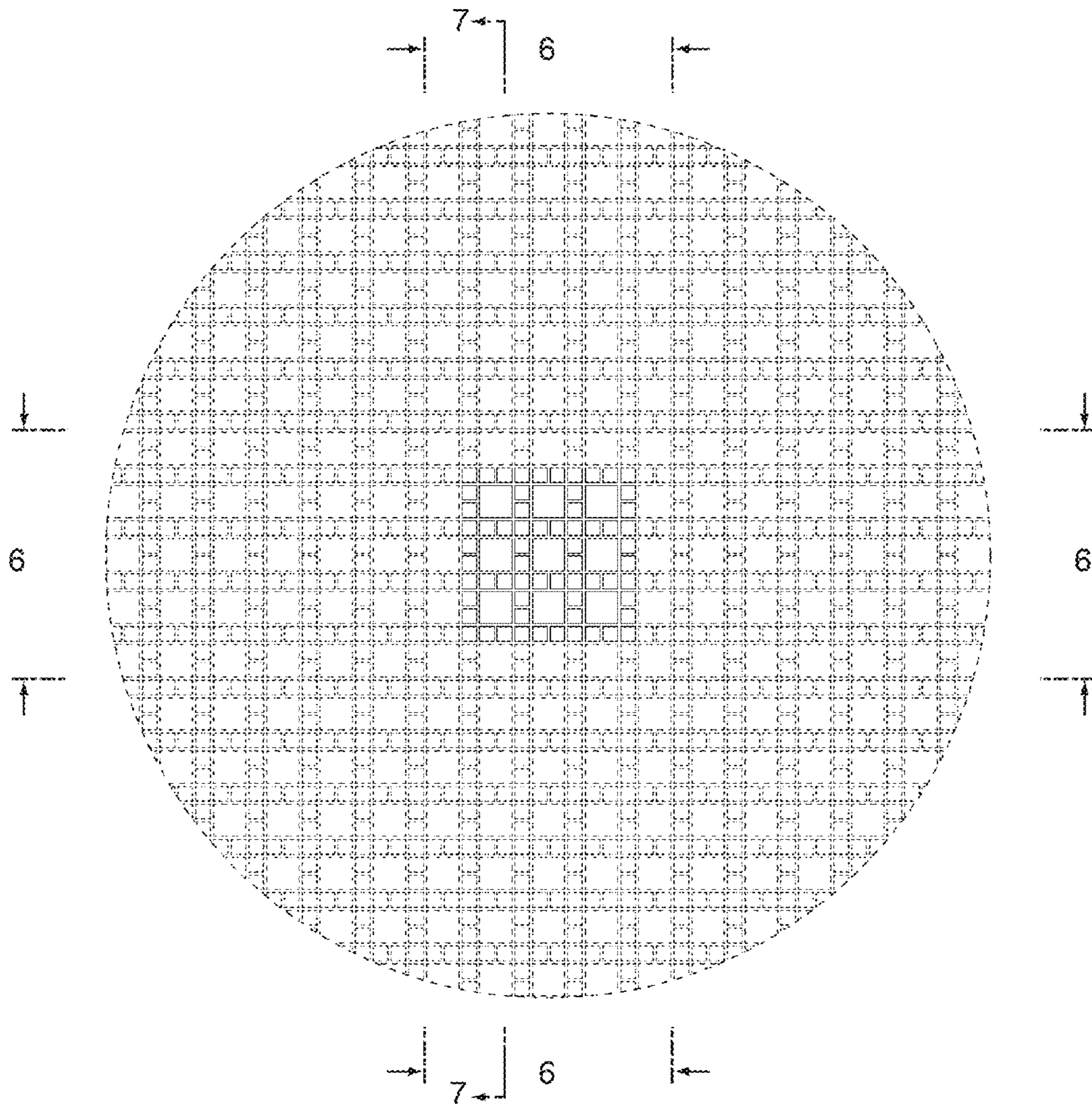


Fig.3

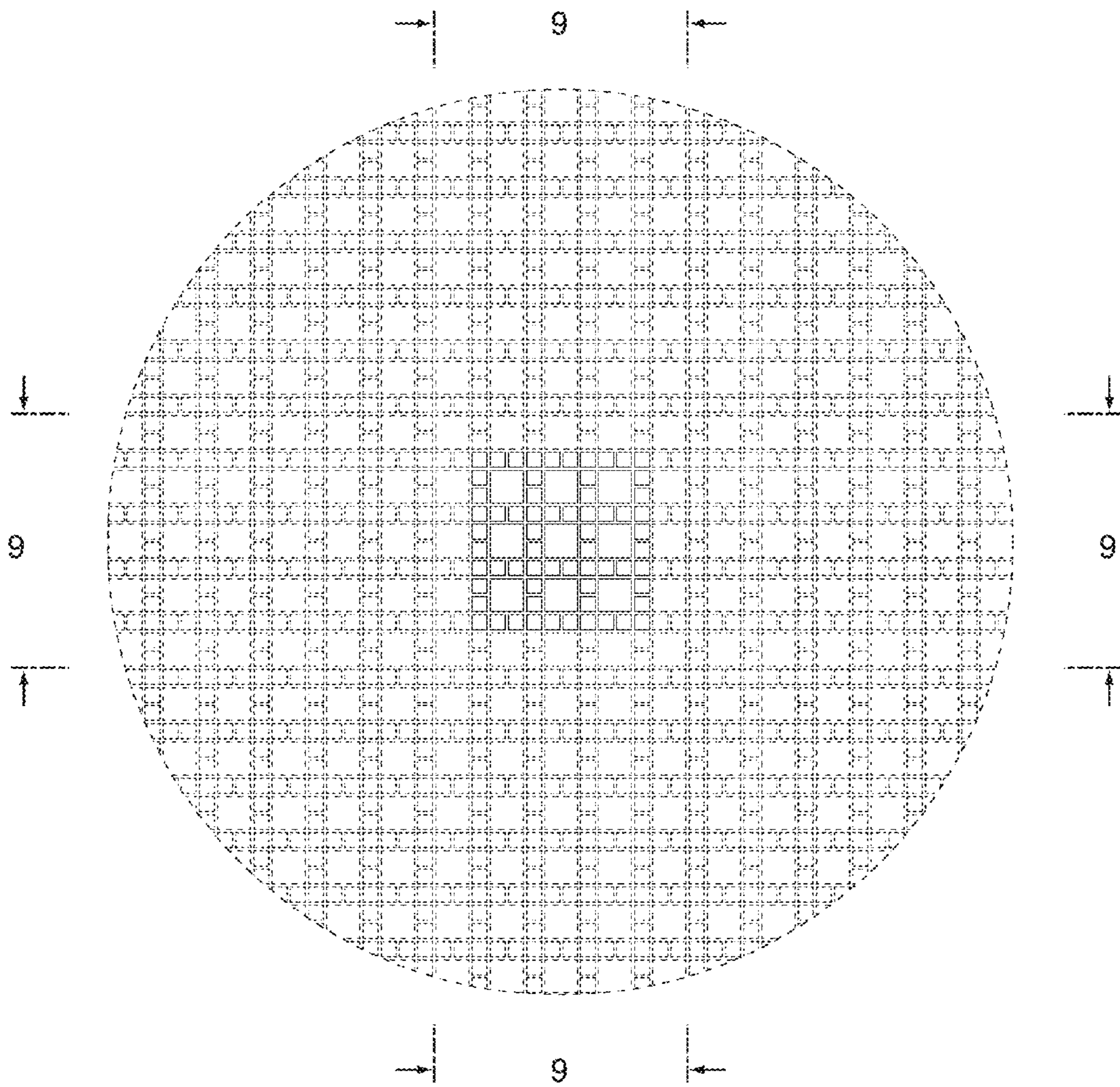


Fig.4



Fig. 5



Fig.6

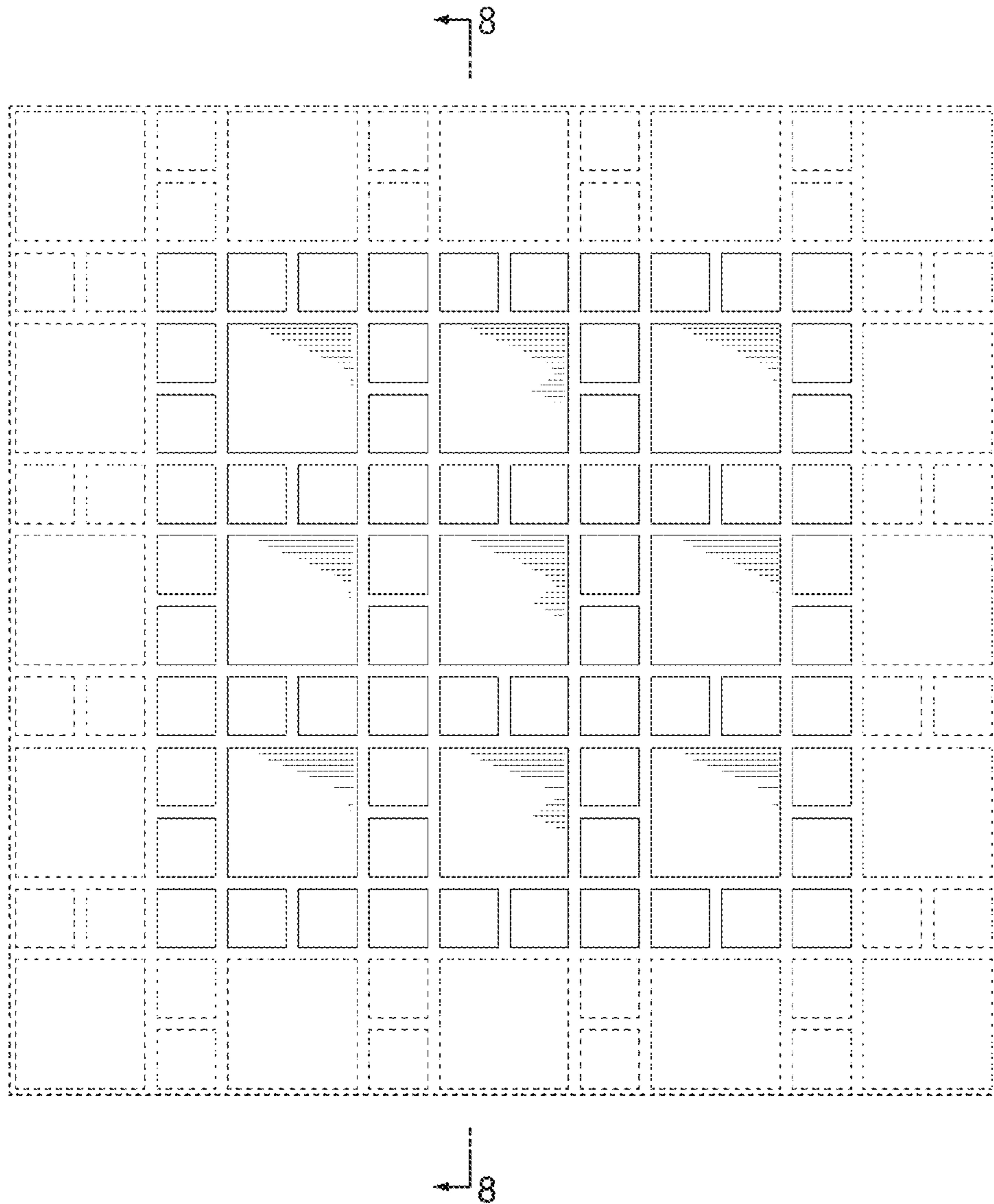




Fig.7



Fig.8

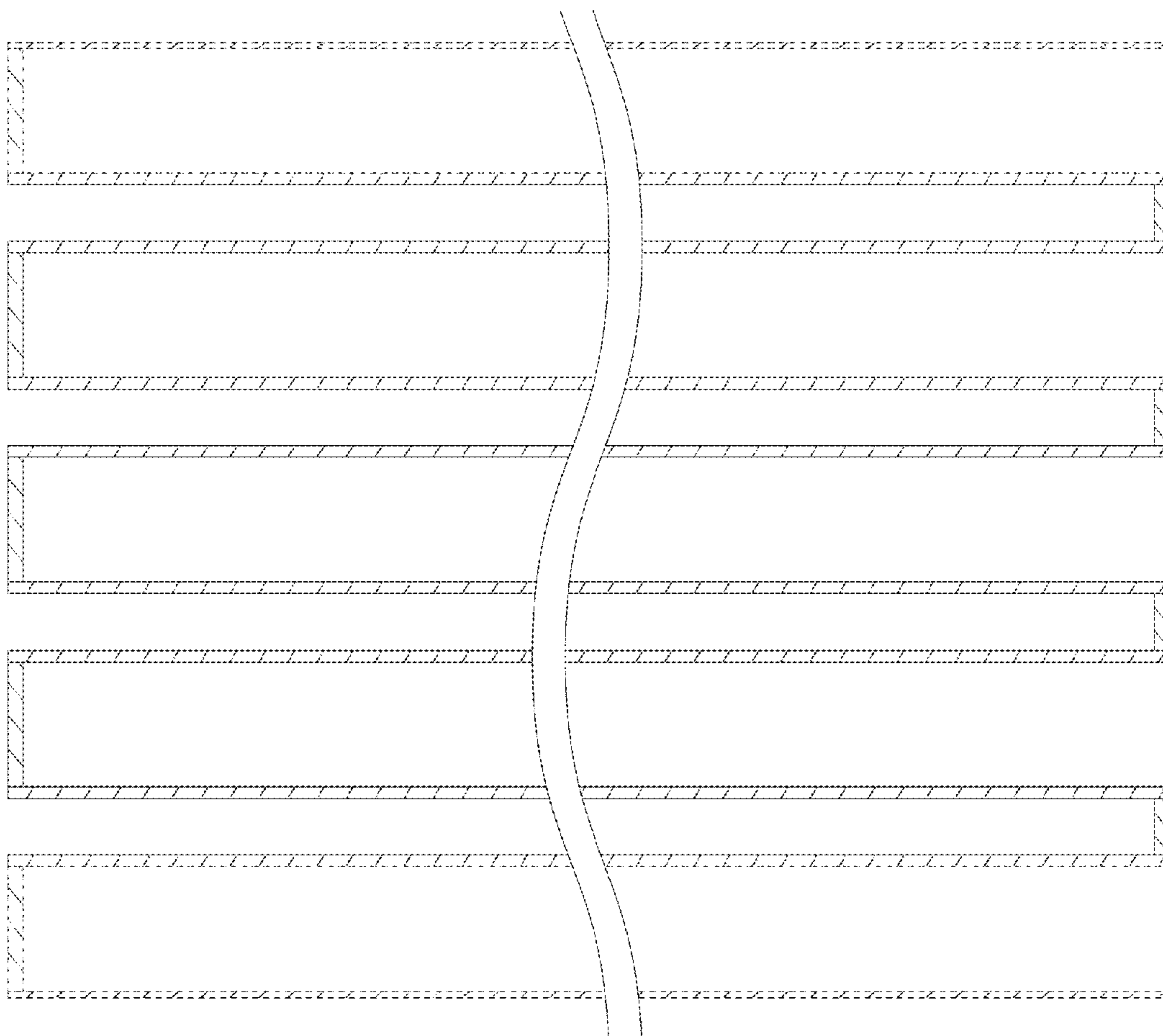


Fig.9

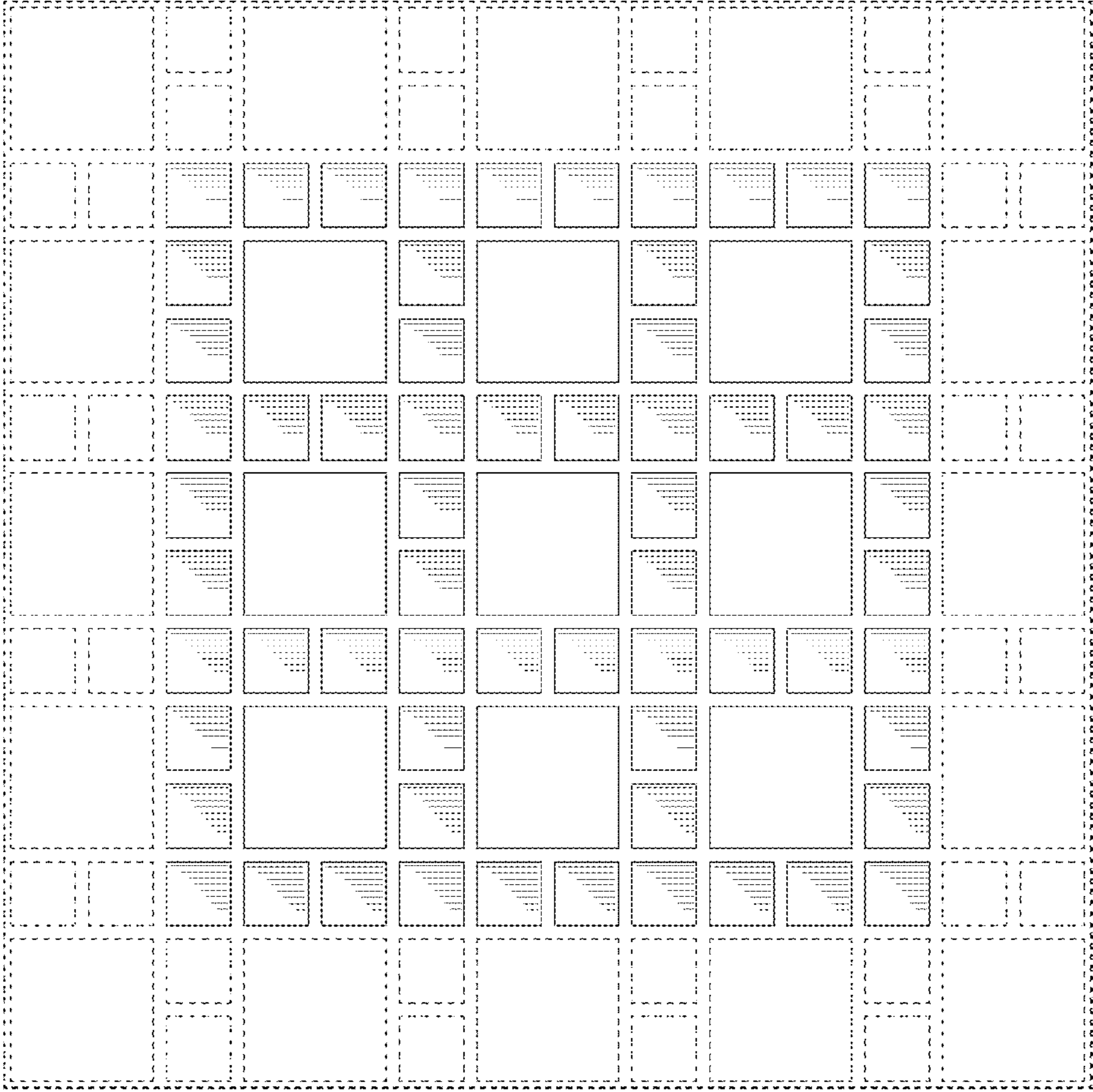


Fig.10

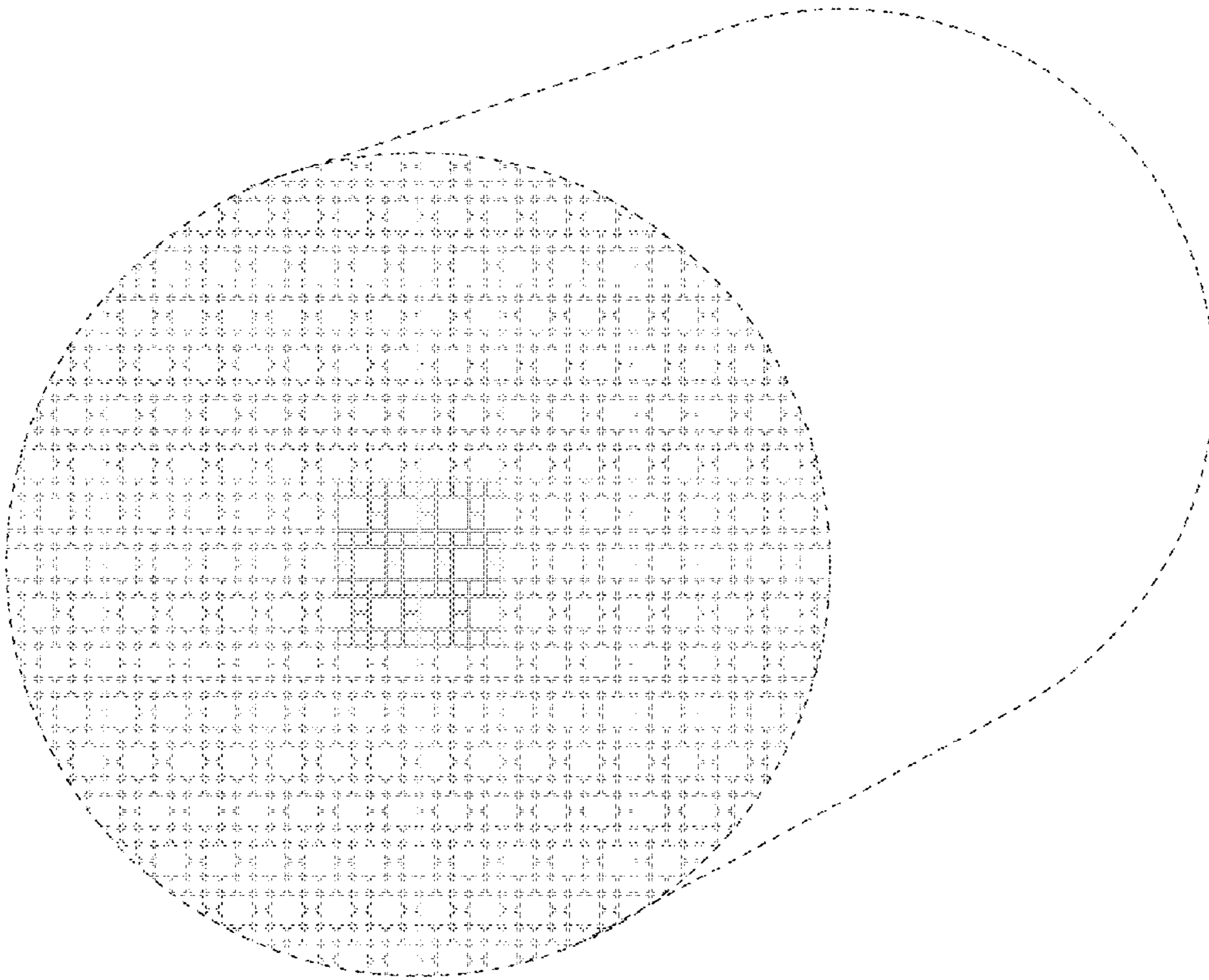


Fig. 11

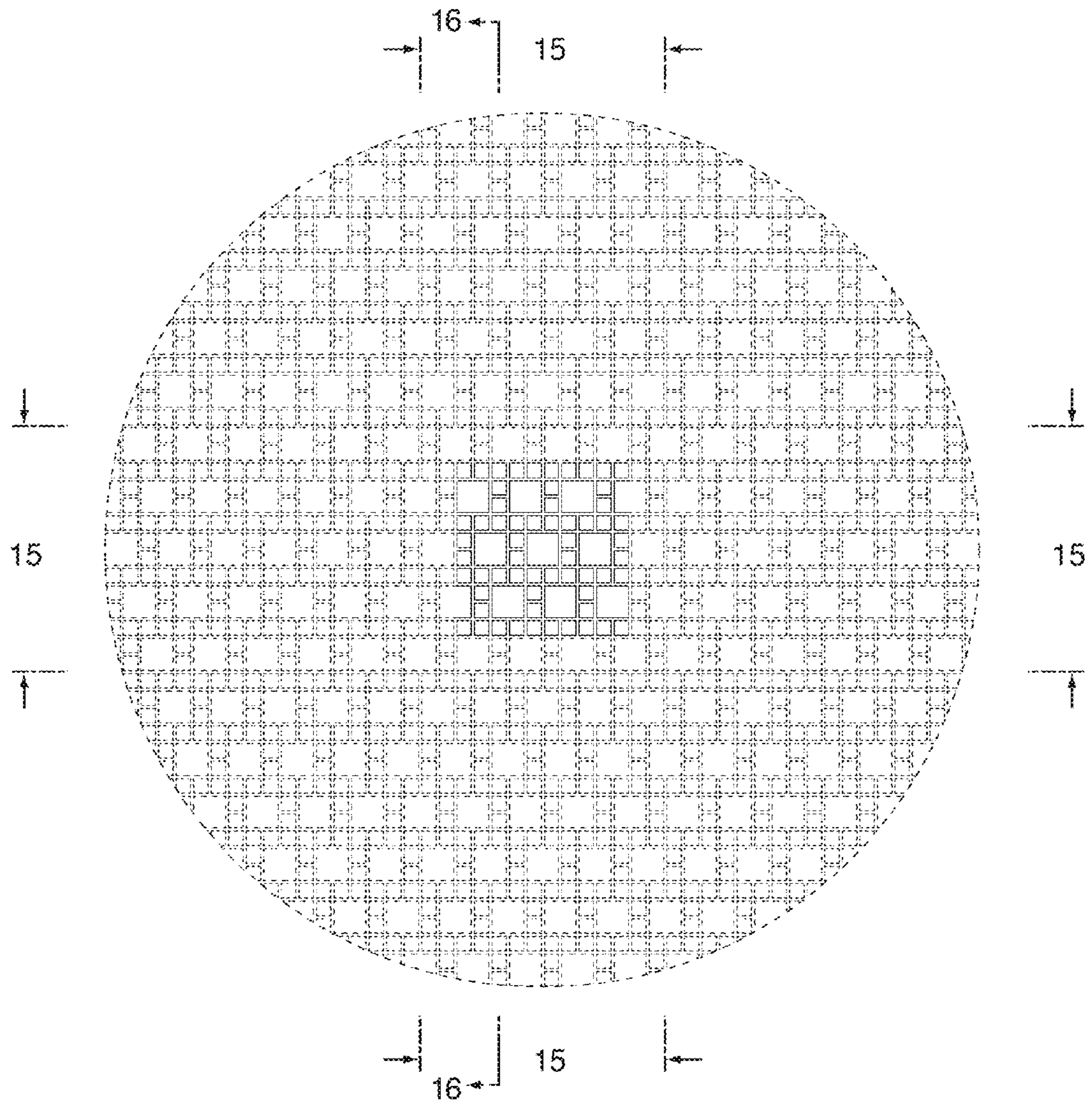


Fig.12

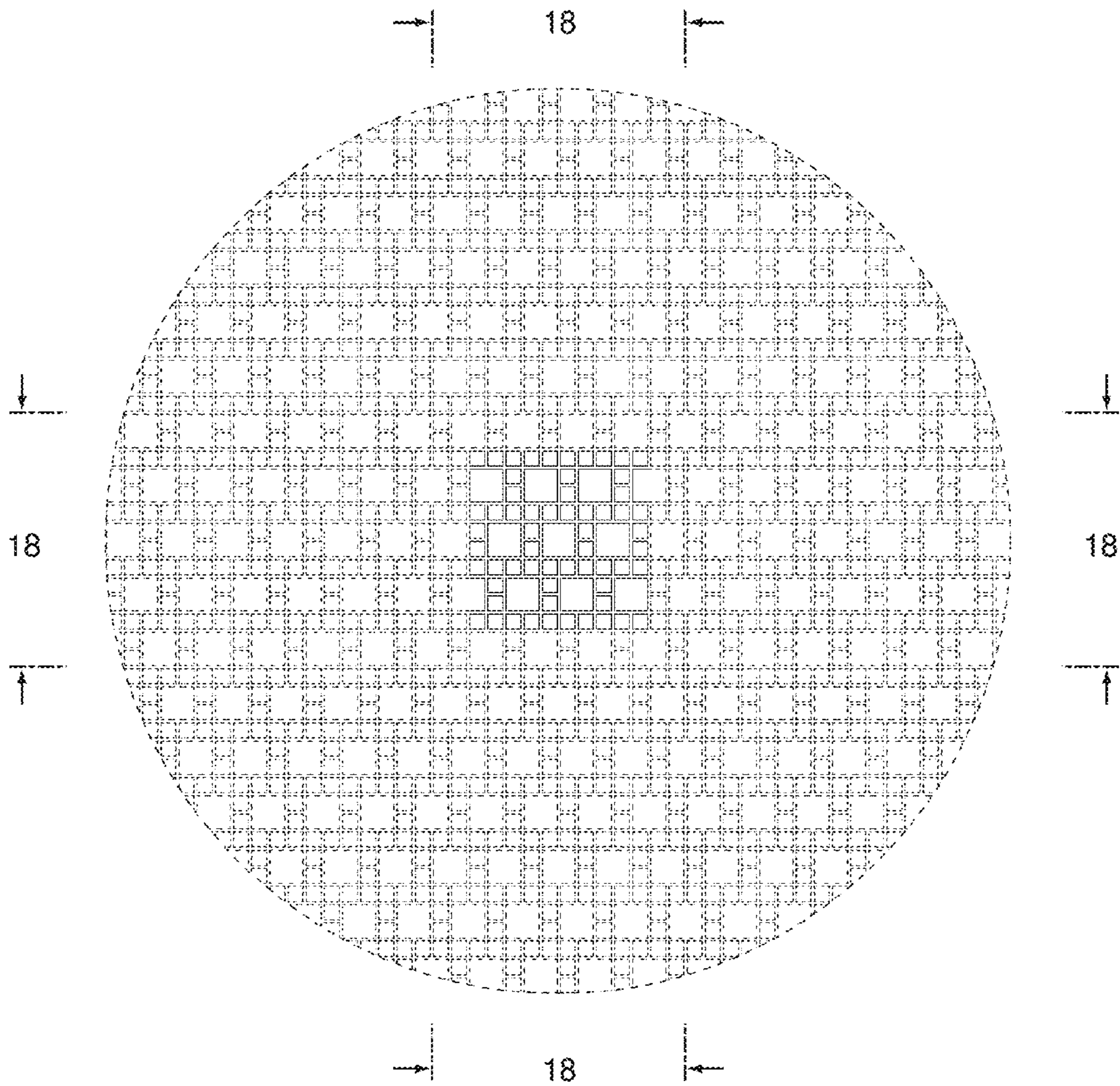


Fig.13

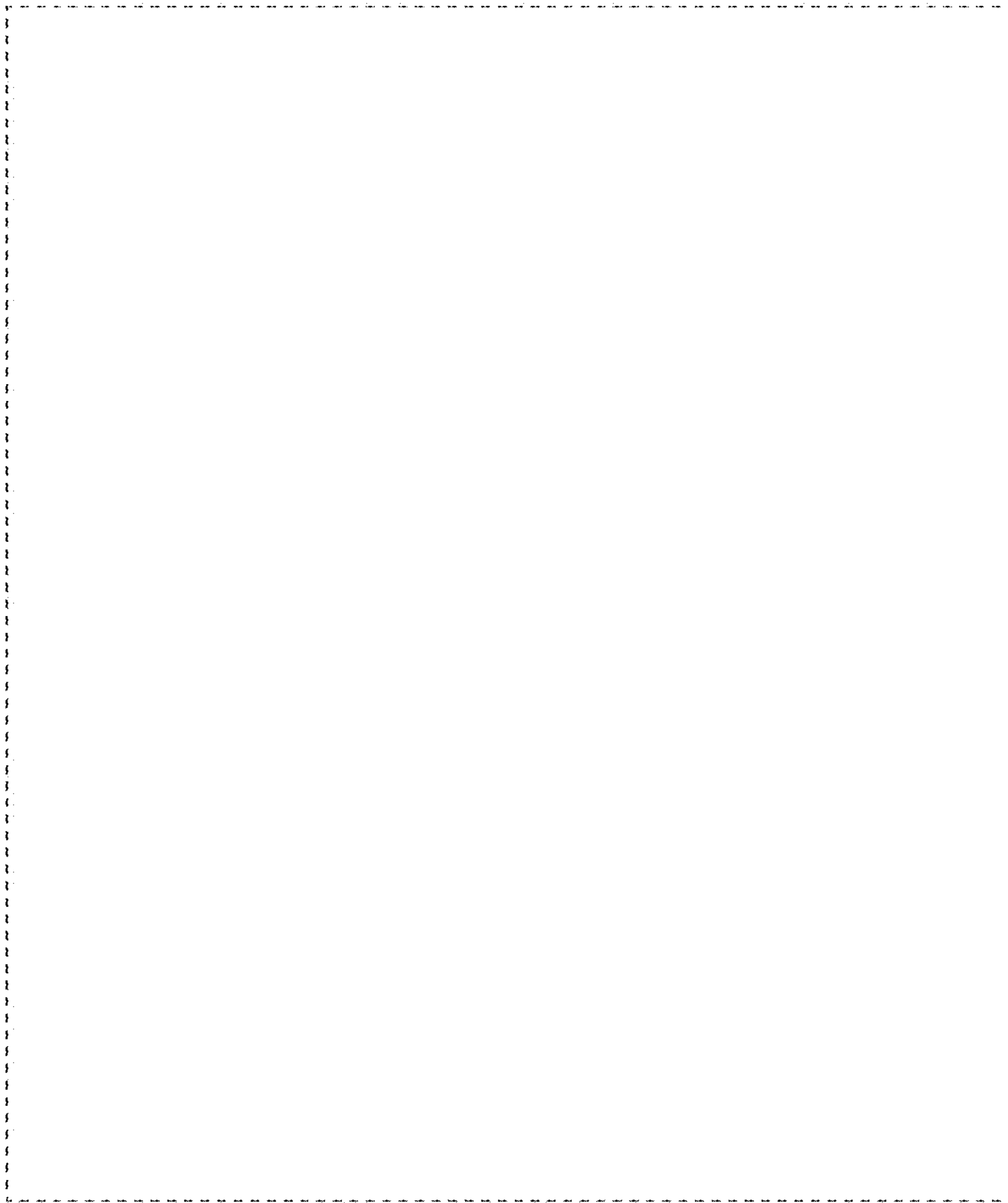


Fig.14





Fig. 15

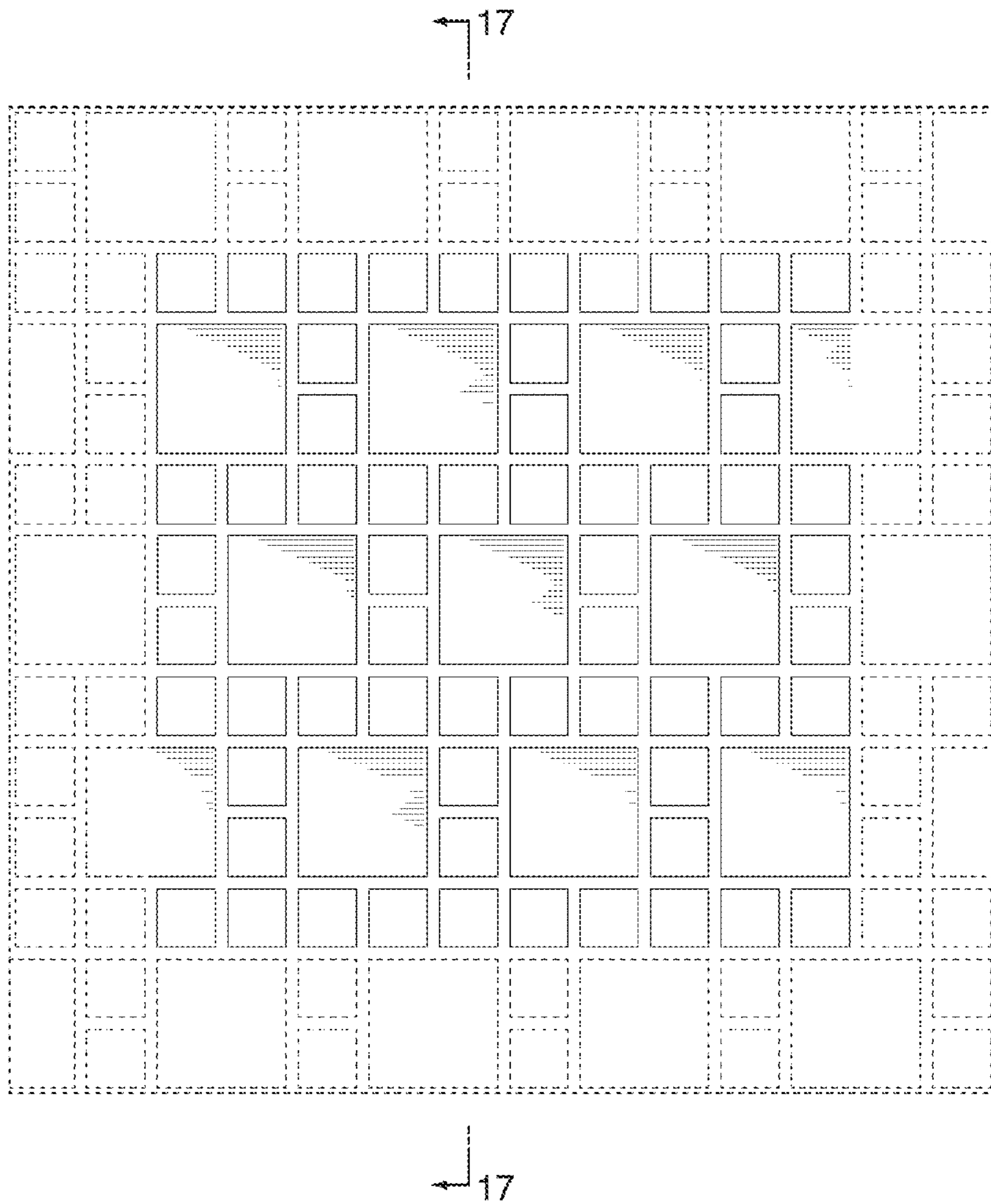


Fig. 16



Fig. 17

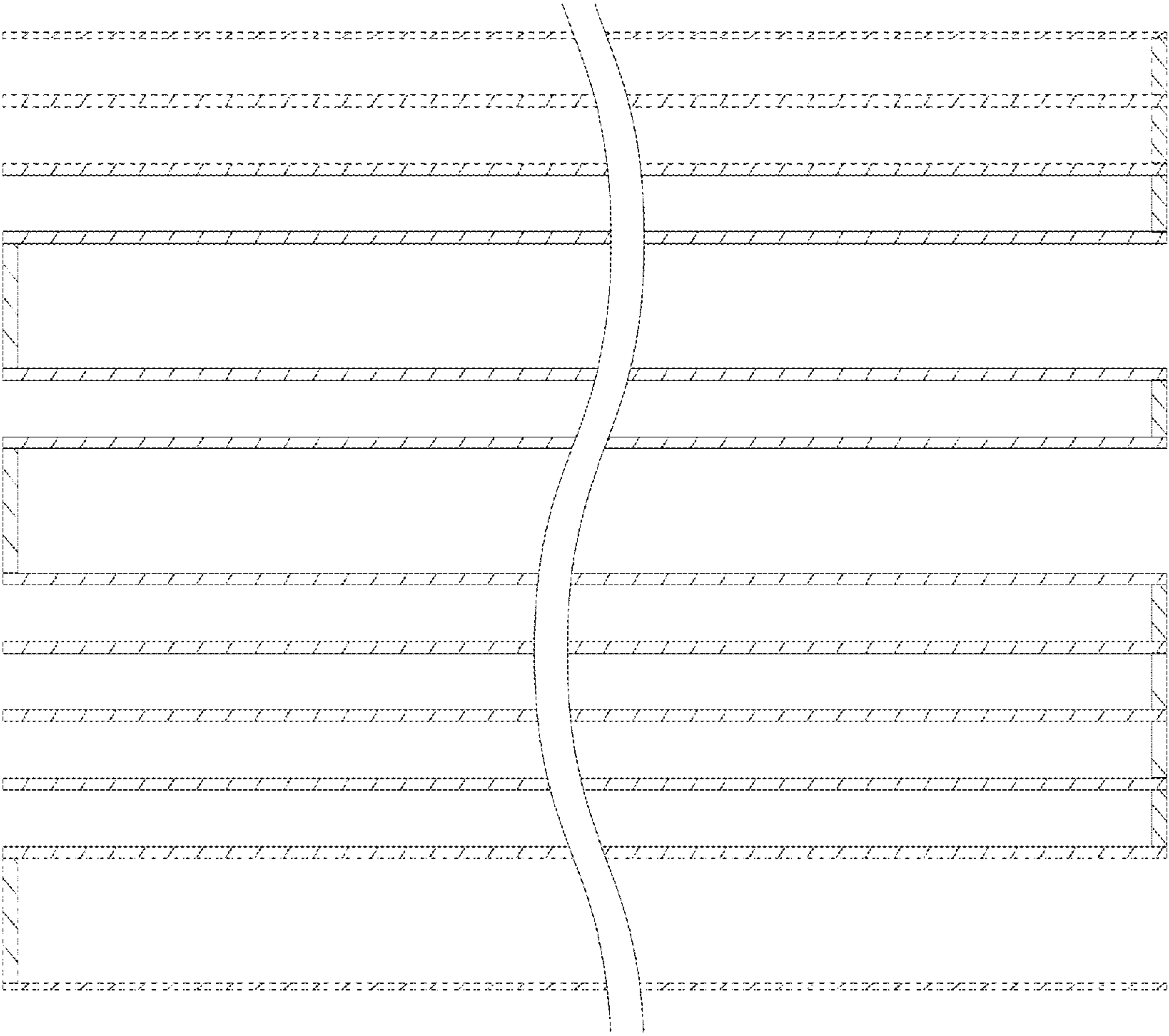


Fig. 18

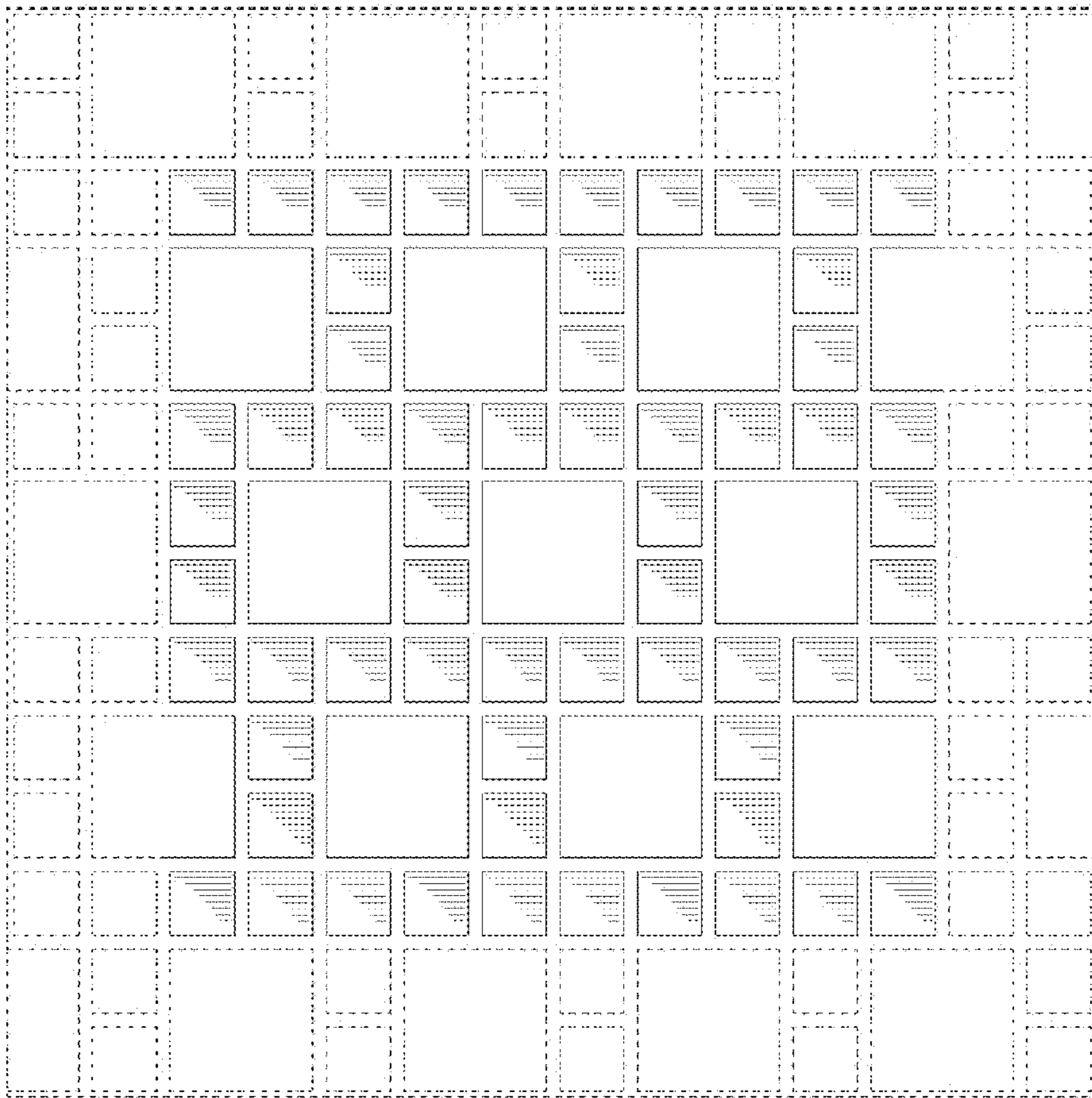


Fig. 19

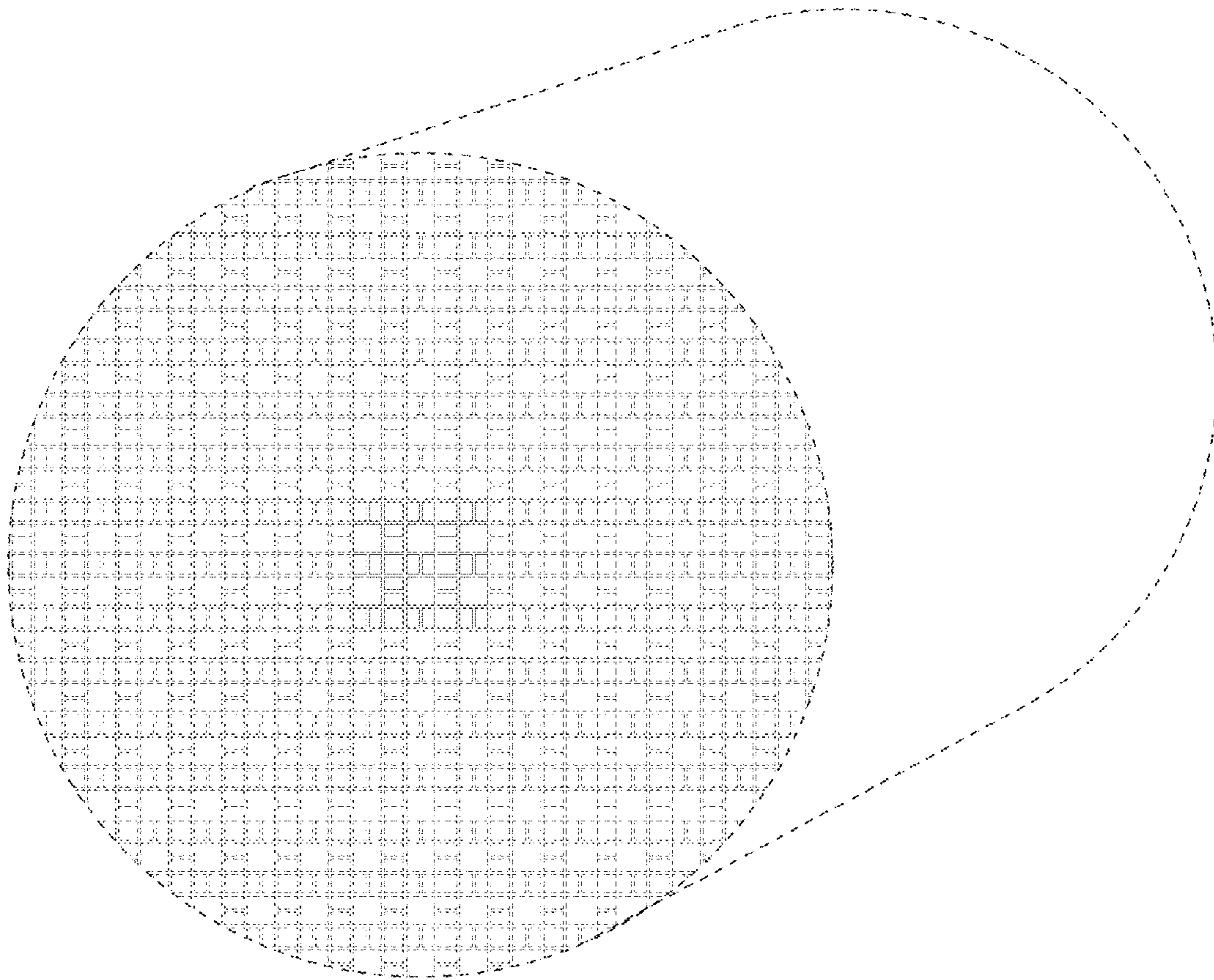


Fig.20

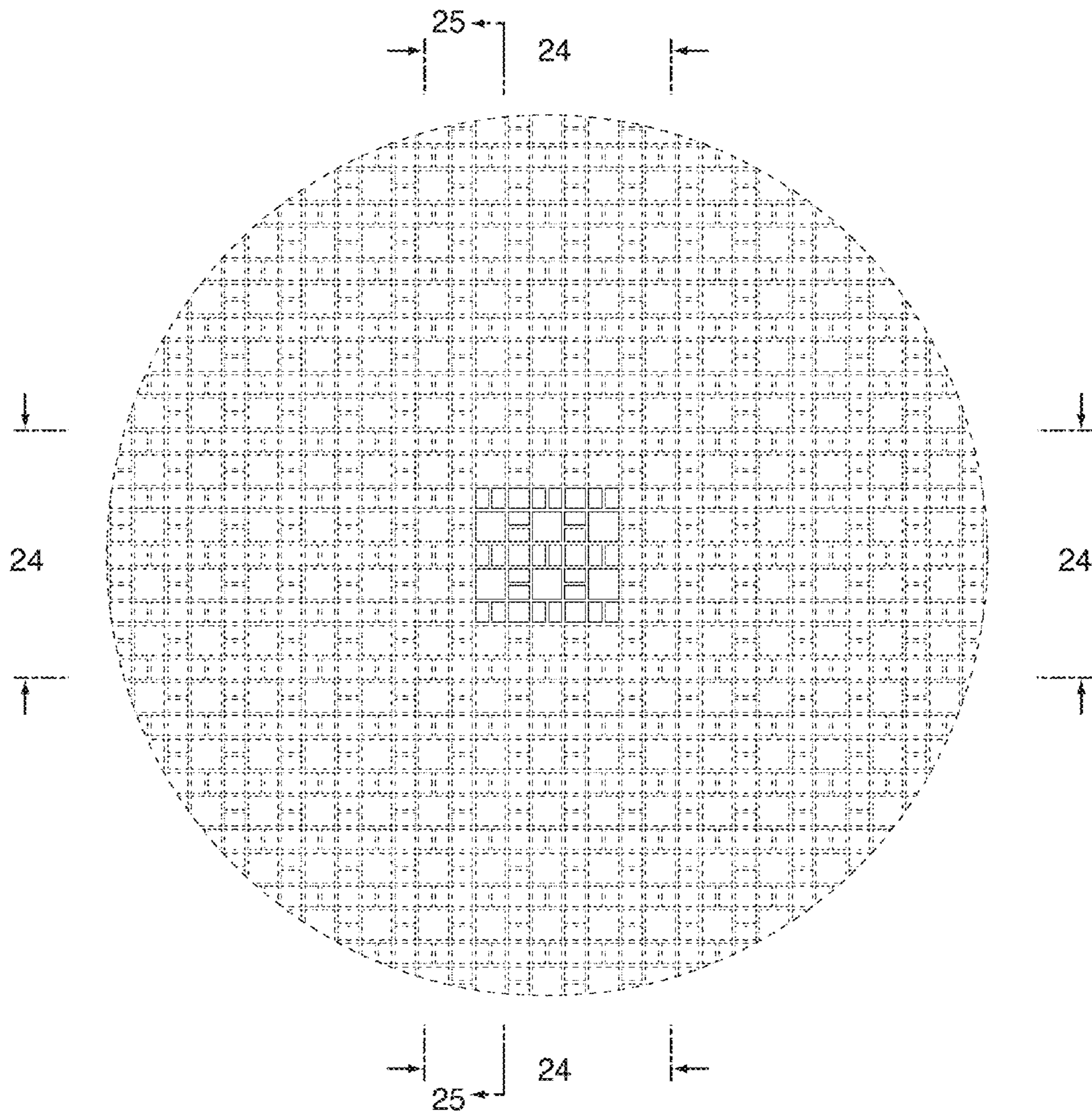


Fig.21

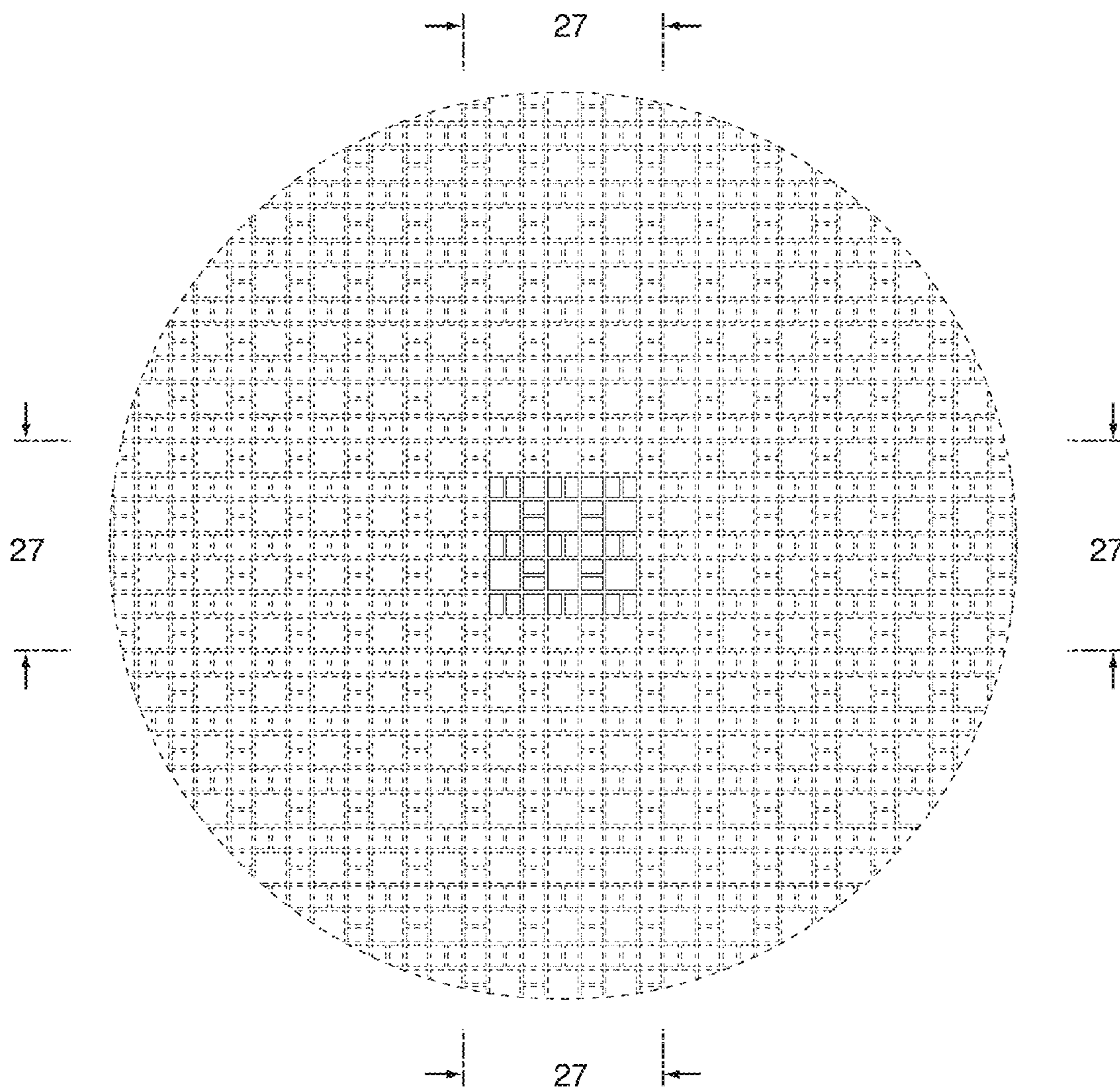


Fig.22





Fig.23



Fig.24

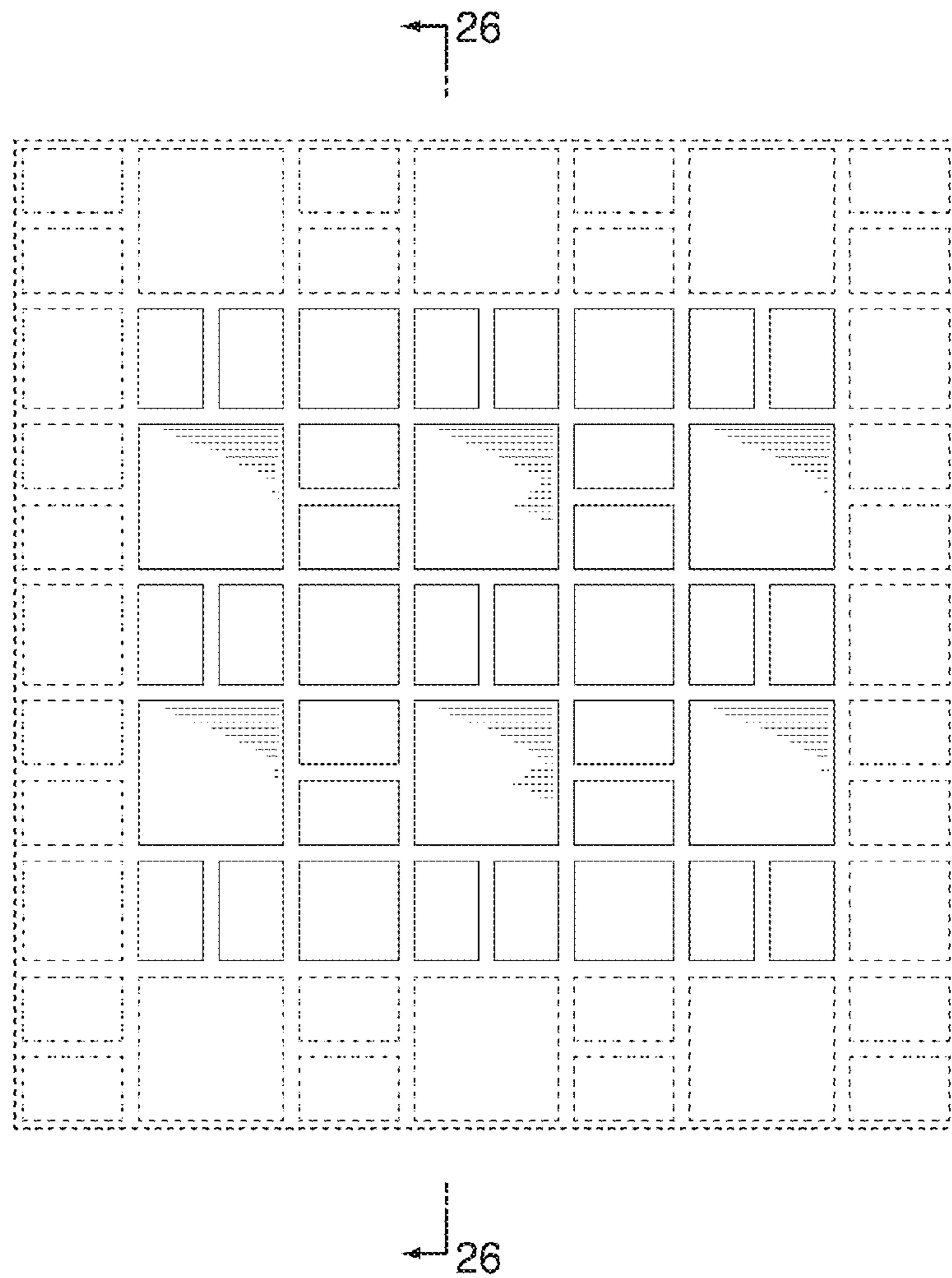


Fig.25



Fig.26

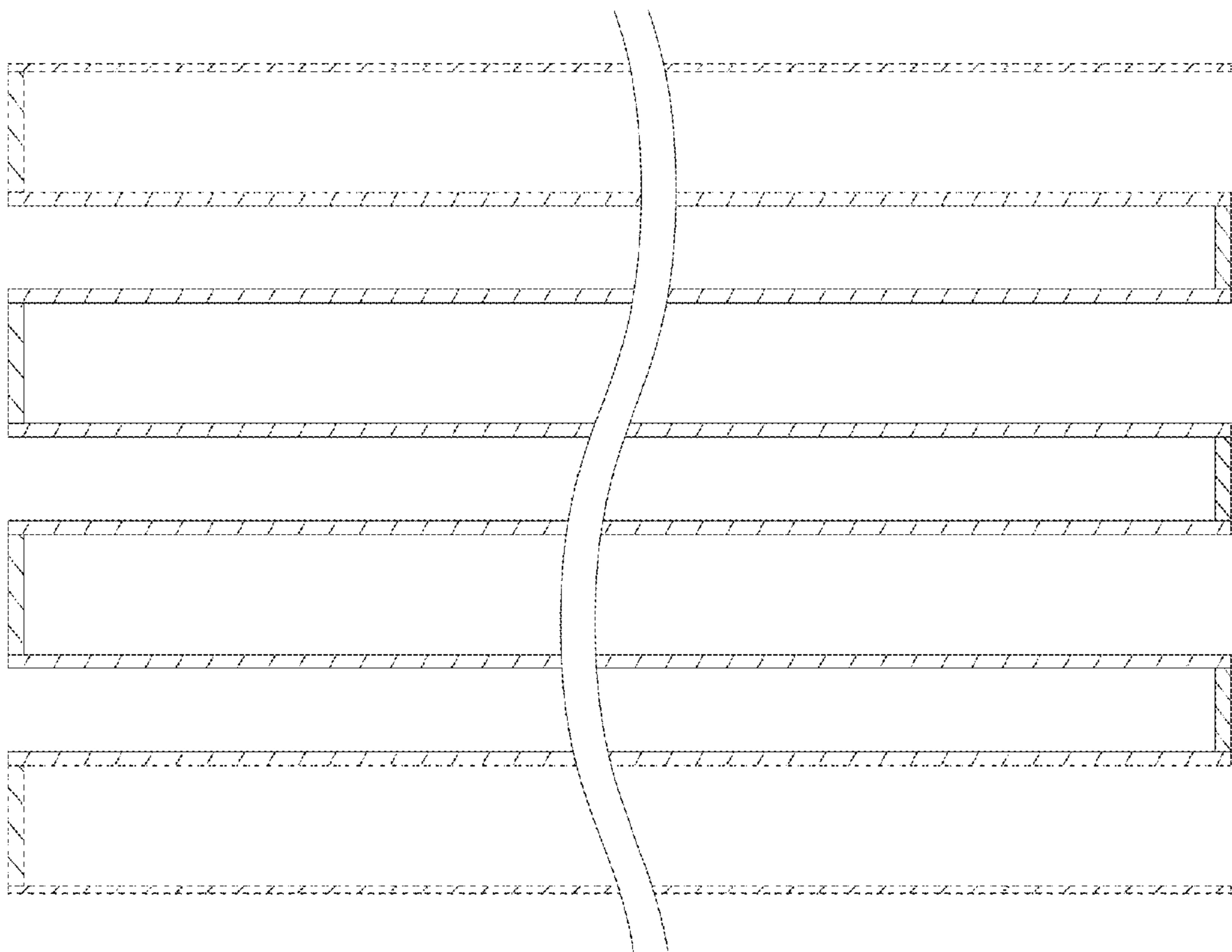


Fig.27

