

US00D507778S

(12) **United States Design Patent** (10) **Patent No.:** **US D507,778 S**
Fukunaga et al. (45) **Date of Patent:** **** Jul. 26, 2005**

(54) **PATTERN FOR PLANAR BATTERY ELECTRODES BASE**

(75) Inventors: **Hiroshi Fukunaga**, Osaka (JP); **Mitsuhiro Kishimi**, Osaka (JP); **Masao Morishima**, Osaka (JP); **Toshihiko Yamashita**, Osaka (JP)

(73) Assignees: **Hitachi Maxell Ltd.**, Osaka (JP); **Kushibe Manufacturing Co., Ltd.**, Osaka (JP)

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

(21) Appl. No.: **29/208,225**

(22) Filed: **Jun. 25, 2004**

(30) **Foreign Application Priority Data**

Dec. 25, 2003	(JP)	.....	2003-038077
Dec. 25, 2003	(JP)	.....	2003-038078
Dec. 25, 2003	(JP)	.....	2003-038079

(51) **LOC (8) Cl.** **13-02**

(52) **U.S. Cl.** **D13/121; D13/119**

(58) **Field of Search** **D13/121, 119; 429/233, 162, 146, 157, 152, 208, 209, 241, 243**

(56) **References Cited**

U.S. PATENT DOCUMENTS

669,240	A	*	3/1901	Hobel	.....	429/243
861,806	A	*	7/1907	Chronik	.....	429/243
D46,834	S	*	1/1915	Knobloch	.....	D13/121
1,323,720	A	*	12/1919	Pocock	.....	429/243
1,343,957	A	*	6/1920	Bickhart	.....	429/243
D56,923	S	*	1/1921	Martenheim	.....	D13/119
1,381,008	A	*	6/1921	Polk	.....	429/243
1,550,347	A	*	8/1925	Crissey	.....	429/239
2,069,463	A	*	2/1937	Rueb	.....	429/243
D332,082	S	*	12/1992	Cordes et al.	.....	D13/121
6,096,455	A	*	8/2000	Satake et al.	.....	429/241

* cited by examiner

Primary Examiner—Alan P. Douglas
Assistant Examiner—Susan M Lee
(74) *Attorney, Agent, or Firm*—Akin Gump Strauss Hauer & Feld, LLP

(57) **CLAIM**

The ornamental design for pattern for planar battery electrodes base, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a pattern for a planar battery electrodes base in accordance with our new design;
 FIG. 2 is a front elevational view thereof, a rear elevational view thereof being identical;
 FIG. 3 is a left-side elevational view thereof, a right-side elevational view thereof being identical;
 FIG. 4 is a top plan view thereof, a bottom plan view thereof being identical;
 FIG. 5 is an enlarged cross-sectional view taken along line 5—5 of FIG. 2;
 FIG. 6 is a greatly enlarged partial perspective view taken along line 6—6 of FIG. 1;
 FIG. 7 is a greatly enlarged partial perspective view taken along line 7—7 of FIG. 2;
 FIG. 8 is a greatly enlarged fragmentary view taken along line 8—8 of FIG. 3;
 FIG. 9 is a greatly enlarged fragmentary view taken along line 9—9 of FIG. 4;
 FIG. 10 is a greatly enlarged fragmentary view taken along line 10—10 of FIG. 5;
 FIG. 11 is a perspective view of a pattern for a planar battery electrodes base in accordance with a second embodiment of our new design;
 FIG. 12 is a front elevational view thereof;
 FIG. 13 is a rear elevational view thereof;
 FIG. 14 is a left-side elevational view thereof, a right-side elevational view thereof being identical;
 FIG. 15 is a top plan view thereof, a bottom plan view thereof being identical;
 FIG. 16 is an enlarged cross-sectional view taken along line 16—16 of FIG. 12;
 FIG. 17 is a greatly enlarged partial perspective view taken along line 17—17 of FIG. 11;

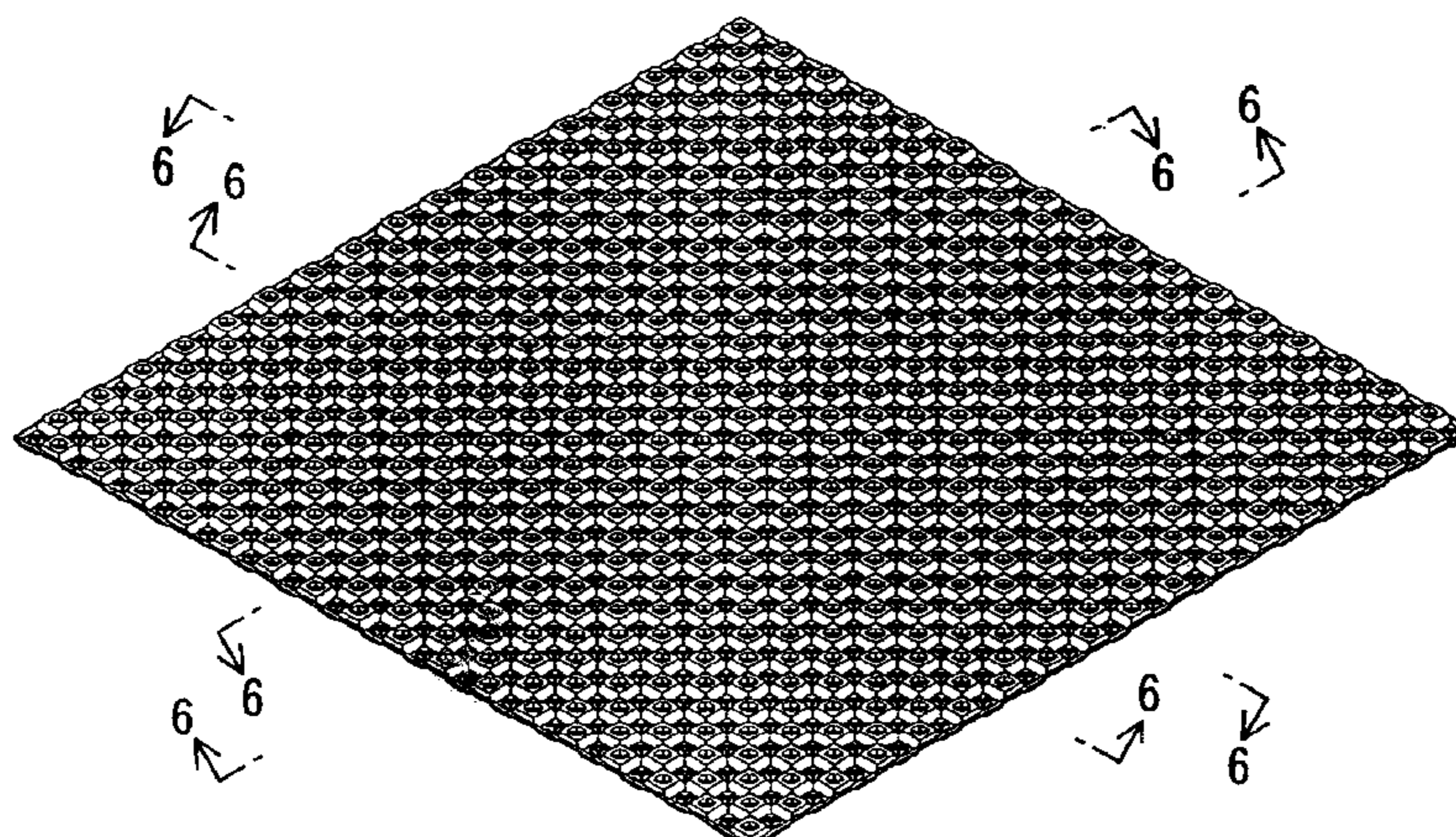


FIG. 18 is a greatly enlarged partial perspective view taken along line 18—18 of FIG. 12;

FIG. 19 is a greatly enlarged fragmentary view taken along line 19—19 of FIG. 13;

FIG. 20 is a greatly enlarged fragmentary view taken along line 20—20 of FIG. 14;

FIG. 21 is a greatly enlarged fragmentary view taken along line 21—21 of FIG. 15;

FIG. 22 is a greatly enlarged fragmentary view taken along line 22—22 in FIG. 16;

FIG. 23 is a perspective view of a pattern for a planar battery electrodes base in accordance with a third embodiment of our new design;

FIG. 24 is a front elevational view thereof;

FIG. 25 is a rear elevational view thereof;

FIG. 26 is a left-side elevational view thereof, a right-side elevational view thereof being identical;

FIG. 27 is a top plan view thereof, a bottom plan view thereof being identical;

FIG. 28 is an enlarged cross-sectional view taken along line 28—28 of FIG. 24;

FIG. 29 is a greatly enlarged partial perspective view taken along line 29—29 of FIG. 23;

FIG. 30 is a greatly enlarged partial perspective view taken along line 30—30 of FIG. 24;

FIG. 31 is a greatly enlarged fragmentary view taken along line 31—31 of FIG. 25;

FIG. 32 is a greatly enlarged fragmentary view taken along line 32—32 of FIG. 26;

FIG. 33 is a greatly enlarged fragmentary view taken along line 33—33 of FIG. 27; and,

FIG. 34 is a greatly enlarged fragmentary view taken along line 34—34 in FIG. 28.

1 Claim, 20 Drawing Sheets

Fig. 1

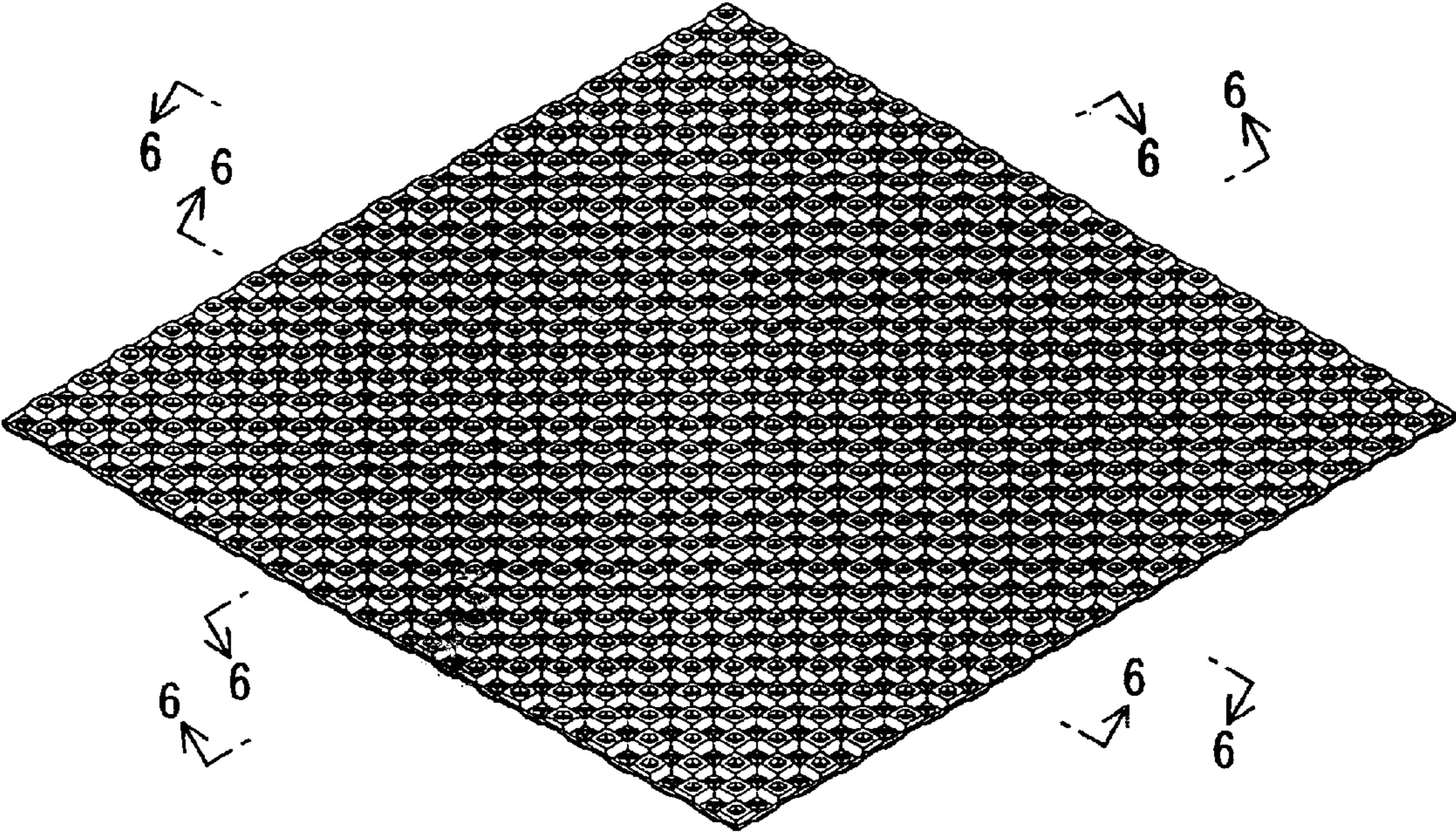


Fig. 2

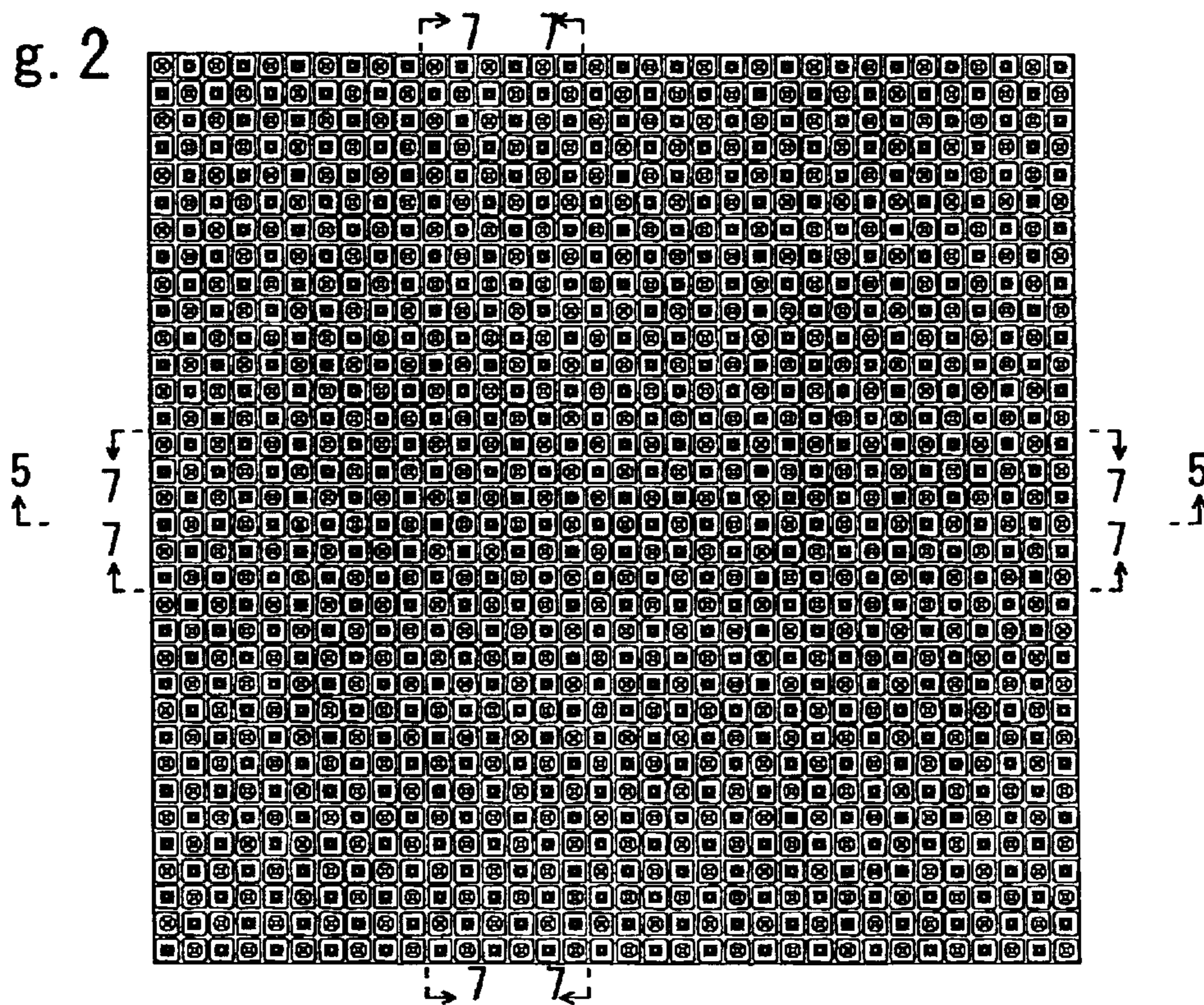


Fig. 3

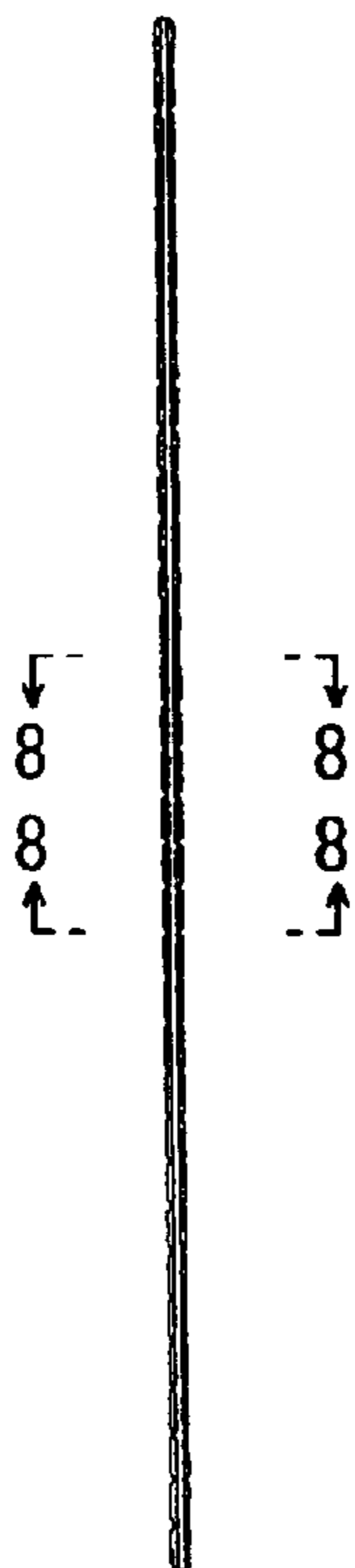


Fig. 4

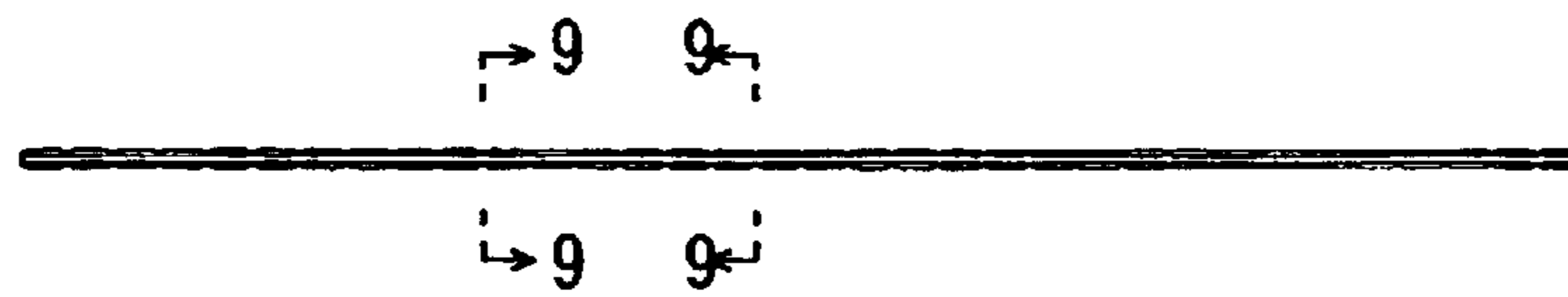


Fig. 5

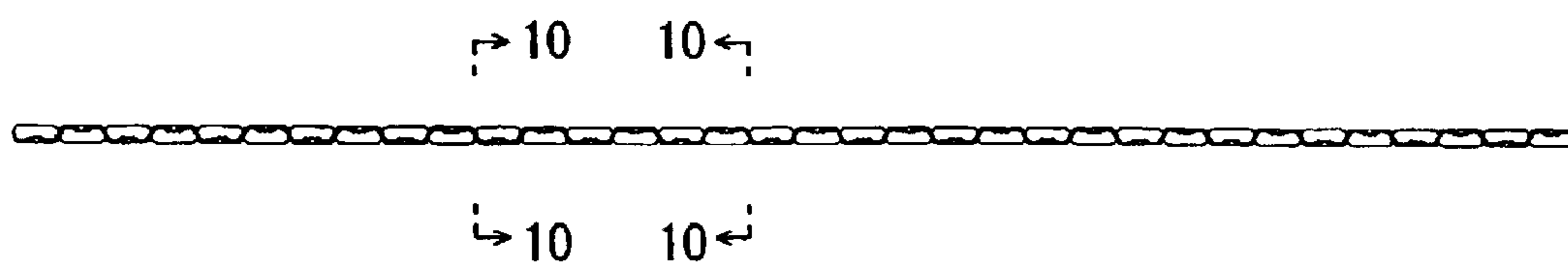


Fig. 6

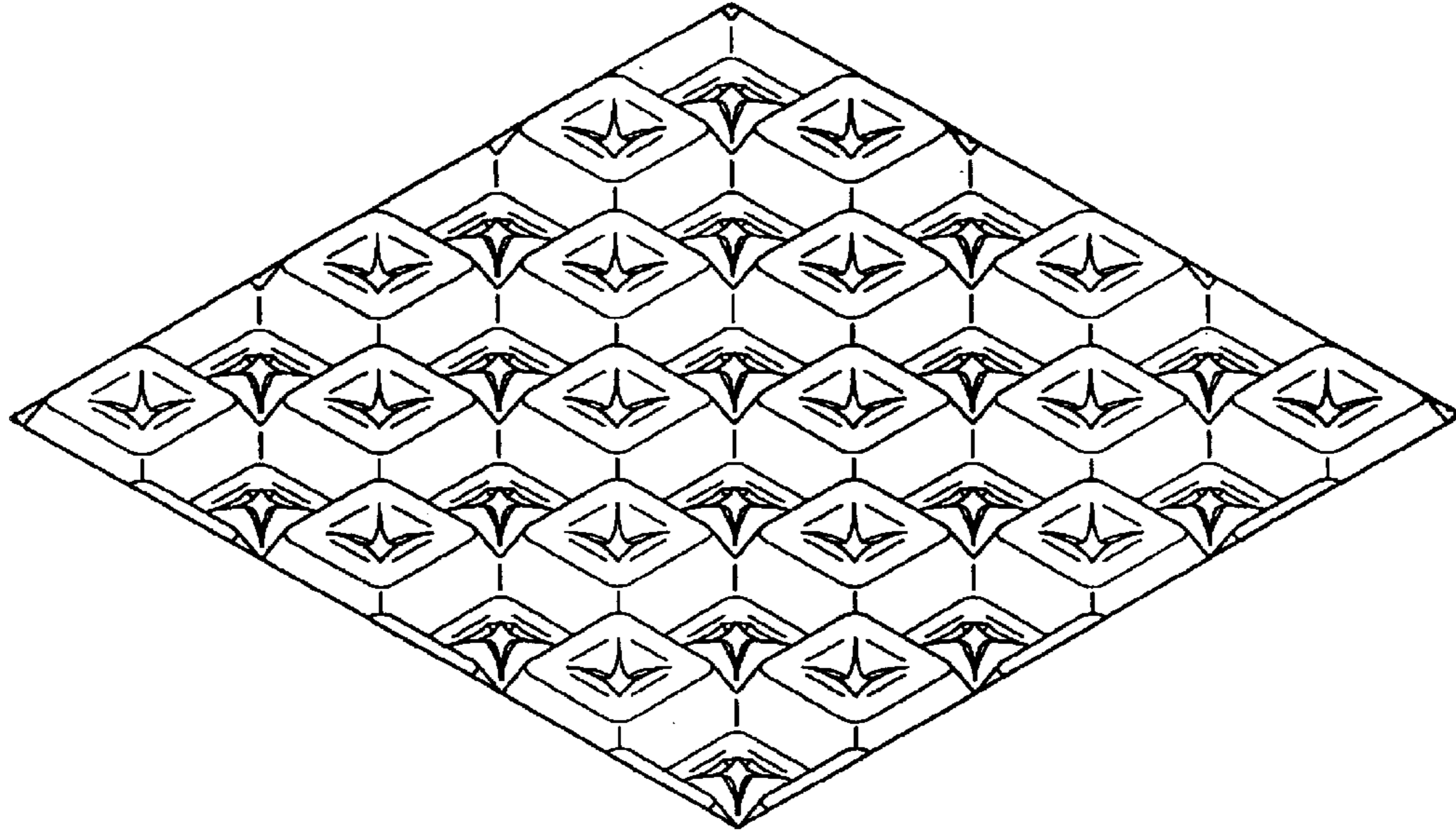


Fig. 7

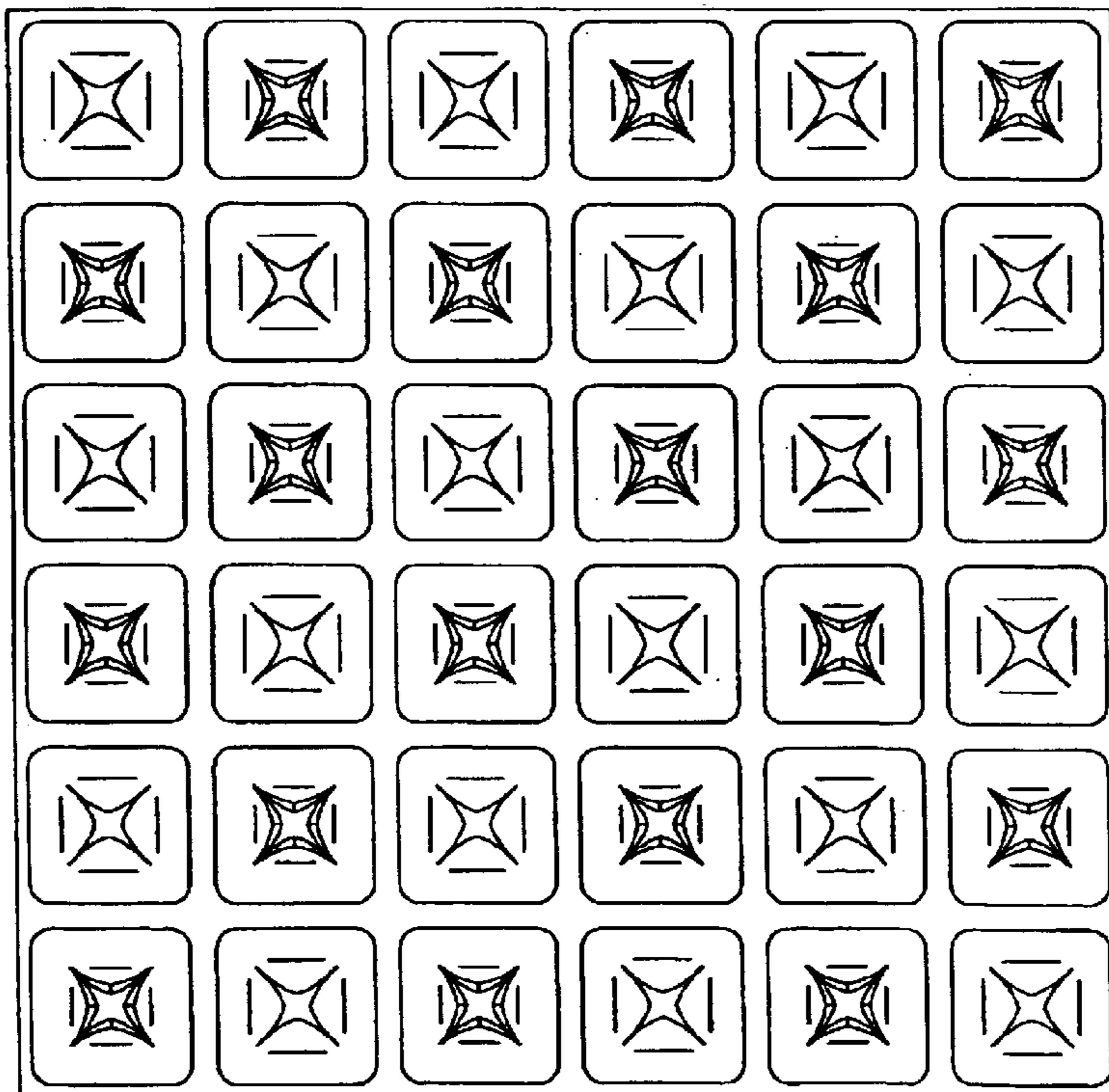


Fig. 8



Fig. 9



Fig. 10



Fig. 11

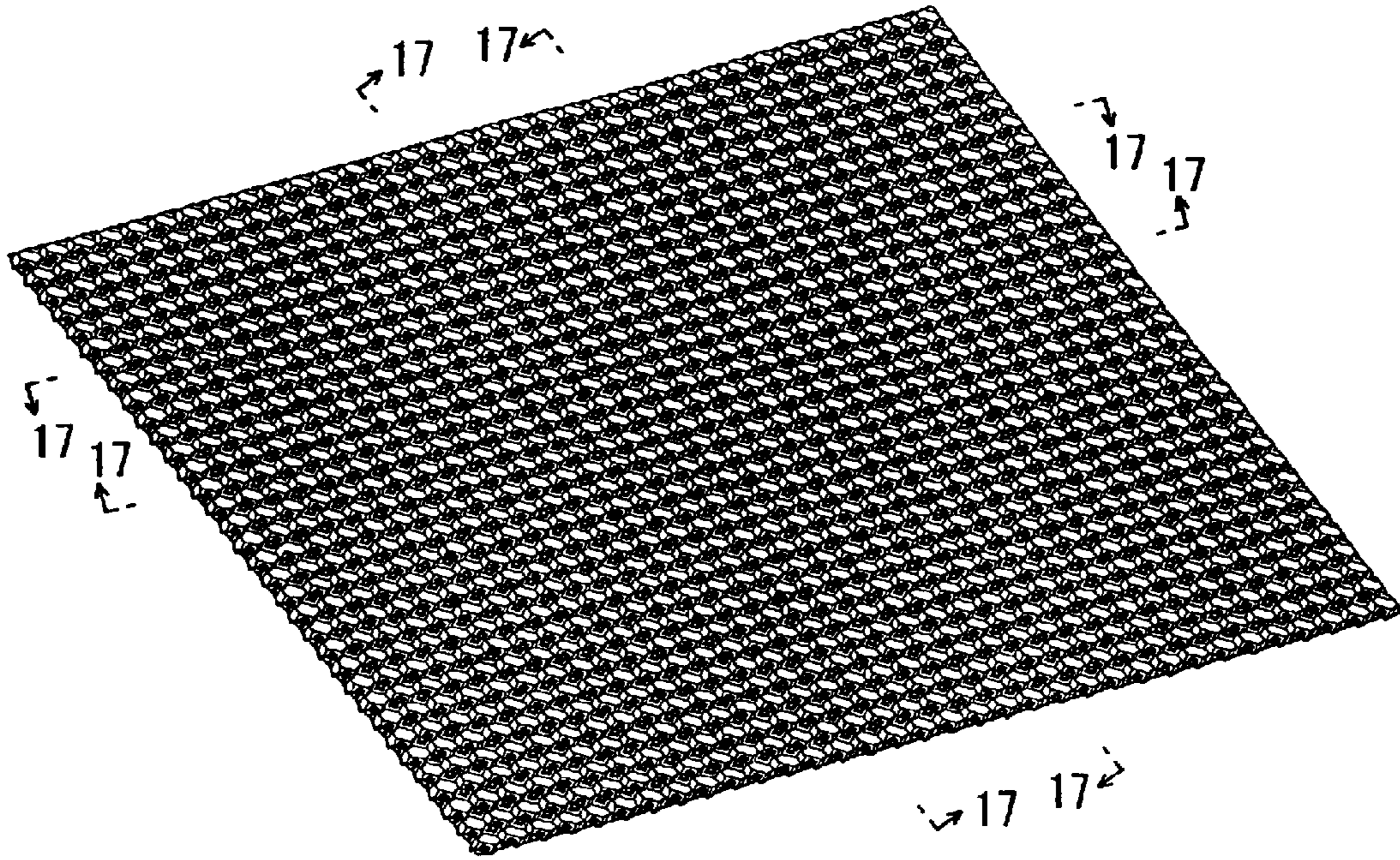


Fig. 12

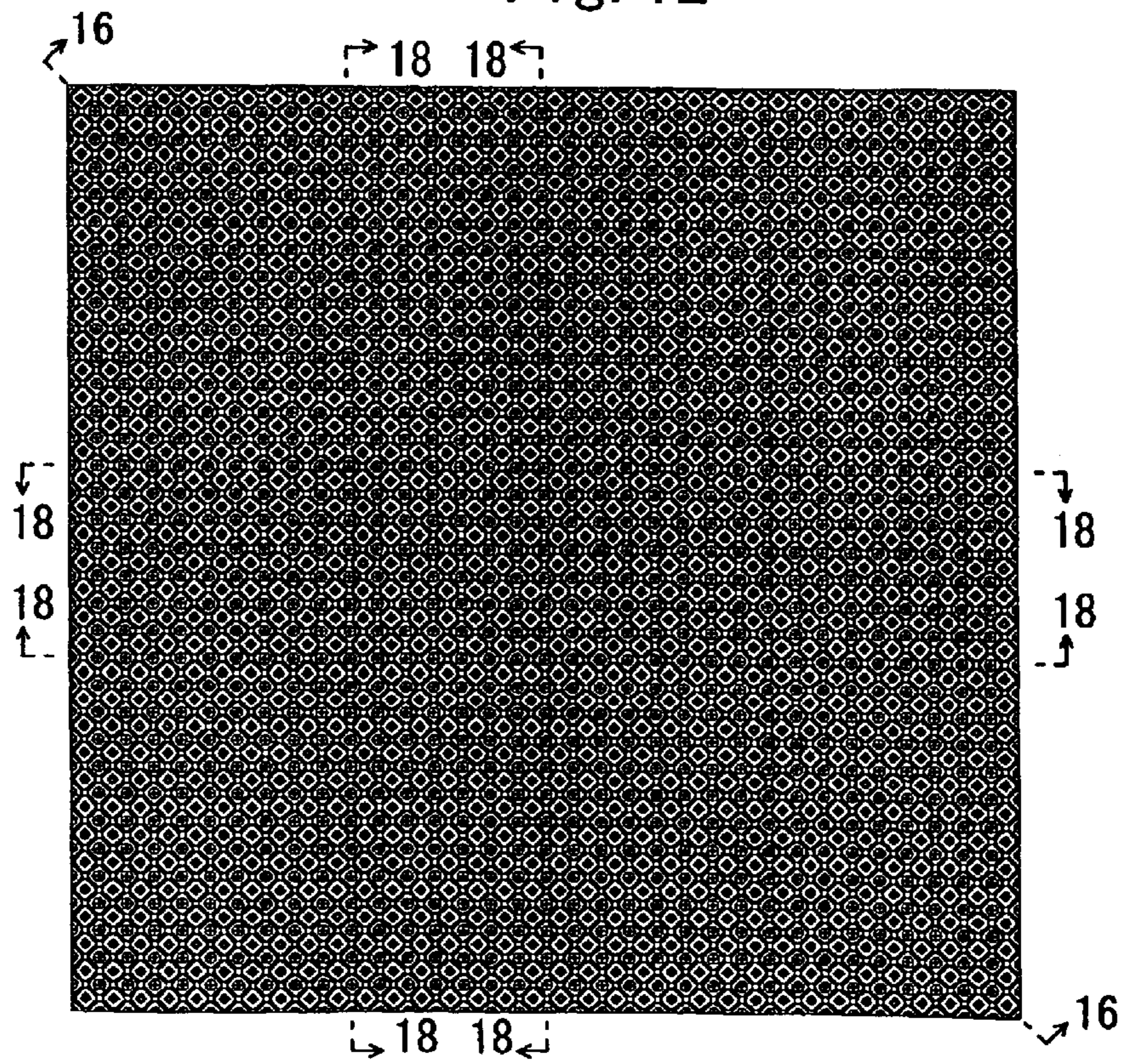


Fig. 13

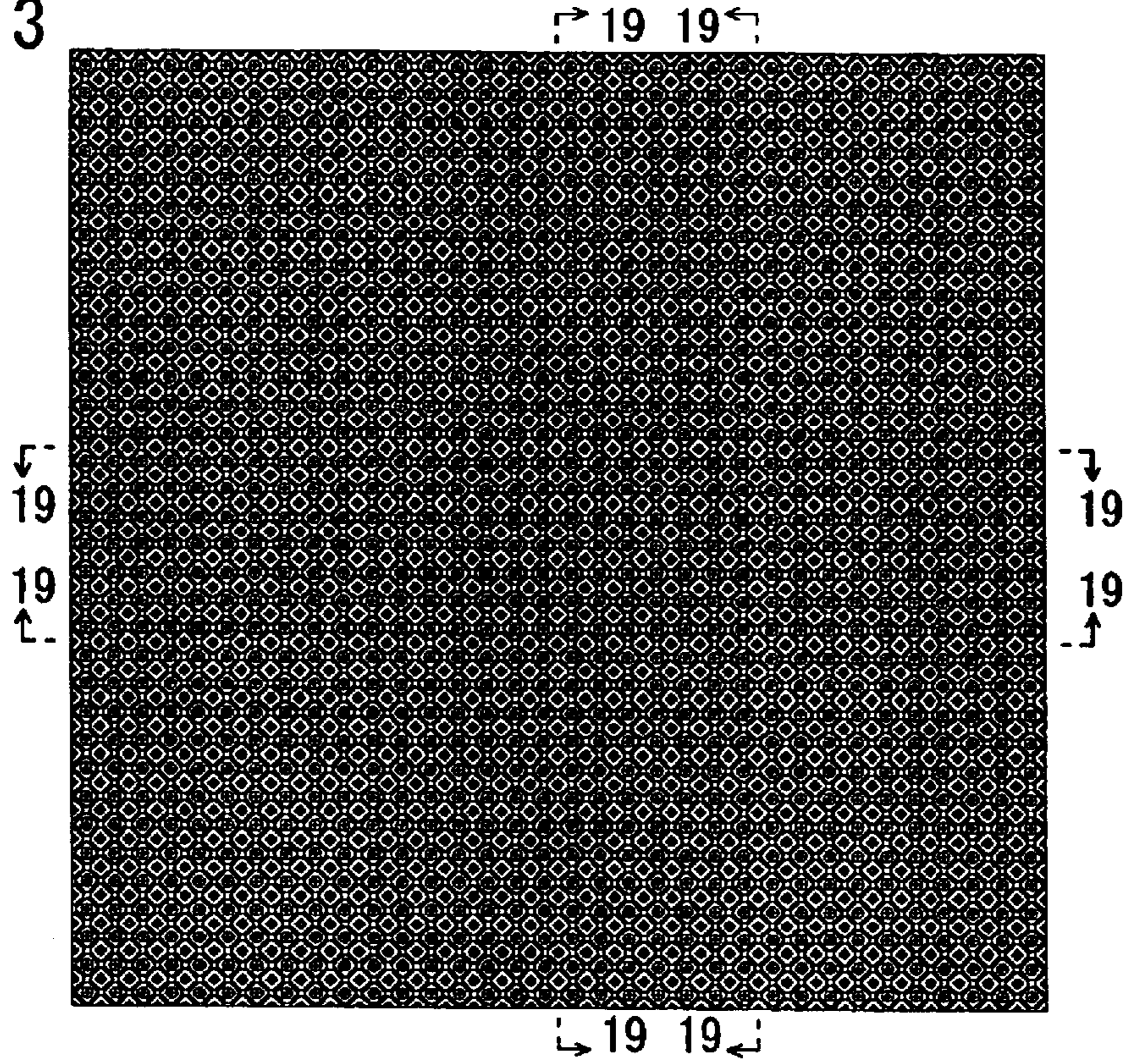


Fig. 14

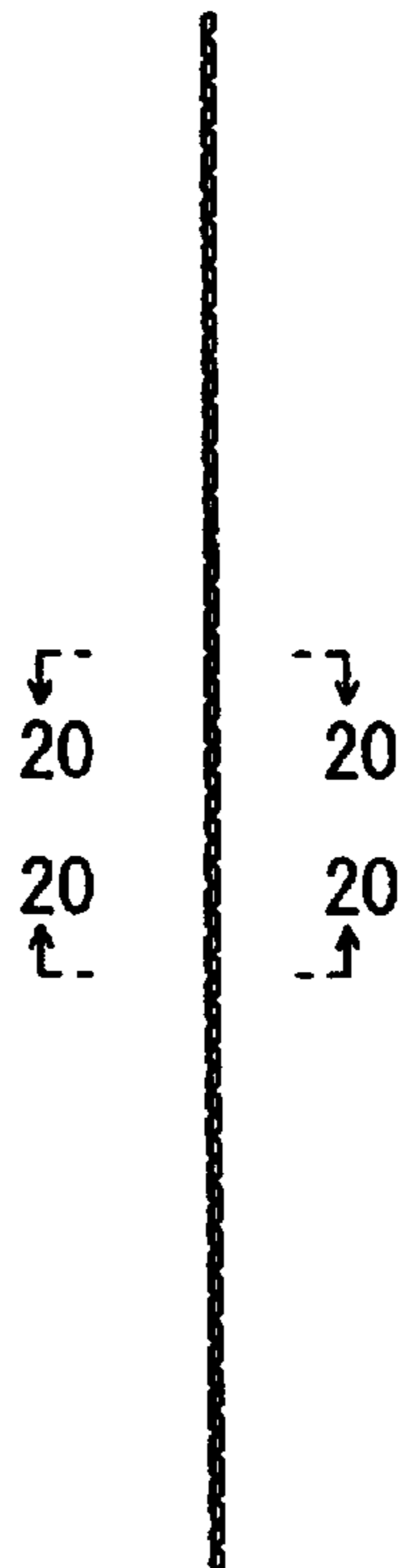


Fig. 15

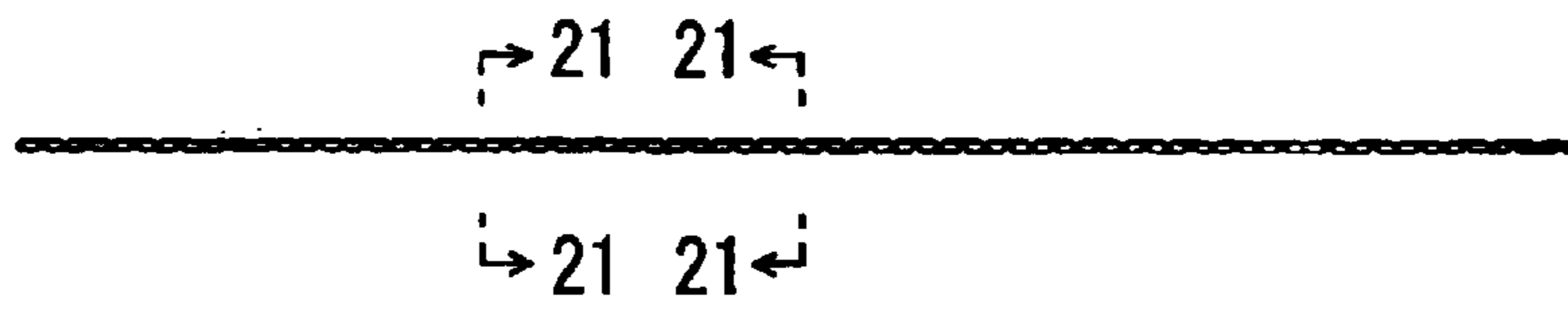


Fig. 16

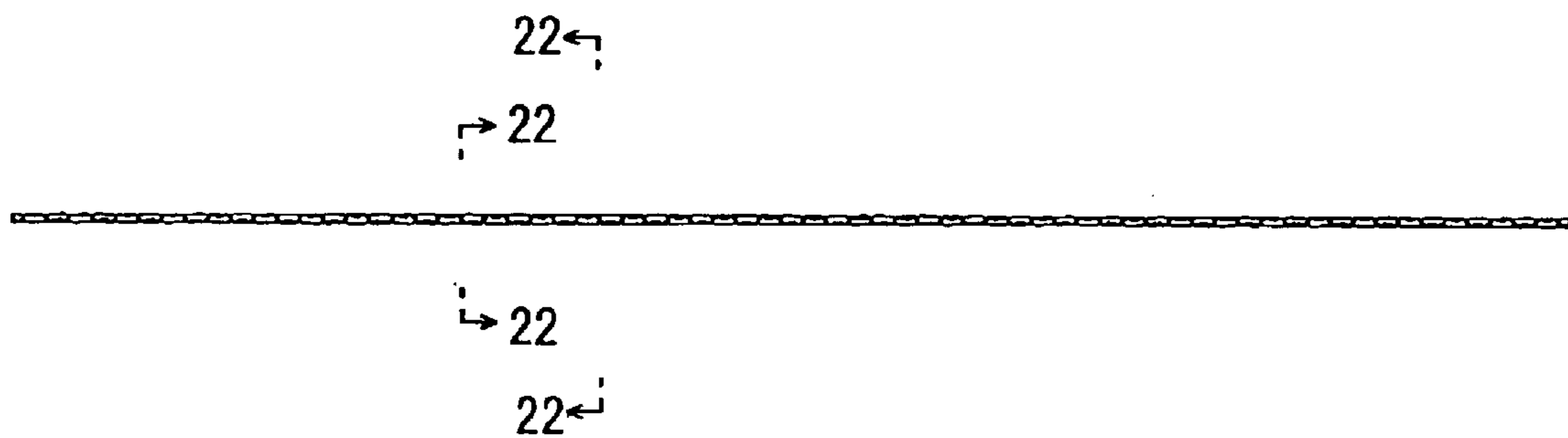


Fig. 17

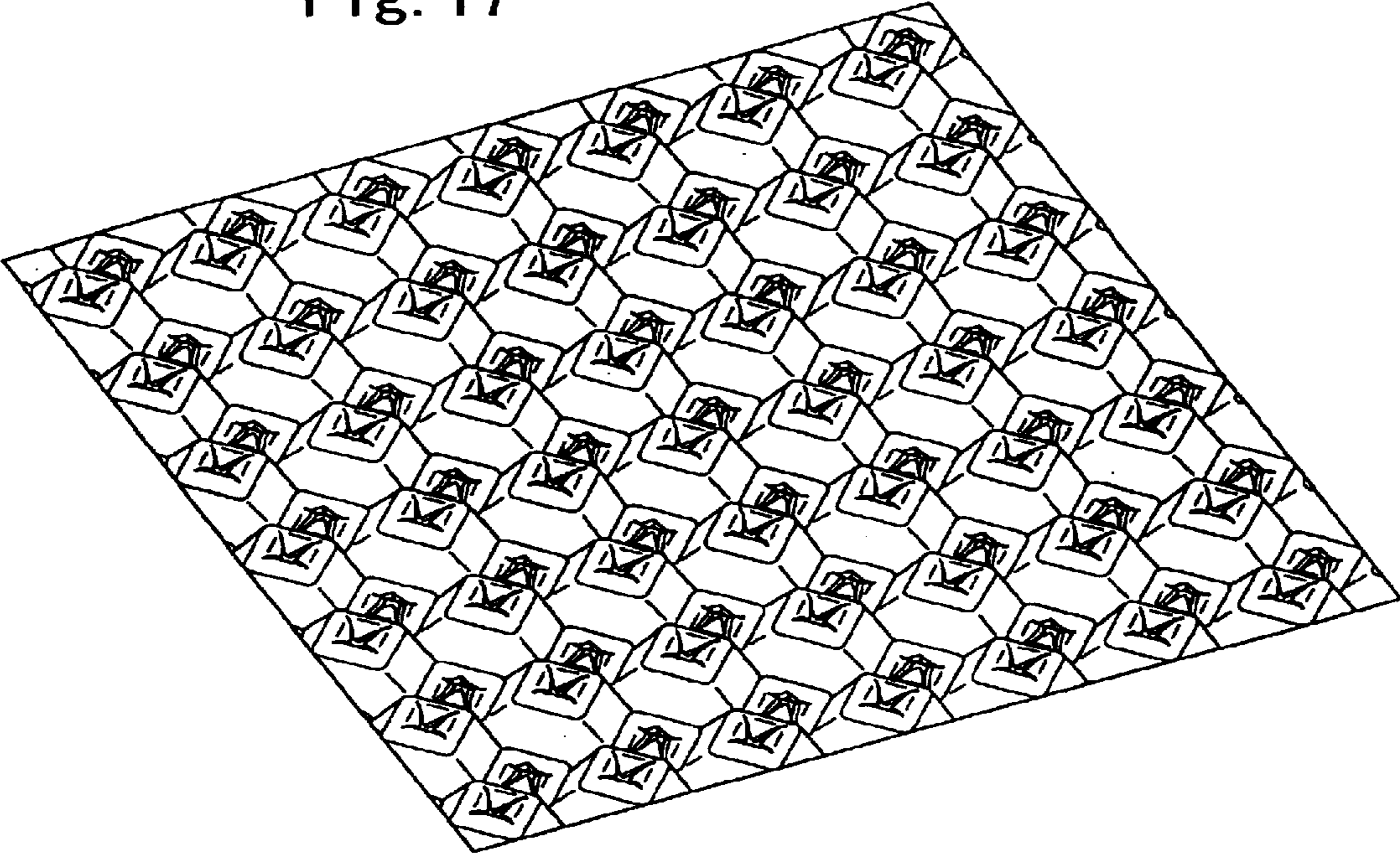


Fig. 18

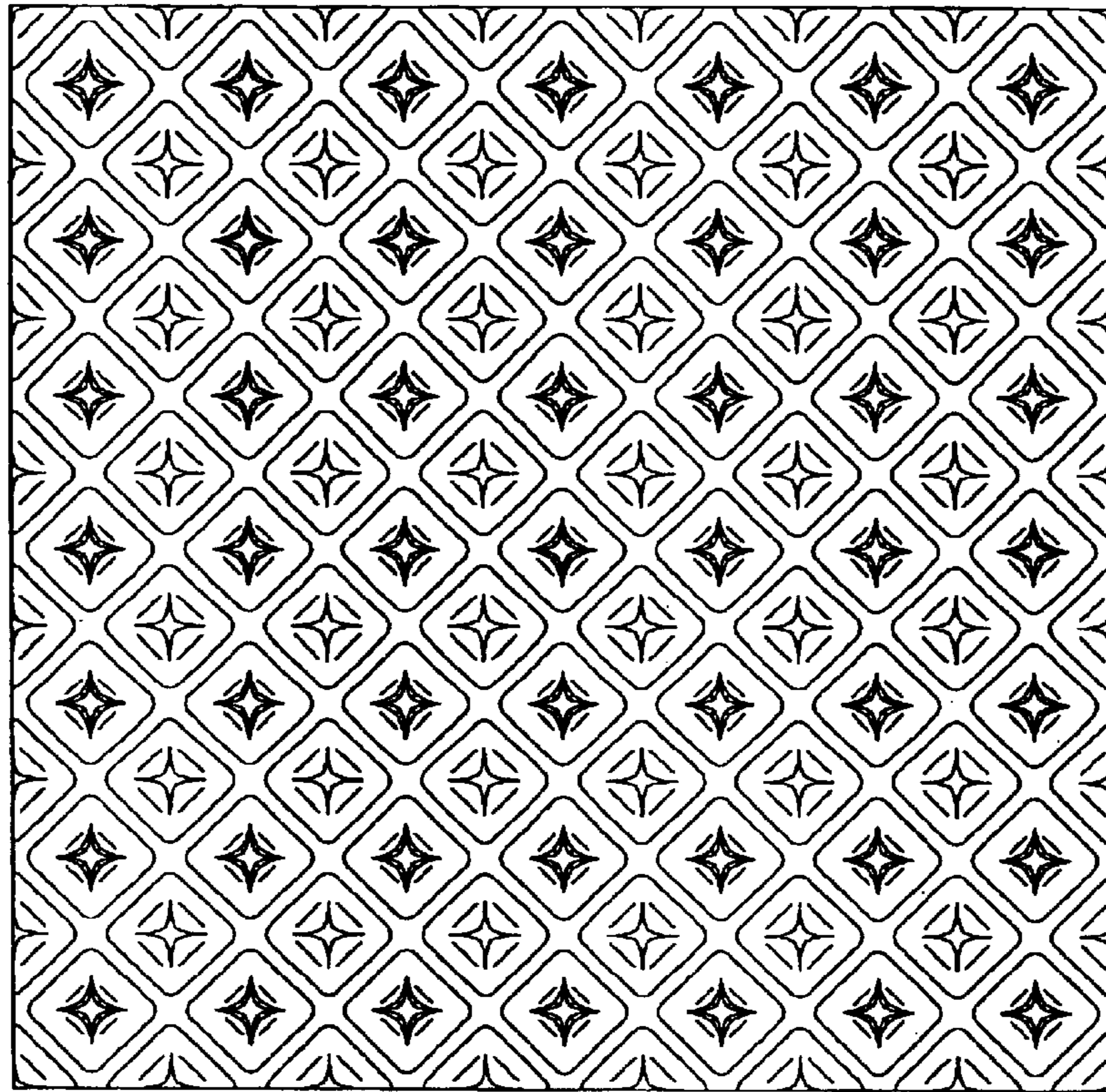


Fig. 19

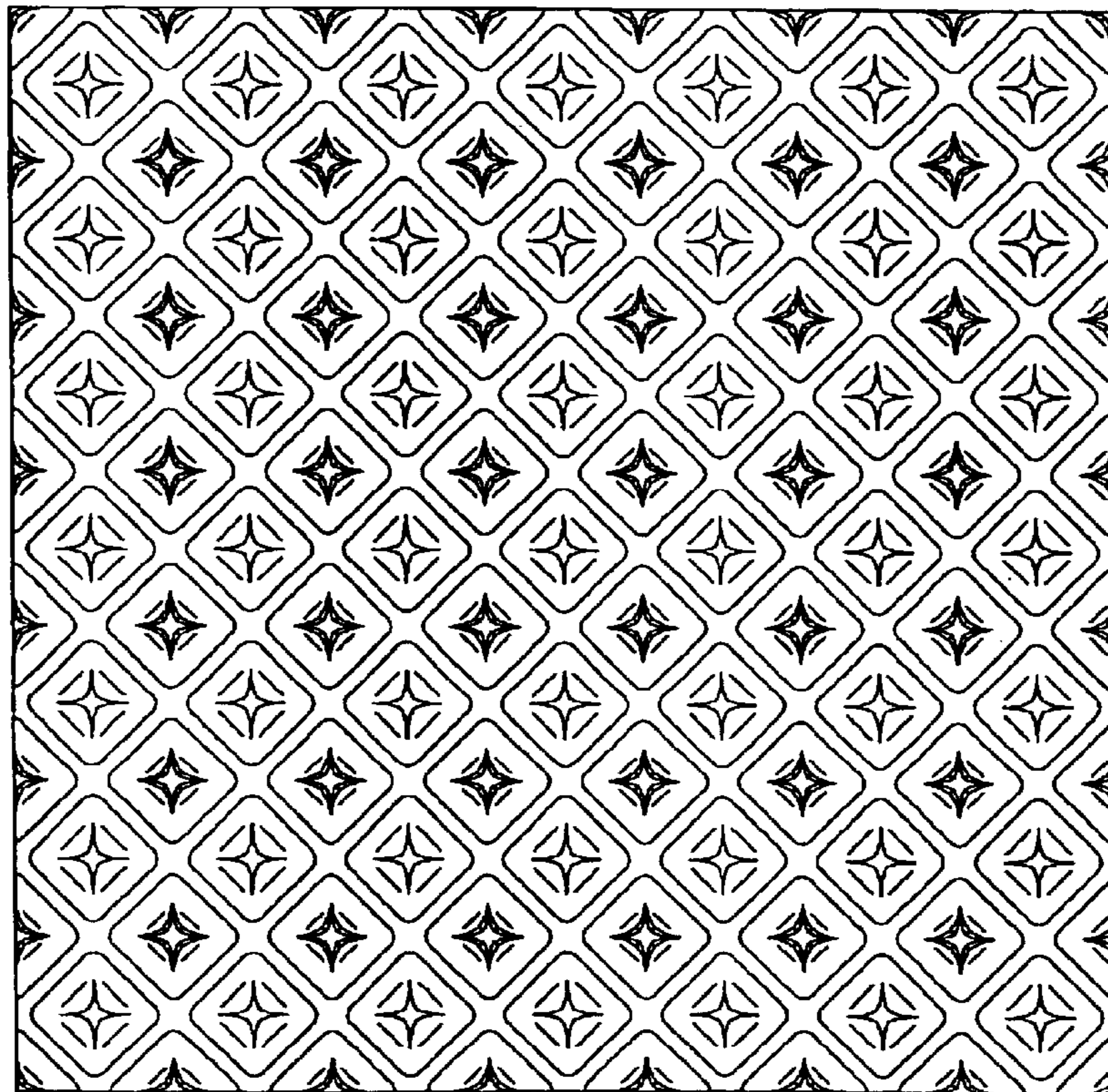


Fig. 20



Fig. 21



Fig. 22



Fig. 23

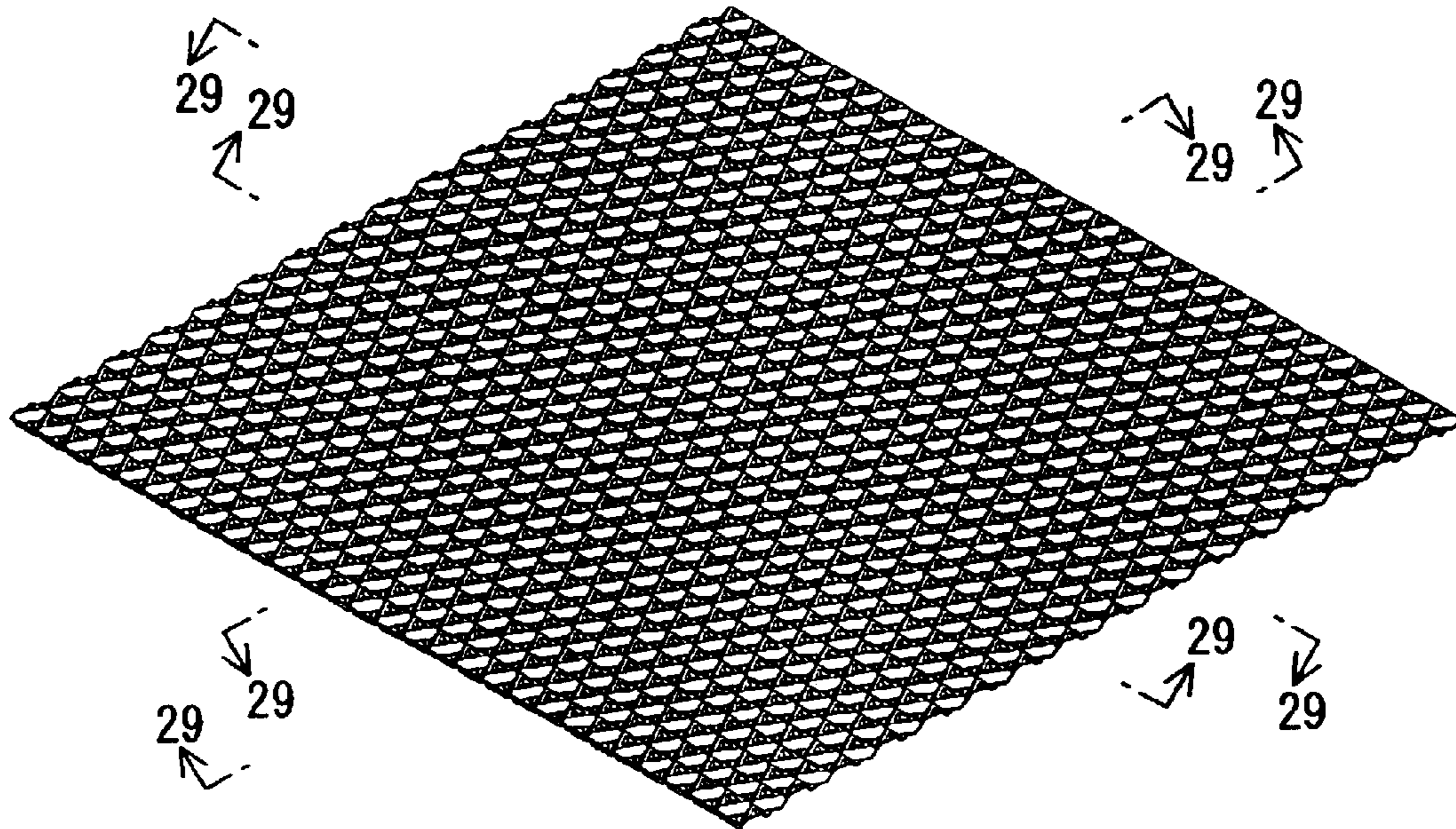


Fig. 24

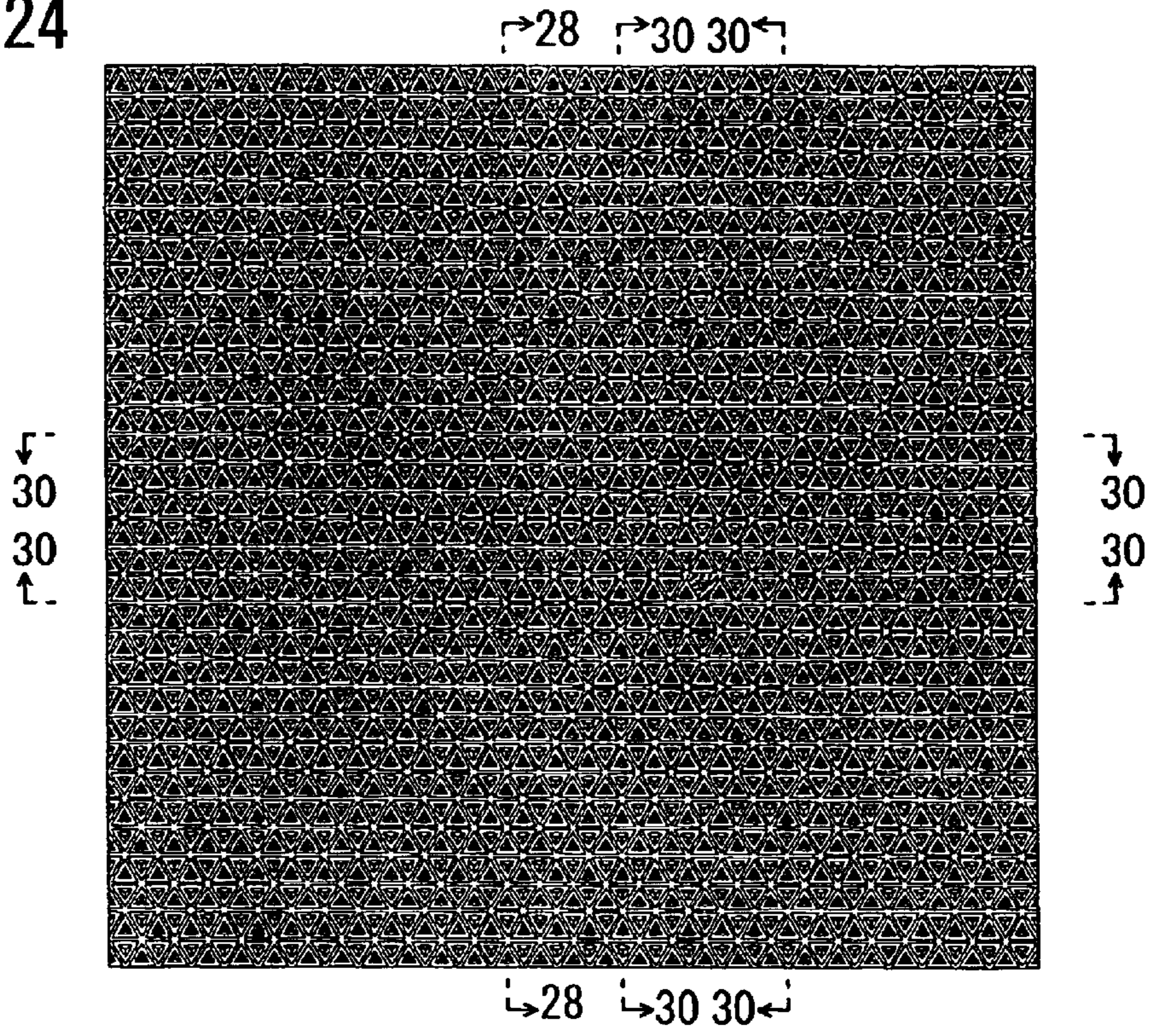


Fig. 25

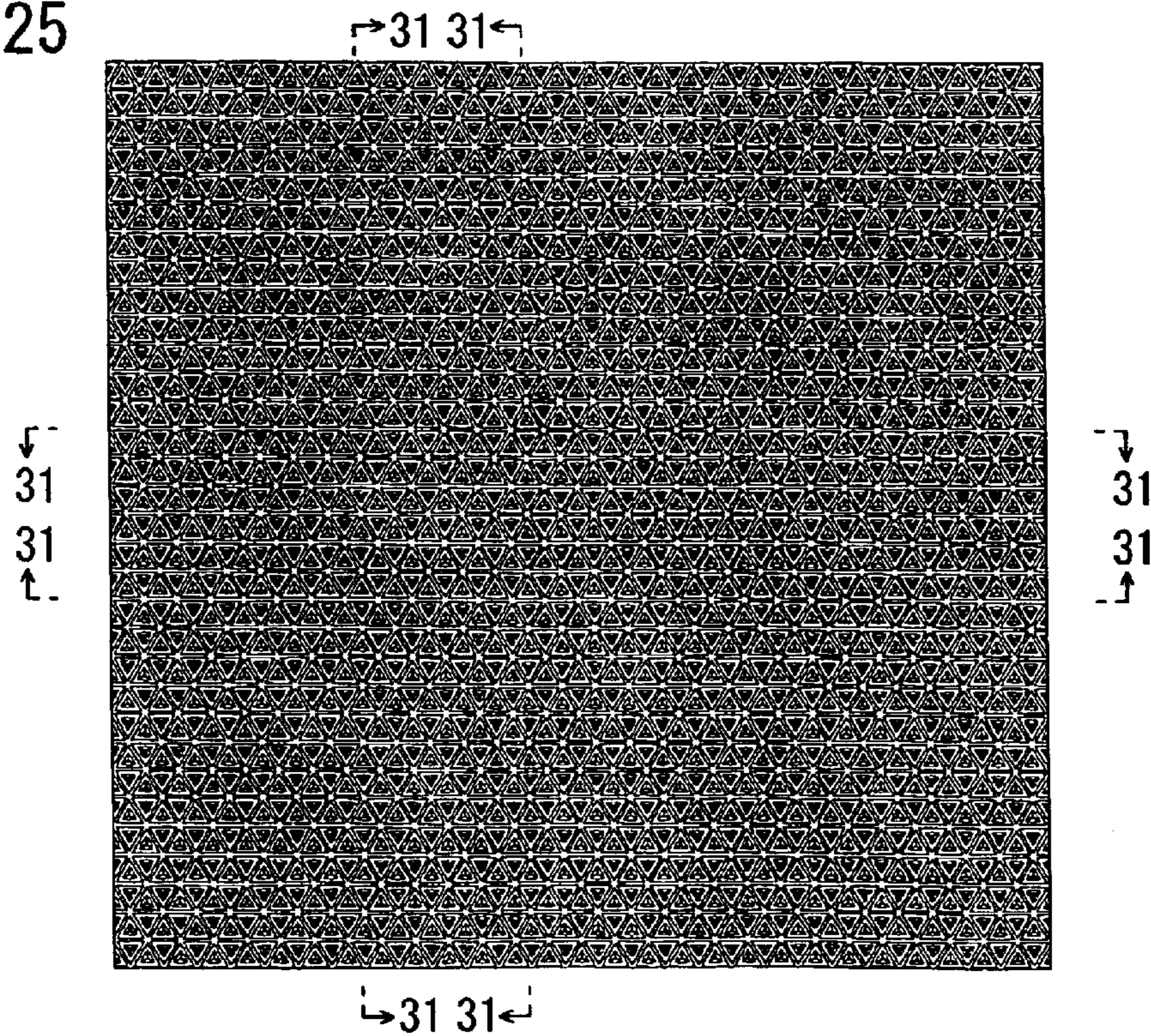


Fig. 26

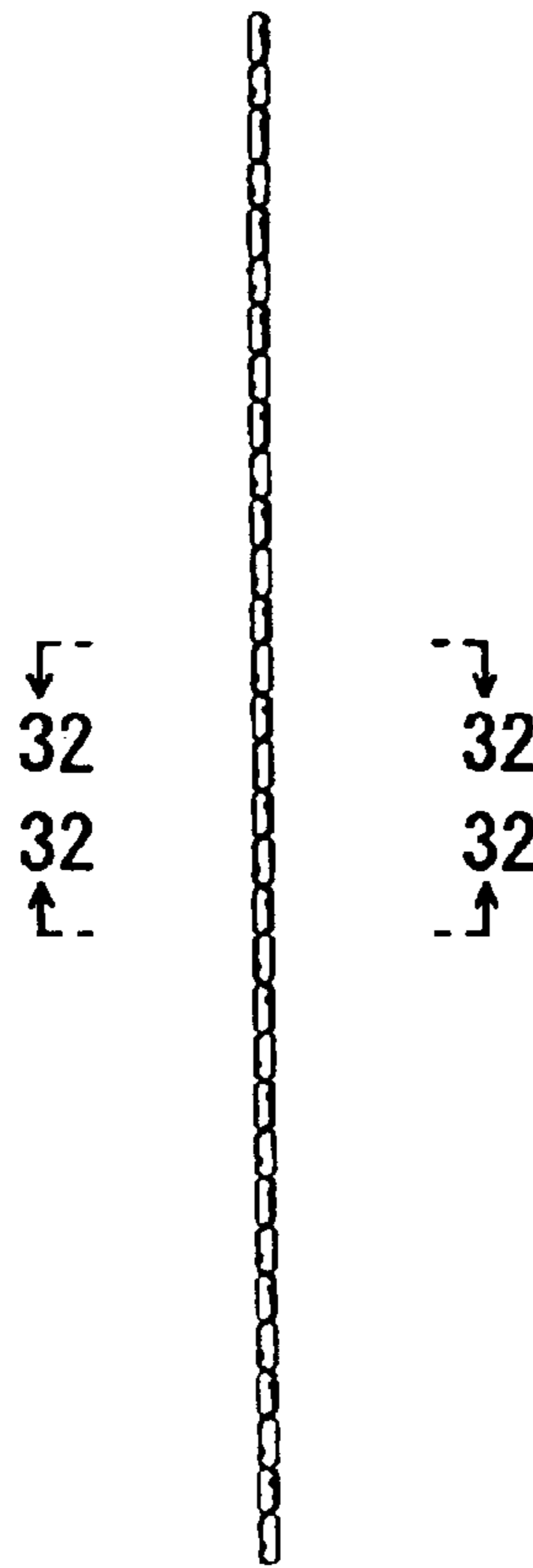


Fig. 27

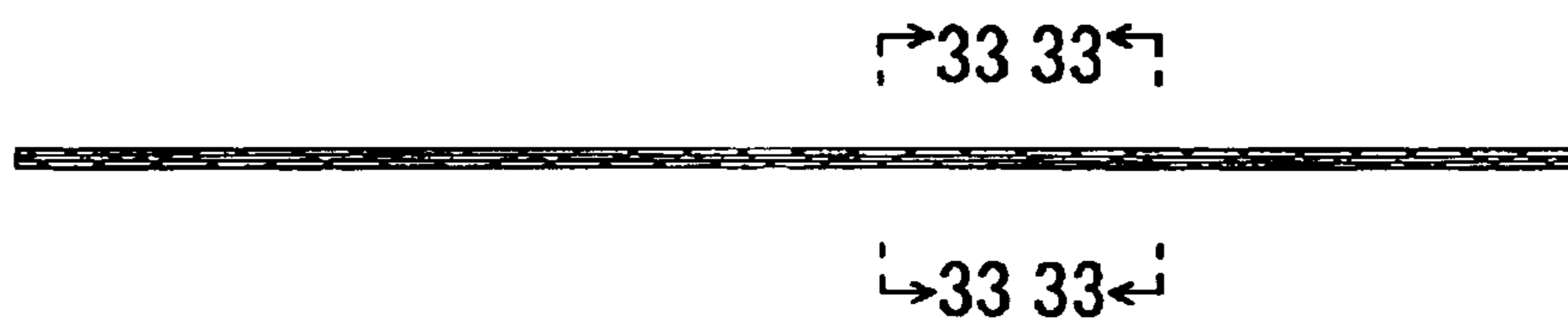


Fig. 28

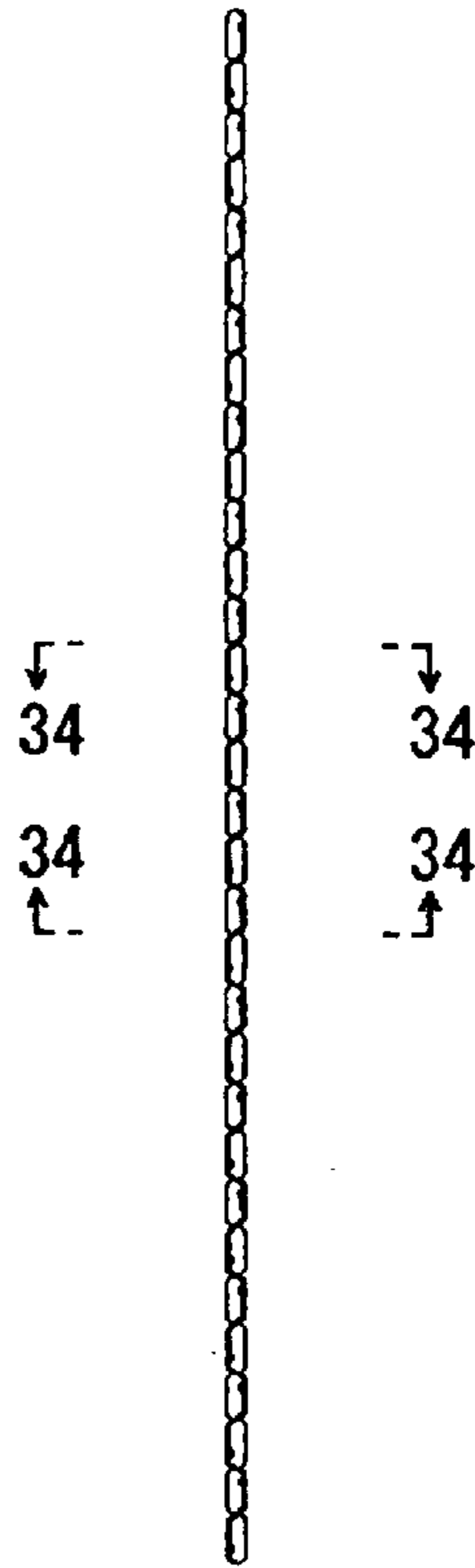


Fig. 29

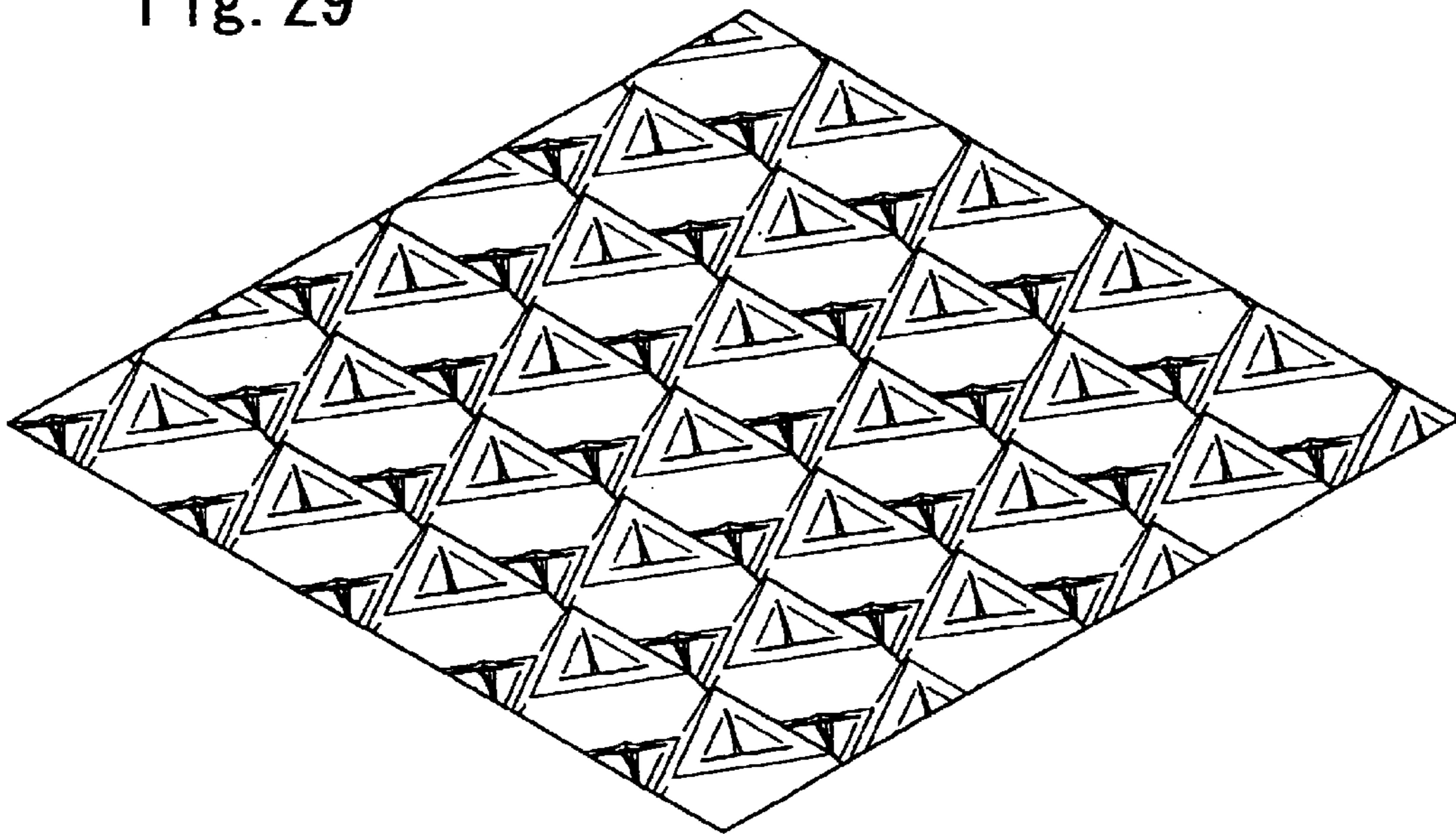


Fig. 30

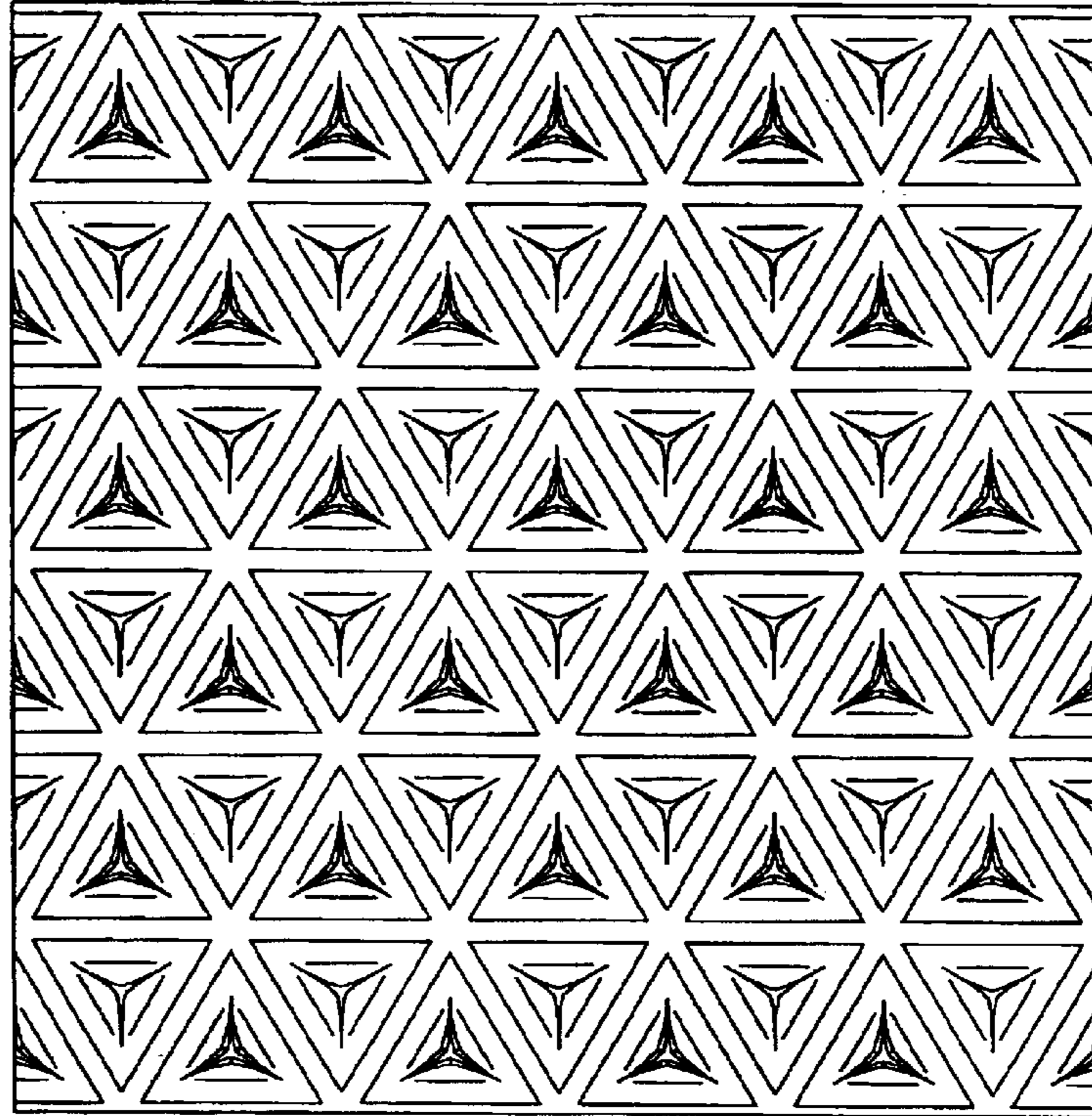


Fig. 31

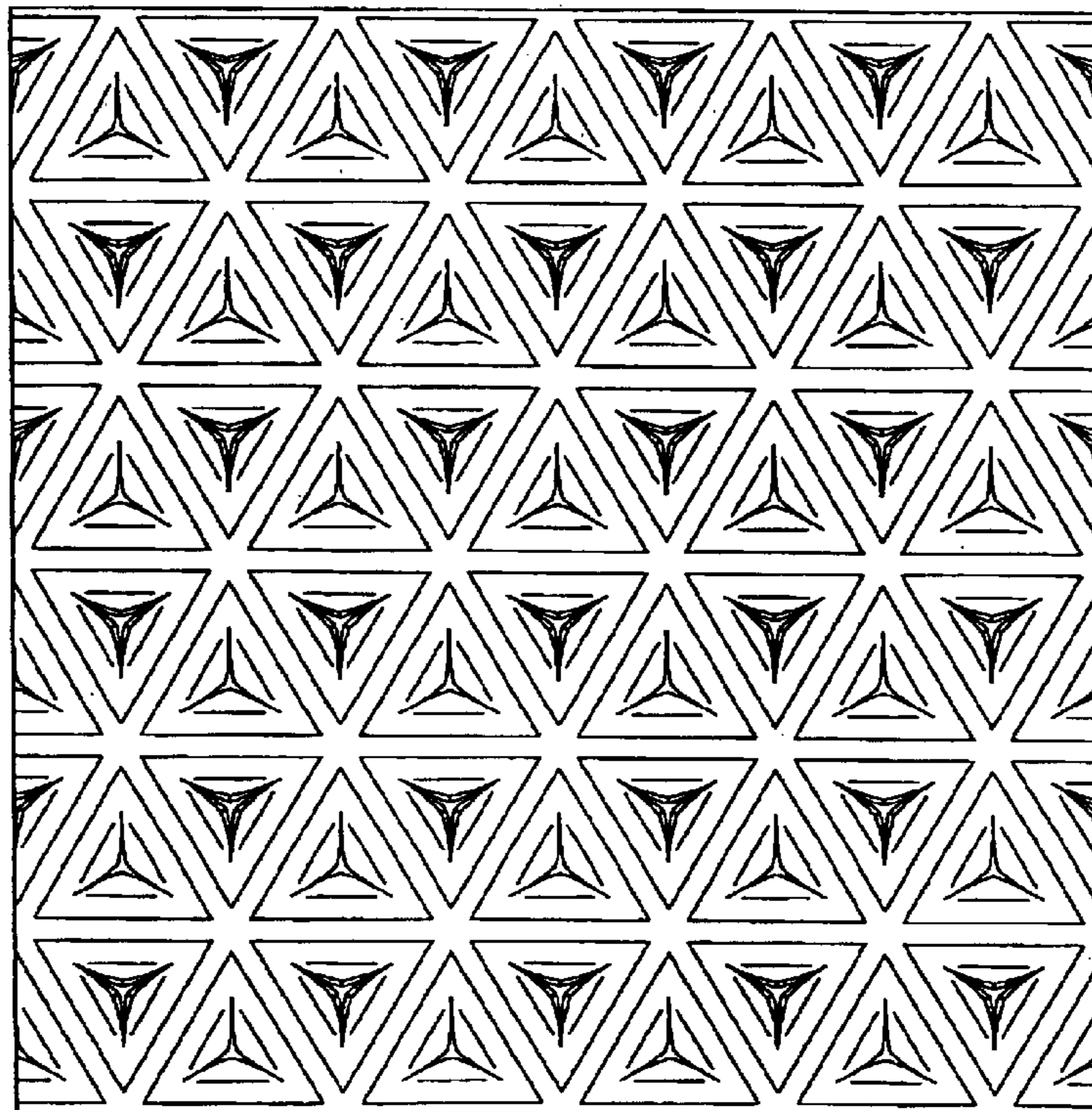


Fig. 32



Fig. 33



Fig. 34

