



US00D835768S

(12) **United States Design Patent**  
**Yamaguchi**

(10) **Patent No.:** **US D835,768 S**

(45) **Date of Patent:** **\*\* Dec. 11, 2018**

(54) **CATALYST CARRIER FOR EXHAUST GAS PURIFICATION**

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(72) Inventor: **Takaya Yamaguchi**, Nagoya (JP)

(73) Assignee: **NGK Insulators, Ltd.**, Nagoya (JP)

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

(21) Appl. No.: **29/596,132**

(22) Filed: **Mar. 6, 2017**

(30) **Foreign Application Priority Data**

Sep. 15, 2016 (JP) ..... 2016-019969  
Sep. 15, 2016 (JP) ..... 2016-019970  
Sep. 15, 2016 (JP) ..... 2016-019971

(51) **LOC (11) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/365**; D23/355; D15/5

(58) **Field of Classification Search**  
USPC ..... D23/209, 341, 354, 355, 364-365,  
D23/386-391; D25/114-116, 118-125;  
D7/412  
CPC ..... F01N 2330/06; F01N 3/0222; B01D  
46/2429; B01D 46/2451; B01D 46/247;  
B01D 46/2492; B01D 46/2481; F28F  
1/40; E04B 2/42; E04B 2/44; E04B 2/50;  
E04B 2/52; E04B 2/54  
See application file for complete search history.

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(Continued)

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(57) **CLAIM**

The ornamental design for a catalyst carrier for exhaust gas purification, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a catalyst carrier for exhaust gas purification illustrating my new design;

FIG. 2 is a front view thereof; the rear view thereof being a mirror image;

FIG. 3 is a top view thereof, the bottom view thereof being a mirror image;

FIG. 4 is a right view thereof, the left view thereof being a mirror image;

FIG. 5 is an enlarged view delimited by the lines labelled 5 in FIG. 2;

FIG. 6 is a middle omitted cross-sectional view taken through line 6-6 of FIG. 5; and,

FIG. 7 is a middle omitted partial cross-sectional view taken through and delimited by lines 7-7 of FIG. 5.

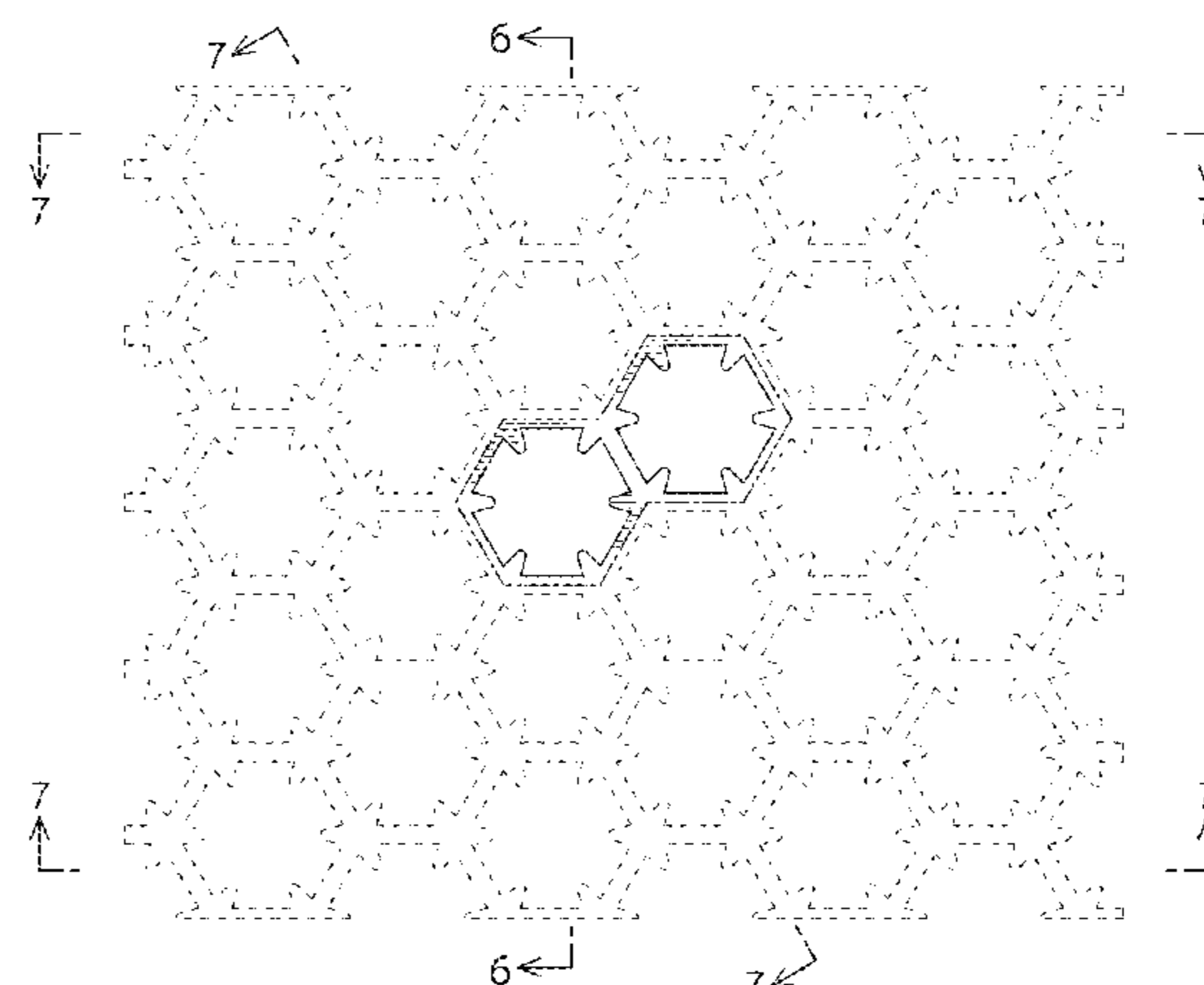
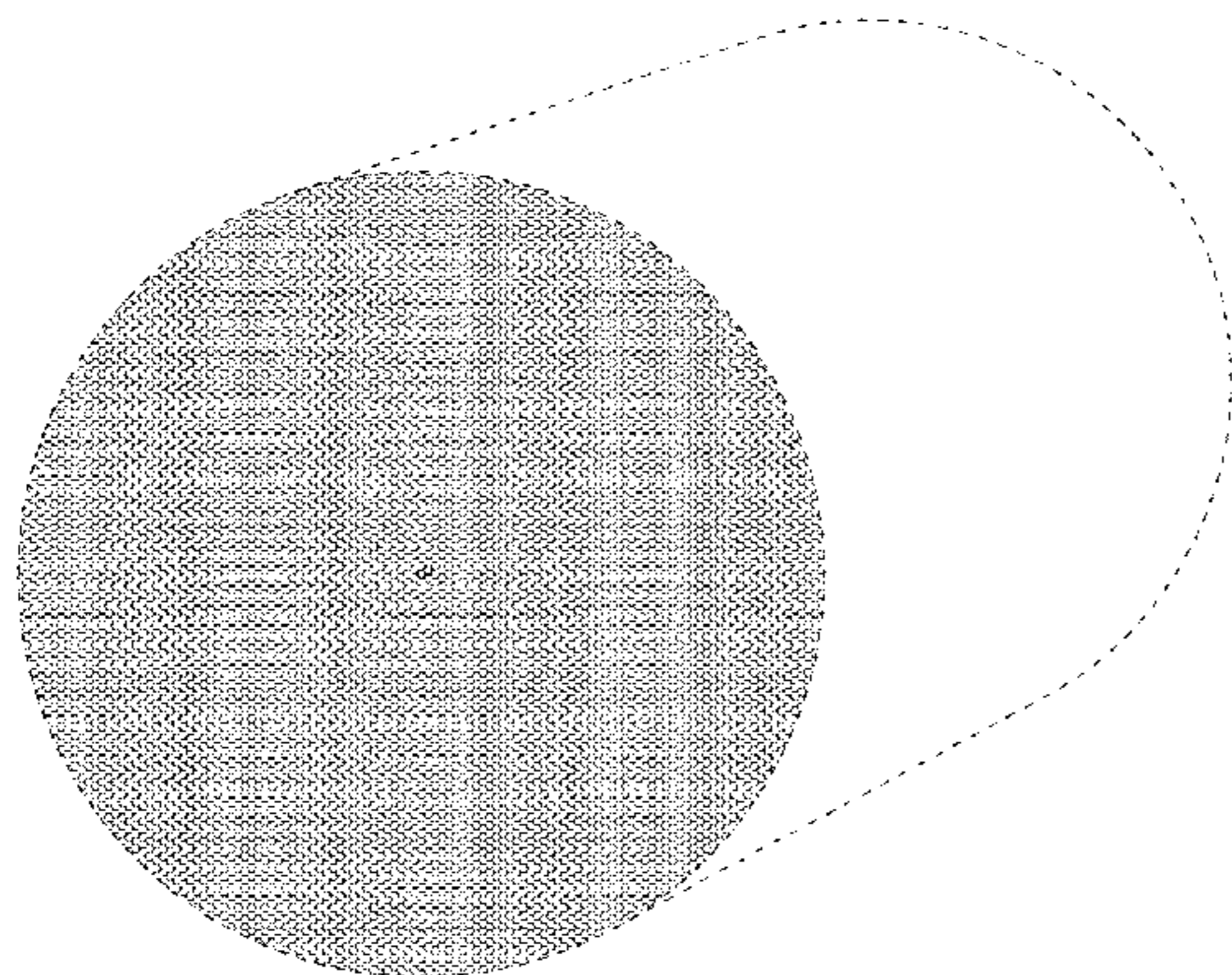
The catalyst carrier is used for removing toxic substances contained in exhaust fumes emitted from automobile engines and the like. The catalyst carrier has fins in each of its cells. The fin is provided in the same sectional shape over the whole length of the cells.

The broken lines in the drawings depict unclaimed subject matter only and form no part of the claimed design.

The chain lines in the drawings depict a boundary between the claimed design and the unclaimed subject matter and form no part of the claimed design.

The catalyst carrier for exhaust gas purification is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

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Fig. 1

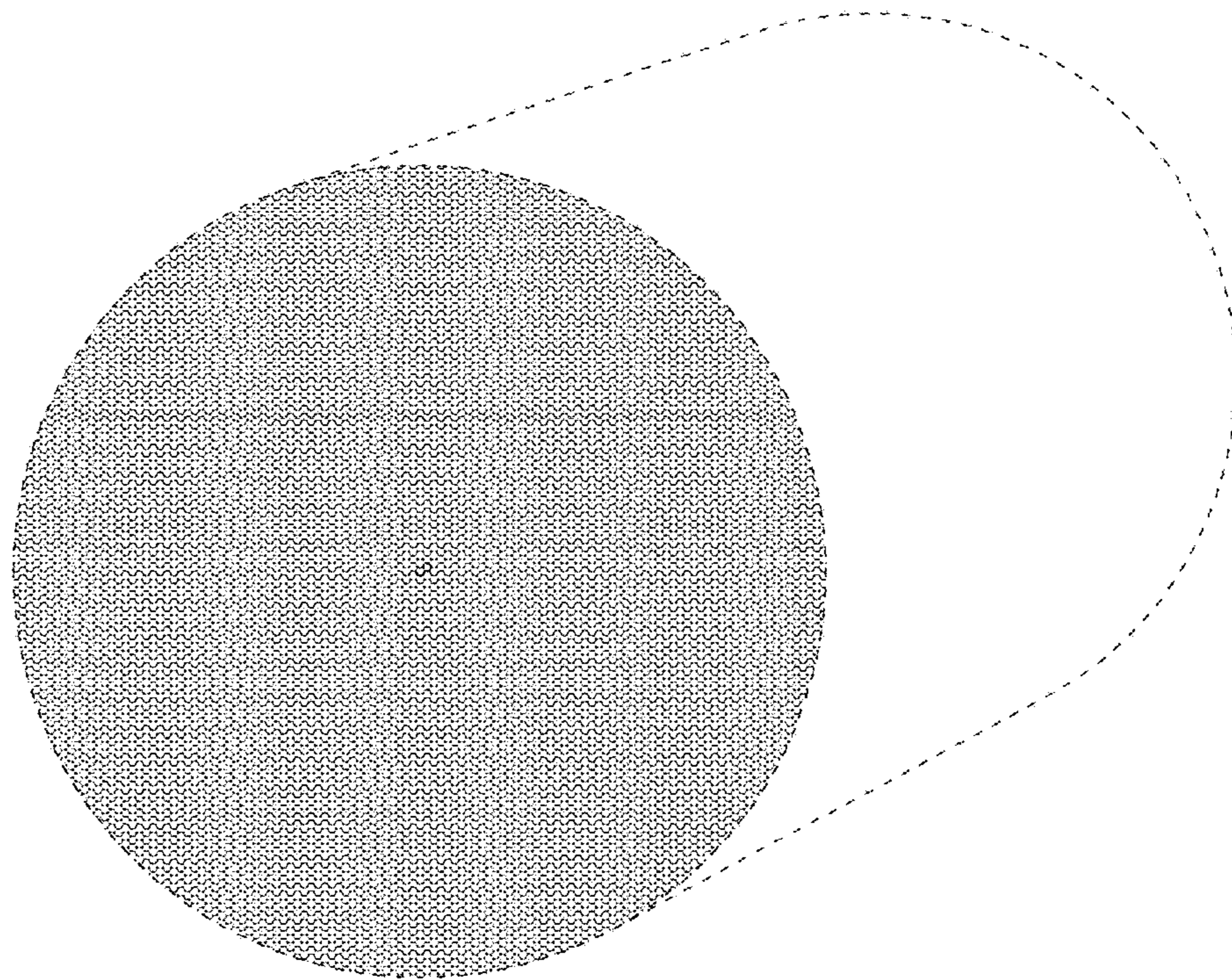


Fig.2

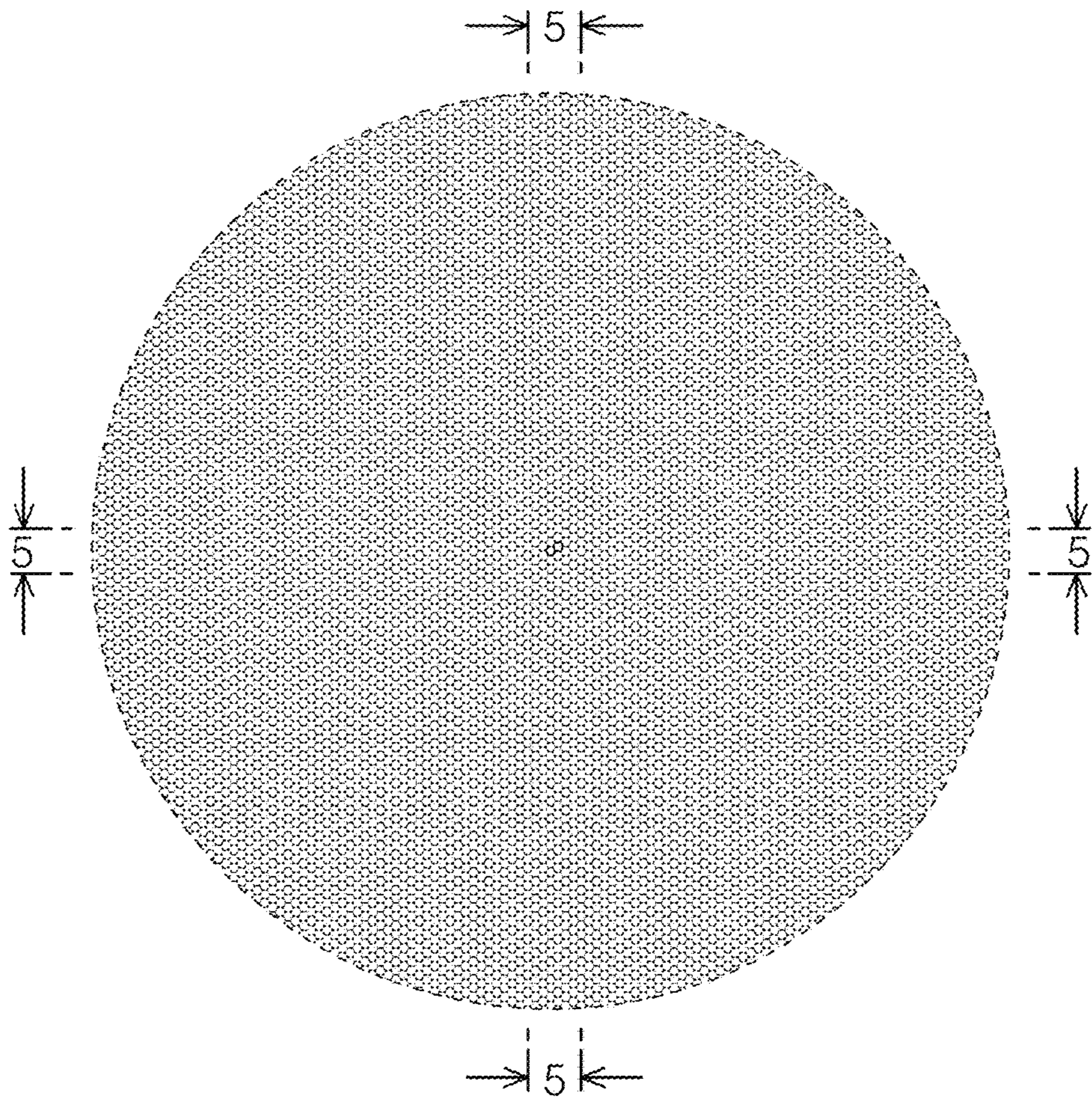




Fig. 3



Fig. 4



Fig. 5

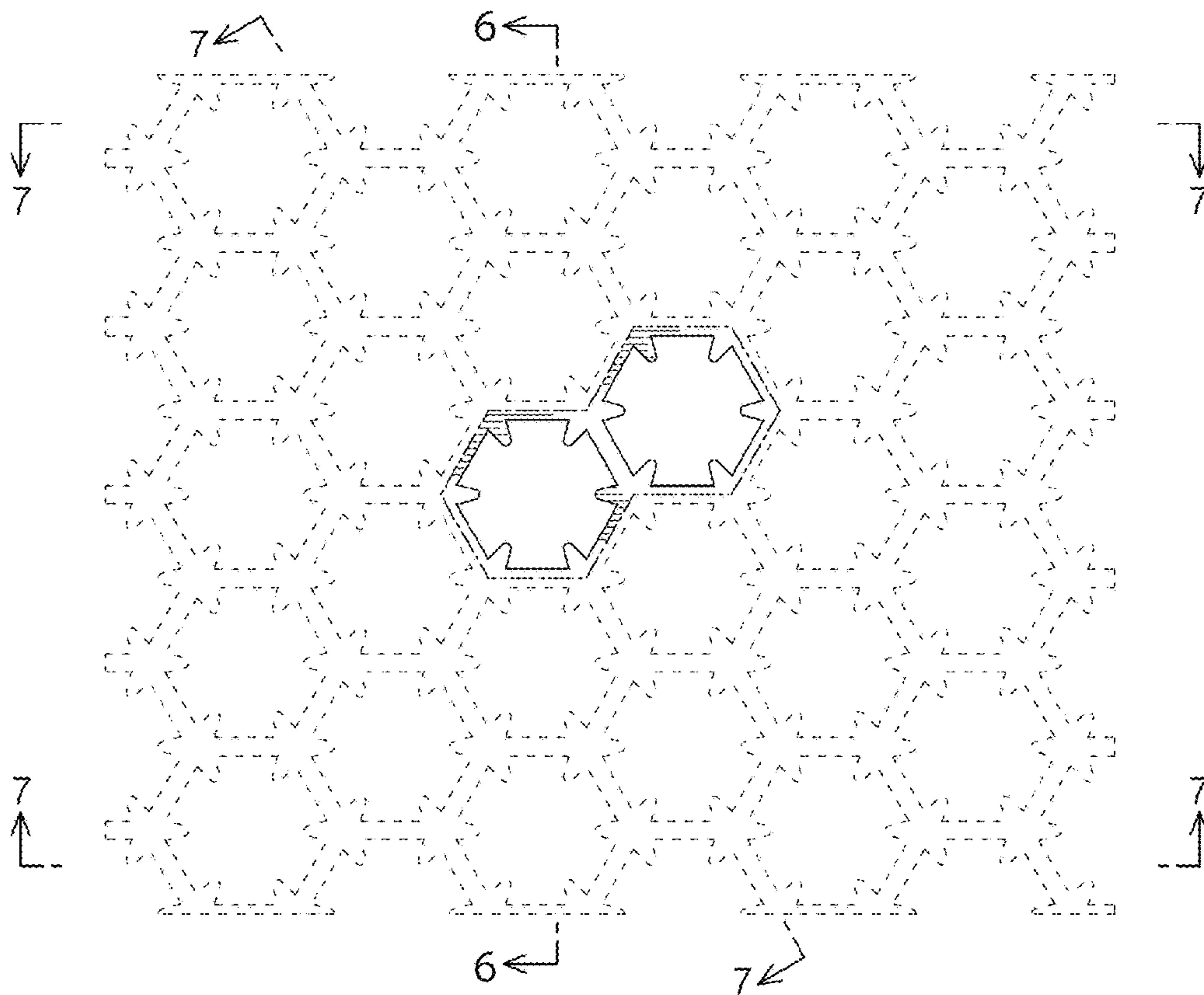


Fig. 6

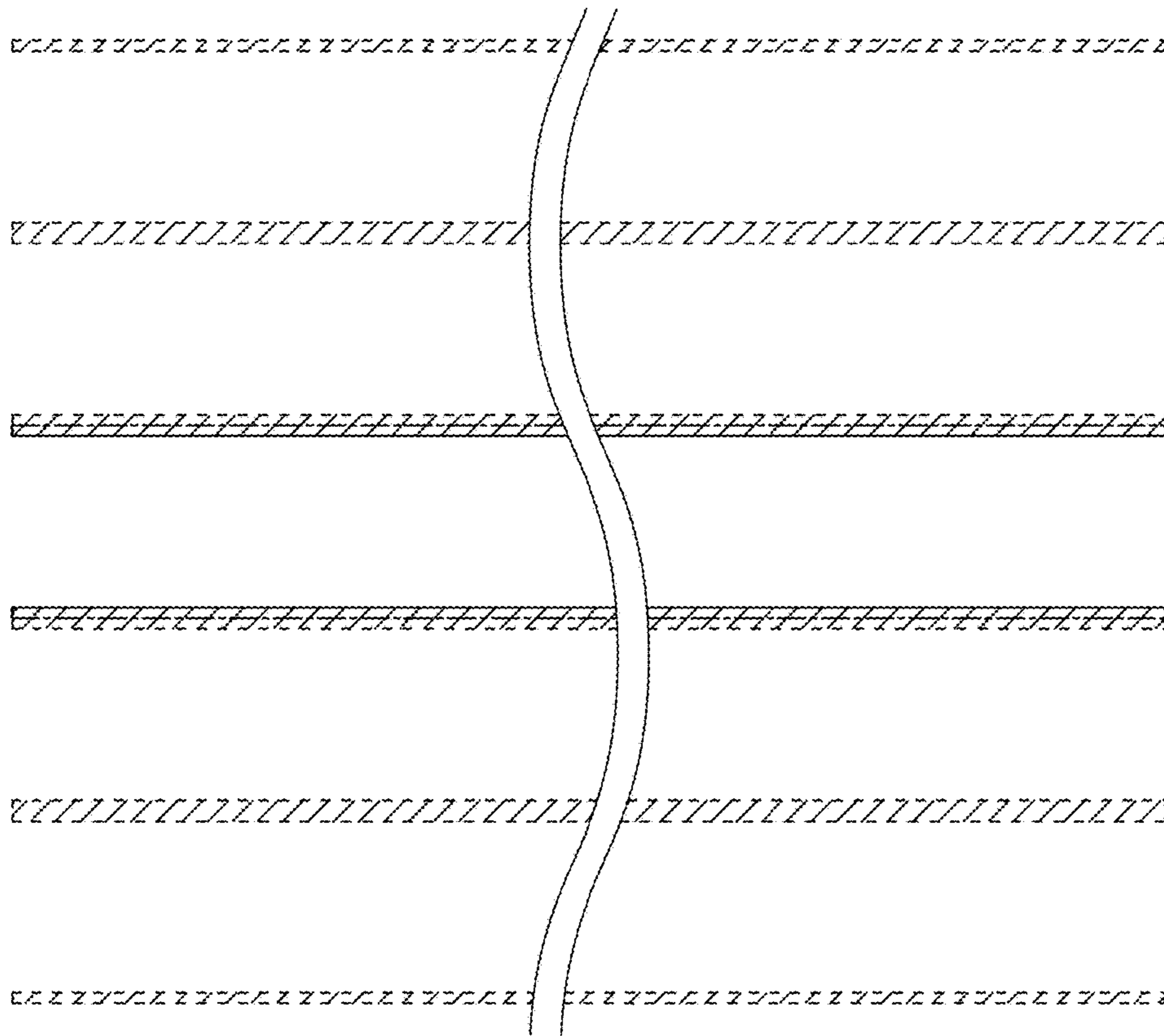
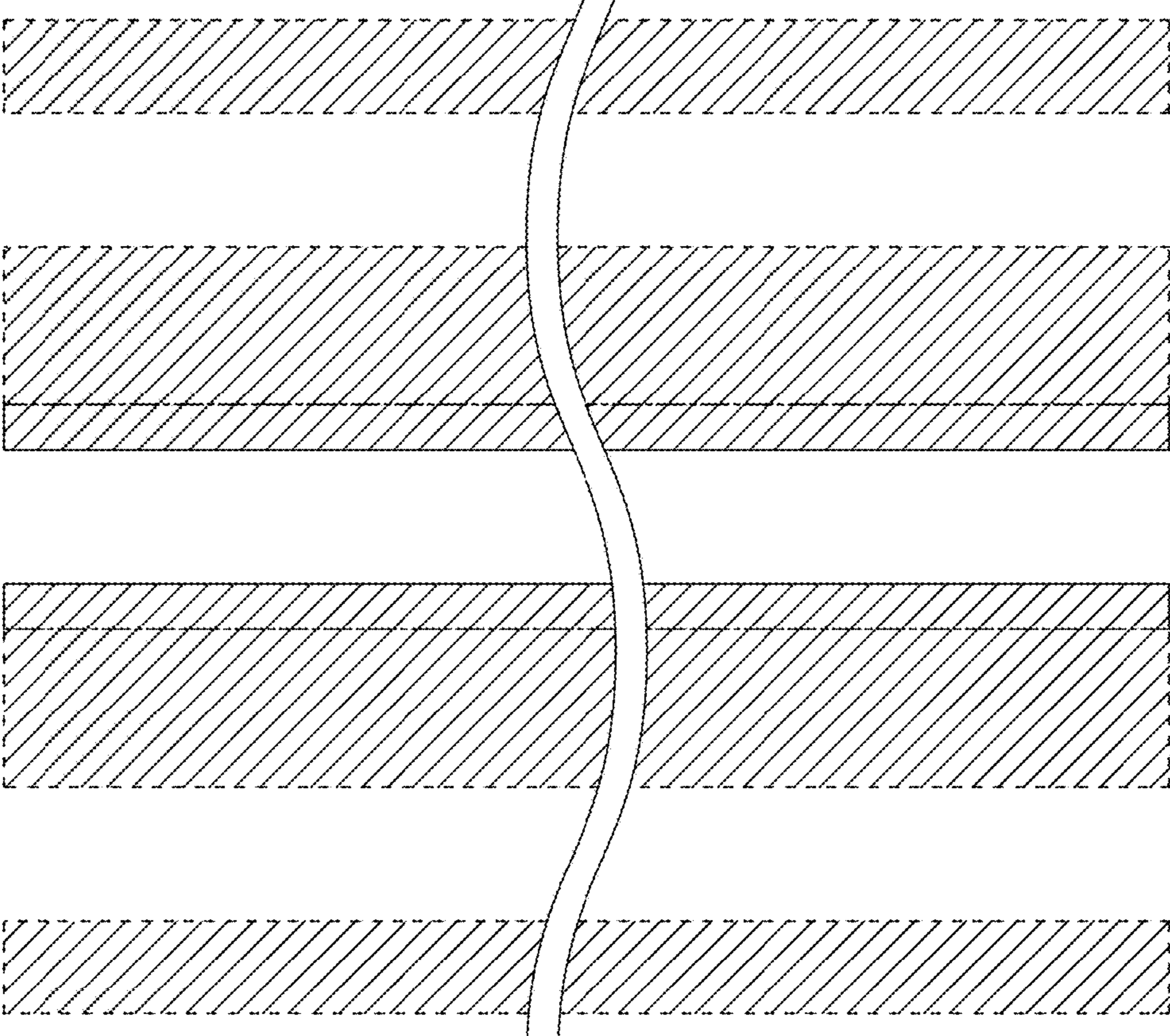




Fig. 7



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D835,768 S  
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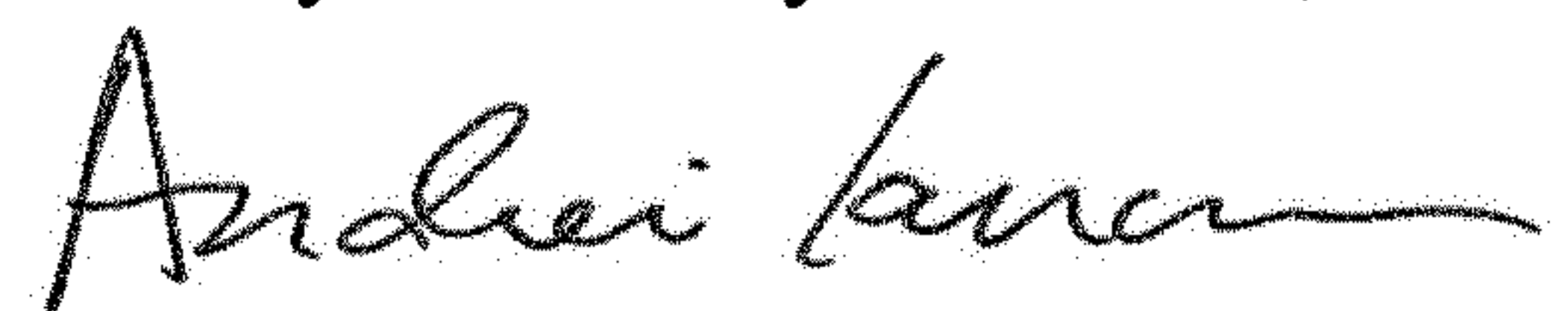
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Description, Lines 7-8:

Change: "FIG. 4 is a right view thereof, the left view thereof being a minor image;" to -- FIG. 4 is a right view thereof, the left view thereof being a mirror image; --

Signed and Sealed this  
Twenty-sixth Day of March, 2019



Andrei Iancu  
*Director of the United States Patent and Trademark Office*