



US00D440772S

(12) **United States Design Patent** (10) **Patent No.:** **US D440,772 S**
Visel (45) **Date of Patent:** **** Apr. 24, 2001**

(54) **FILTER MATERIAL**

(75) Inventor: **Uwe Visel**, Birkenau (DE)

(73) Assignee: **Carl Freudenberg**, Weinheim (DE)

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

(21) Appl. No.: **29/118,962**

(22) Filed: **Feb. 18, 2000**

(30) **Foreign Application Priority Data**

Aug. 20, 1999 (DE) 4 99 07 689

(51) **LOC (7) Cl.** **05-06**

(52) **U.S. Cl.** **D5/53**

(58) **Field of Search** D2/749, 883, 889,
D2/980, 984, 994; D5/1, 2, 25, 37, 47,
49, 52-54, 56-58, 61-63, 99; D6/613;
D23/365; D24/124; D25/142; 428/154,
156, 171, 187, 199, 542.2, 542.6, 904.4

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 34,028	*	2/1901	Ault	.....	D5/47
D. 114,051	*	3/1939	Winkel	.....	D5/53
D. 384,820	*	10/1997	Choi	.....	D5/63
D. 429,074	*	8/2000	Hurst et al.	.....	D5/53
673,041	*	4/1901	Ault	.....	D5/47 X
1,441,327	*	1/1923	Blum	.....	D5/53 X
2,834,809	*	5/1958	Schutte et al.	.....	264/285
2,858,247	*	10/1958	De Swart	.....	154/45.9
2,878,553	*	3/1959	Hirsch	.....	D5/53 X
3,190,412	*	6/1965	Rutter et al.	.....	428/156
4,483,728	*	11/1984	Bauernfeind	.....	428/156
4,999,235	*	3/1991	Lunn et al.	.....	428/156
5,202,180	*	4/1993	Watts	.....	428/324

OTHER PUBLICATIONS

Plaid—34% Open Grille Pattern, The Harrington & King Perforating Co. Catalog, p. 141, Dec. 1982.*

* cited by examiner

Primary Examiner—Robert M. Spear
(74) *Attorney, Agent, or Firm*—Fulbright & Jaworski L.L.P.

(57) **CLAIM**

The ornamental design for a filter material, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a filter material showing our new design;

FIG. 2 is a cross-sectional view thereof, taken along line 2—2 of FIG. 1;

FIG. 3 is a front view of a second embodiment of our new design;

FIG. 4 is a cross-sectional view thereof, taken along line 4—4 of FIG. 3;

FIG. 5 is a front view of a third embodiment of our new design;

FIG. 6 is a cross-sectional view thereof, taken along line 6—6 of FIG. 5;

FIG. 7 is a front view of a fourth embodiment of our new design;

FIG. 8 is a cross-sectional view thereof, taken along line 8—8 of FIG. 7;

FIG. 9 is a front view of a fifth embodiment of our new design;

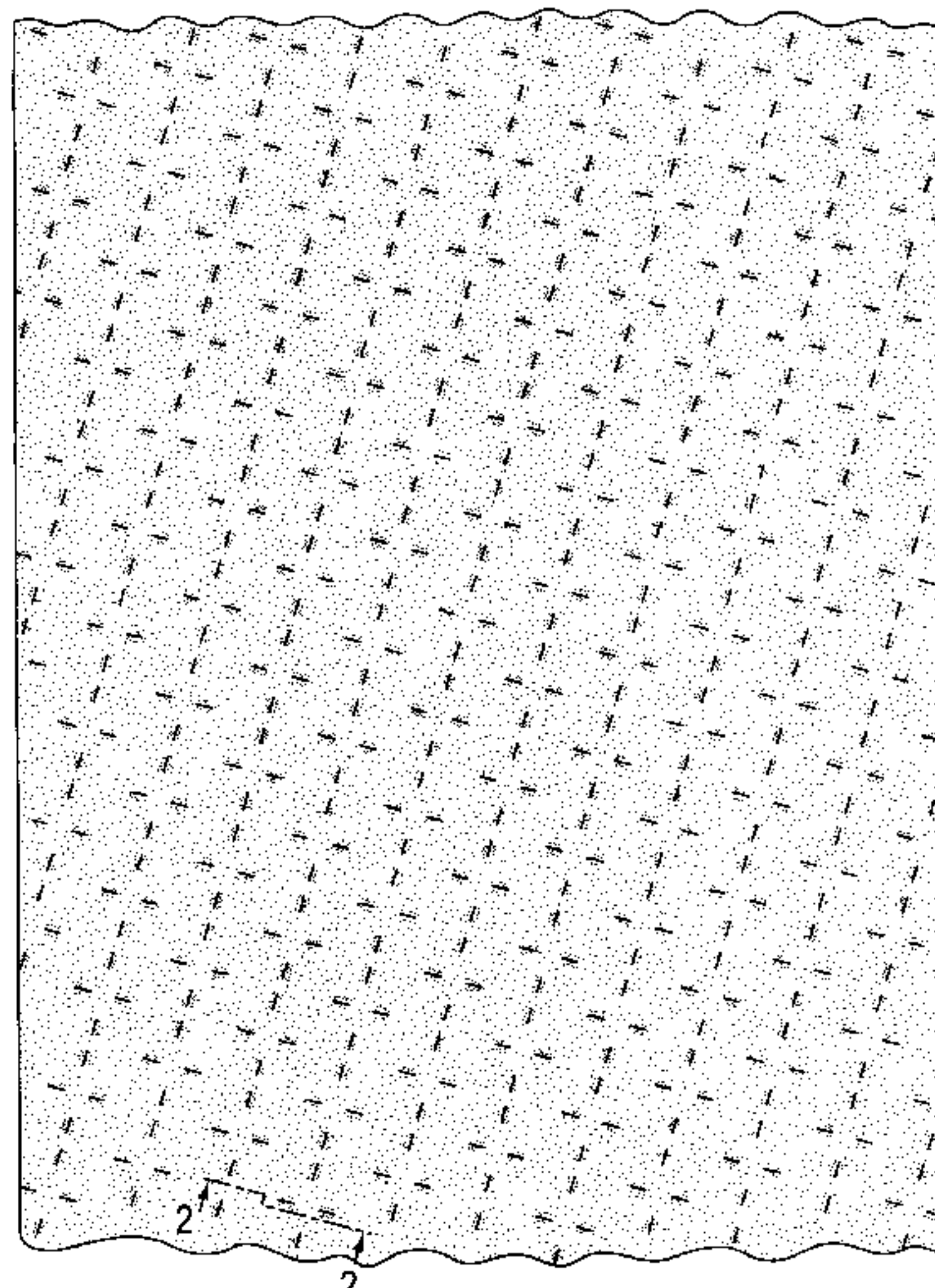
FIG. 10 is a cross-sectional view thereof, taken along line 10—10 of FIG. 9;

FIG. 11 is a front view of a sixth embodiment of our new design;

FIG. 12 is a cross-sectional view thereof, taken along line 12—12 of FIG. 11; and,

FIG. 13 is a rear view of the filter material, which is identical for all six embodiments.

1 Claim, 7 Drawing Sheets



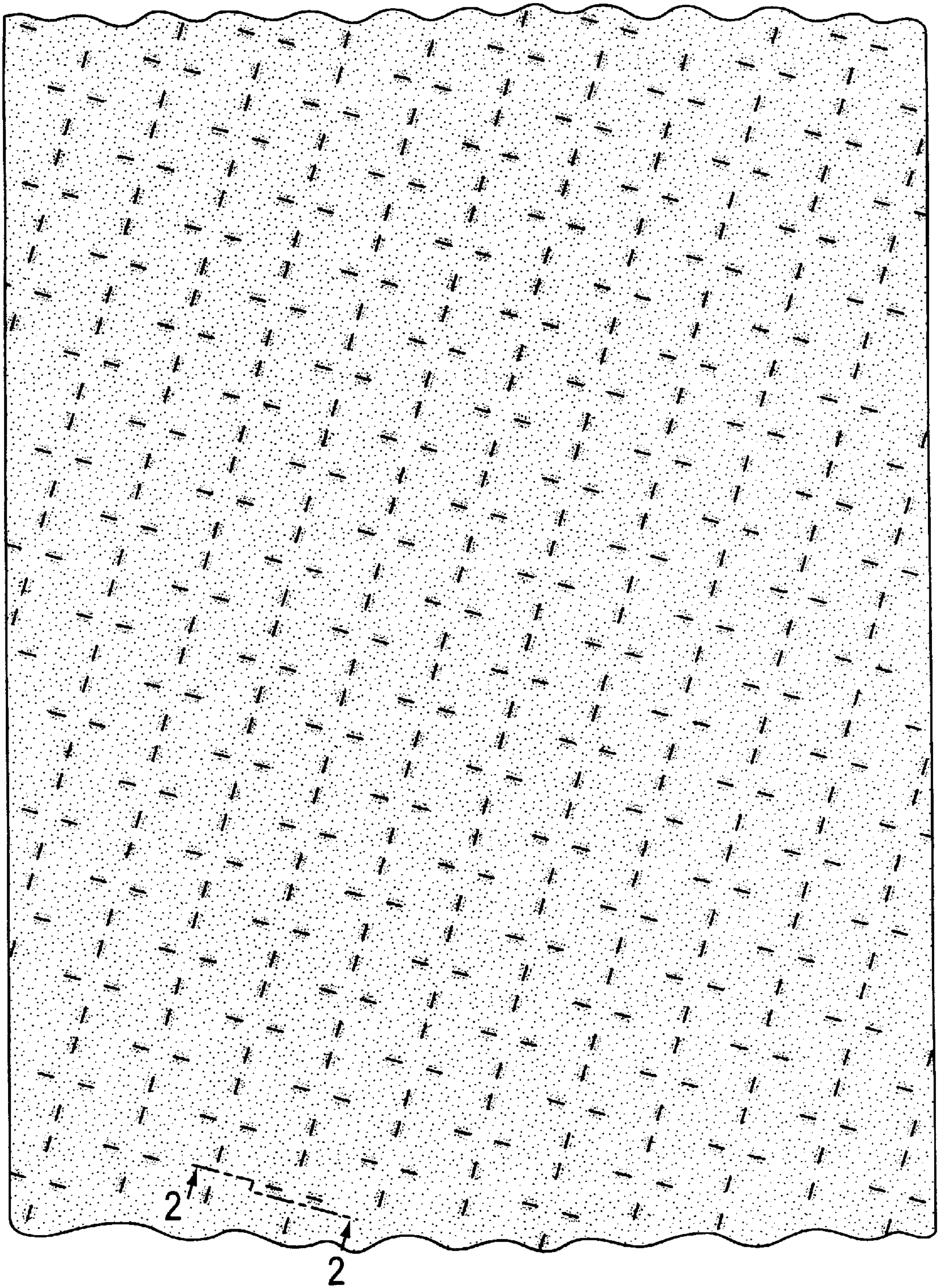


FIG. 1

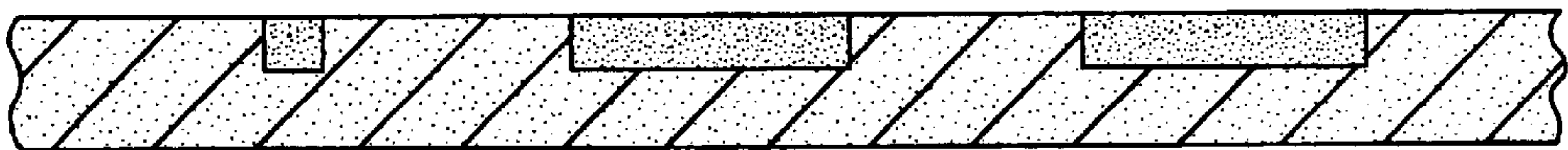


FIG. 2

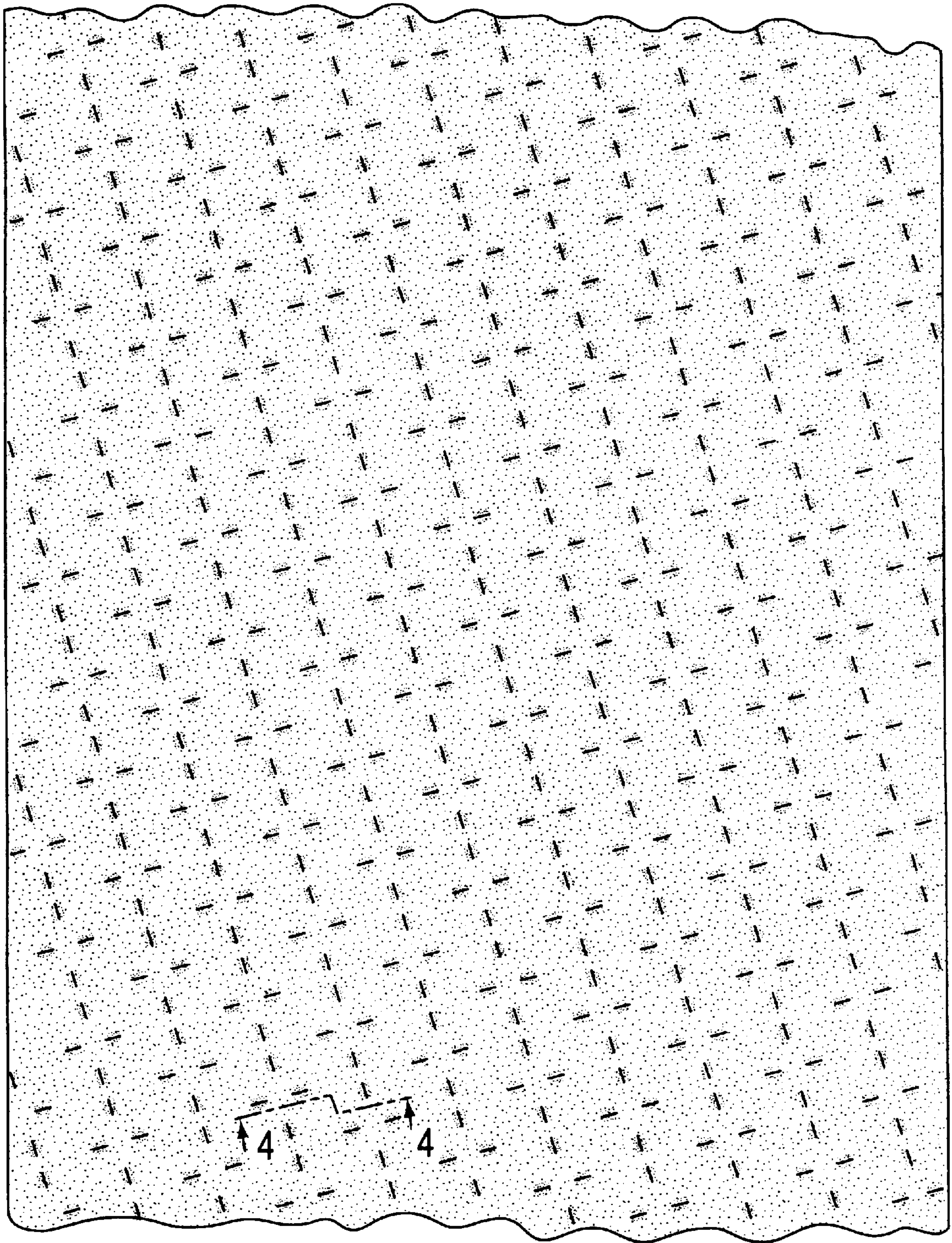


FIG. 3

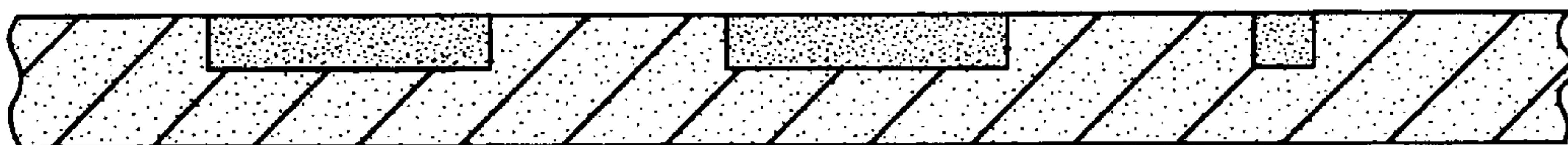


FIG. 4

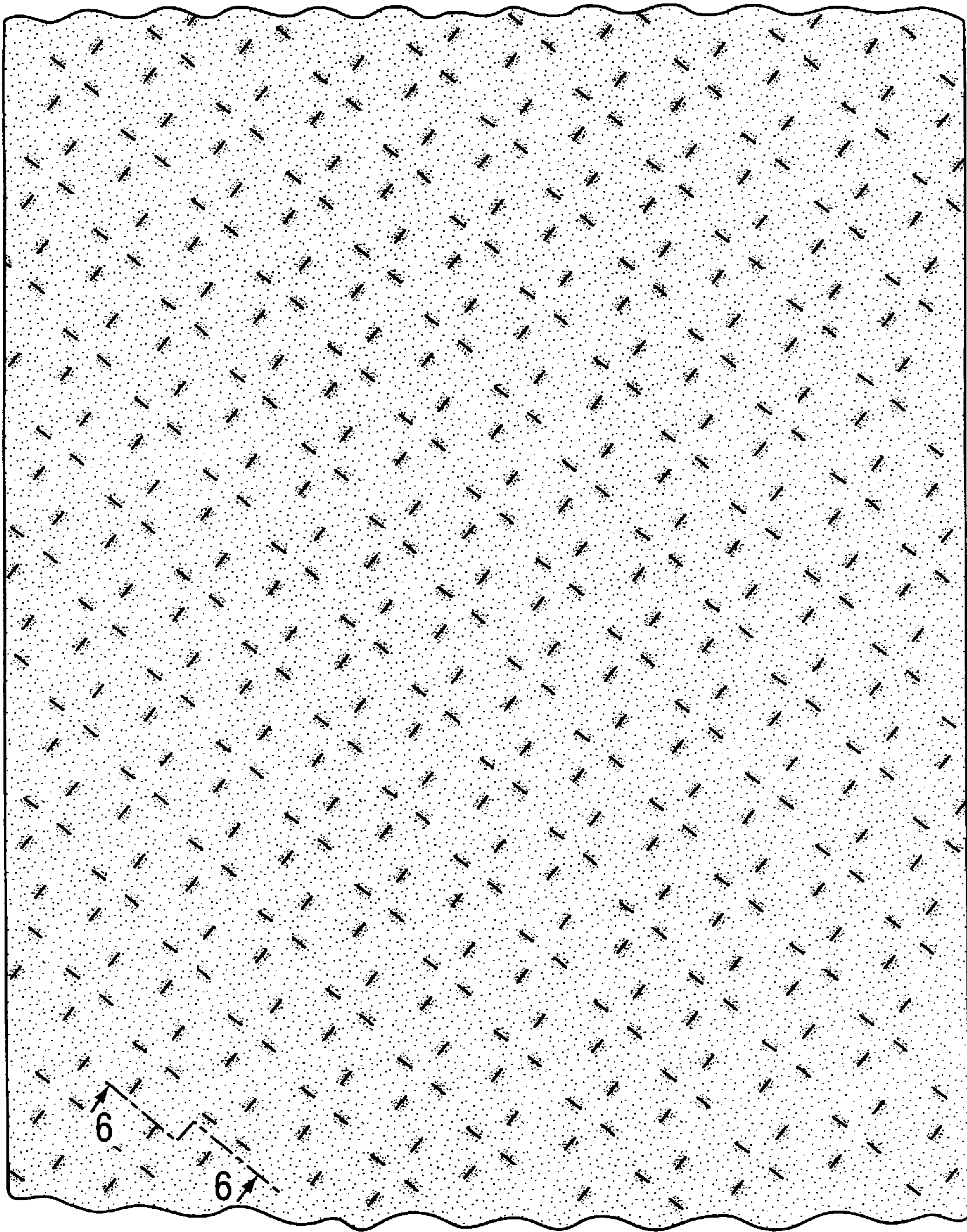


FIG. 5

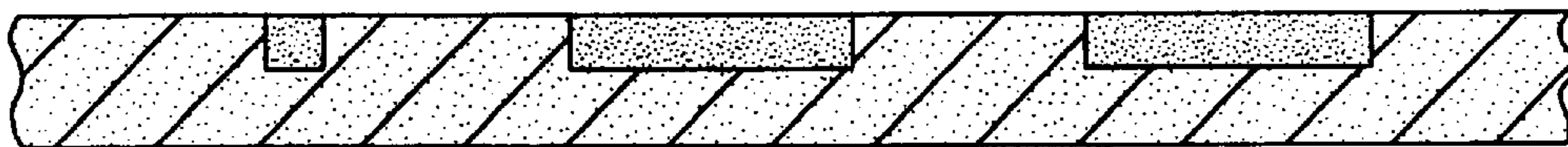


FIG. 6

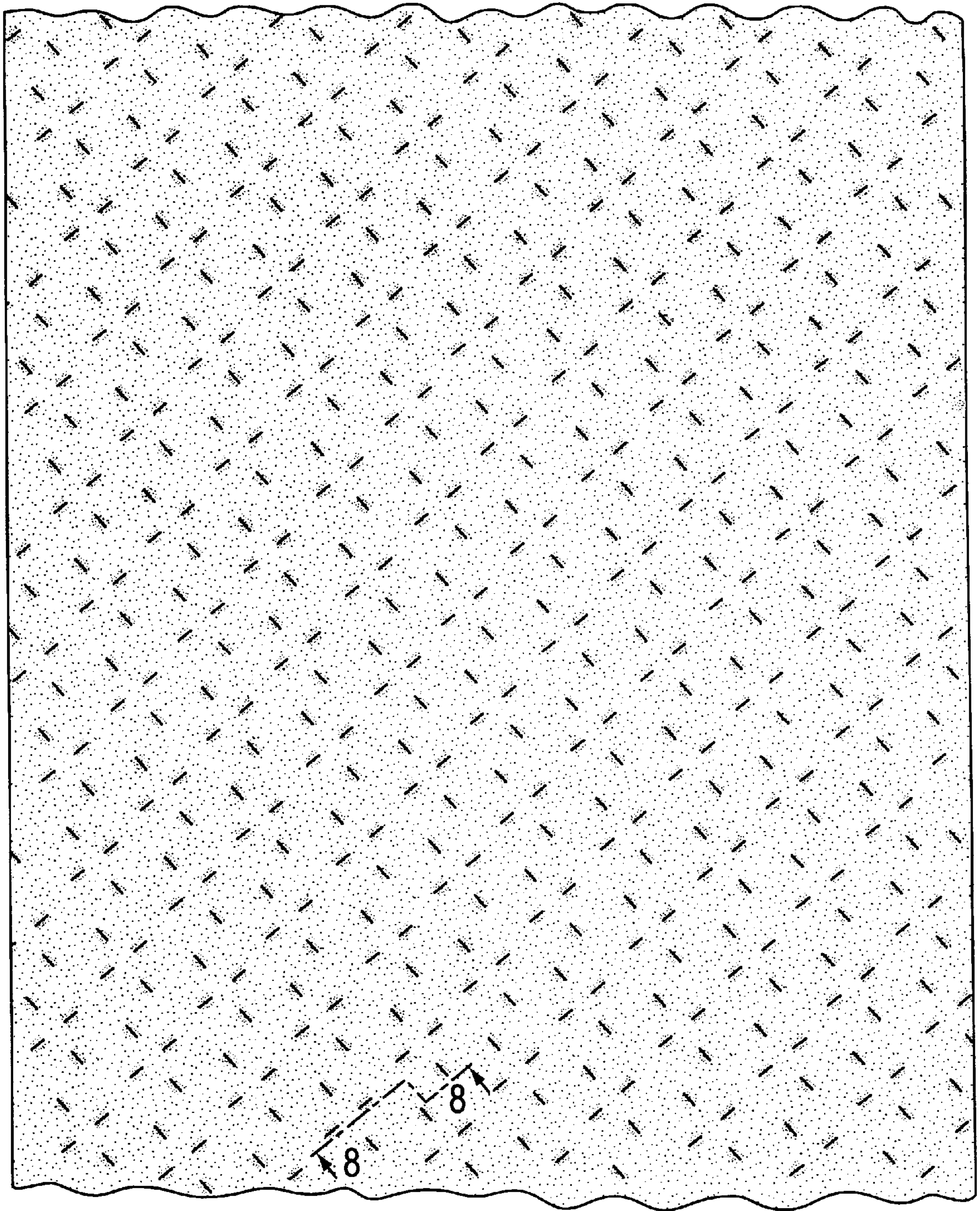


FIG. 7

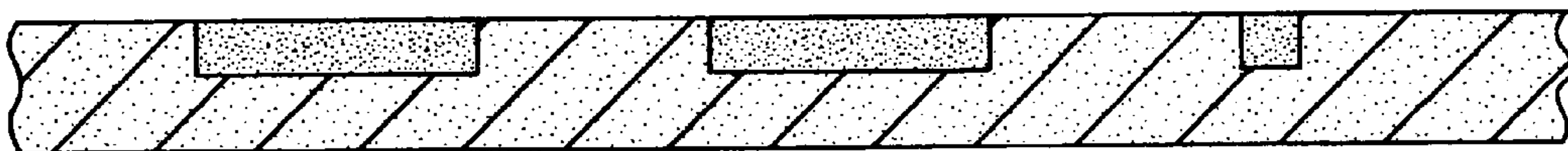


FIG. 8

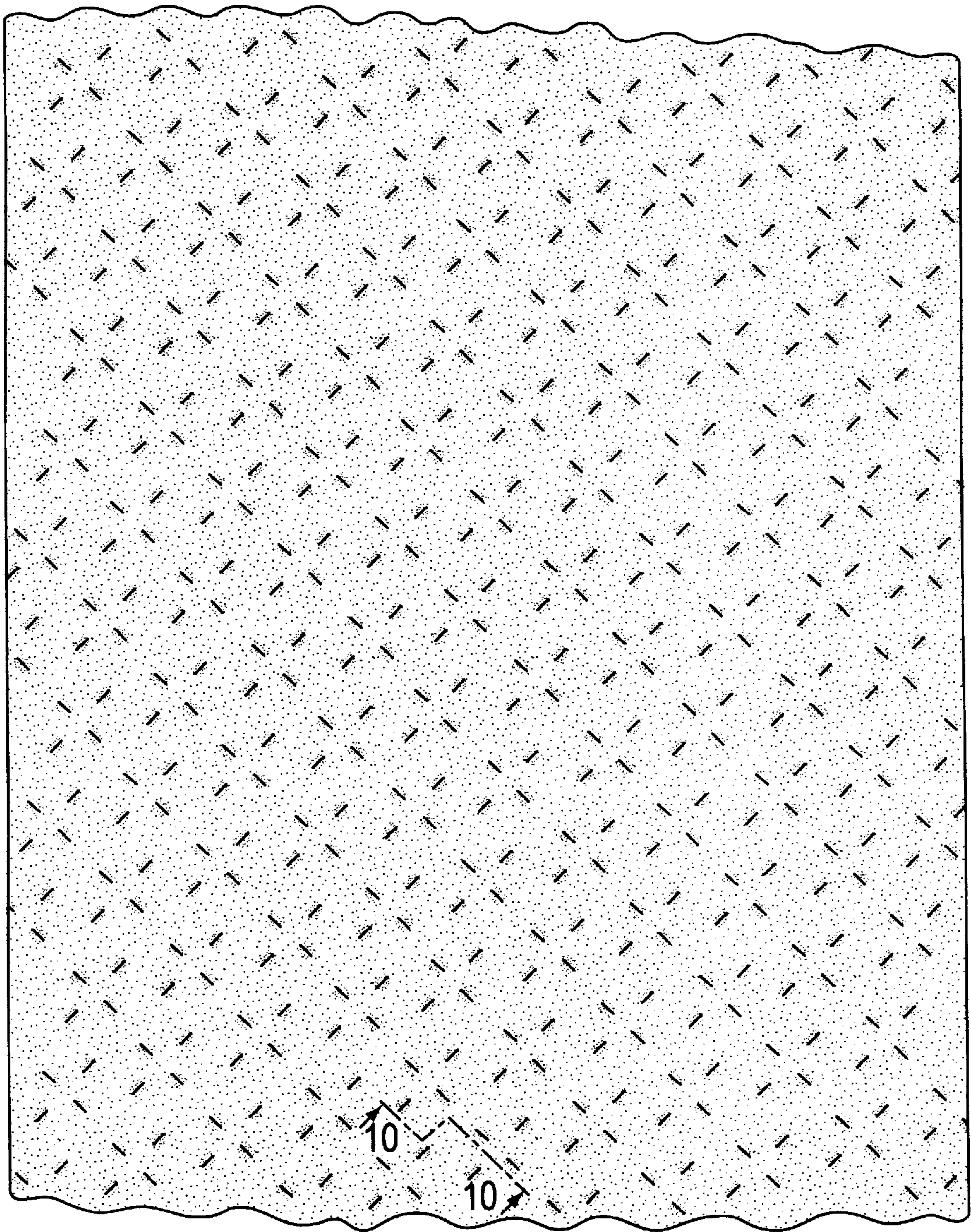


FIG. 9

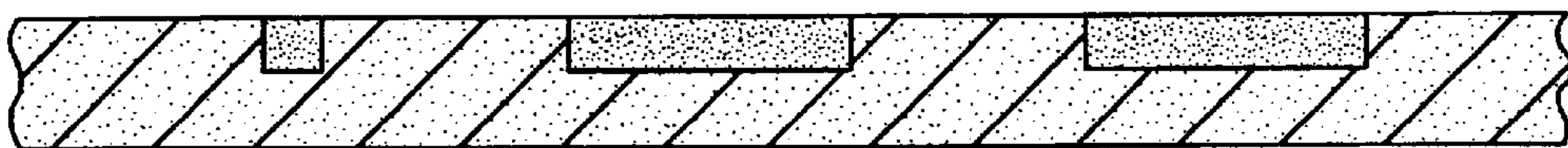


FIG. 10

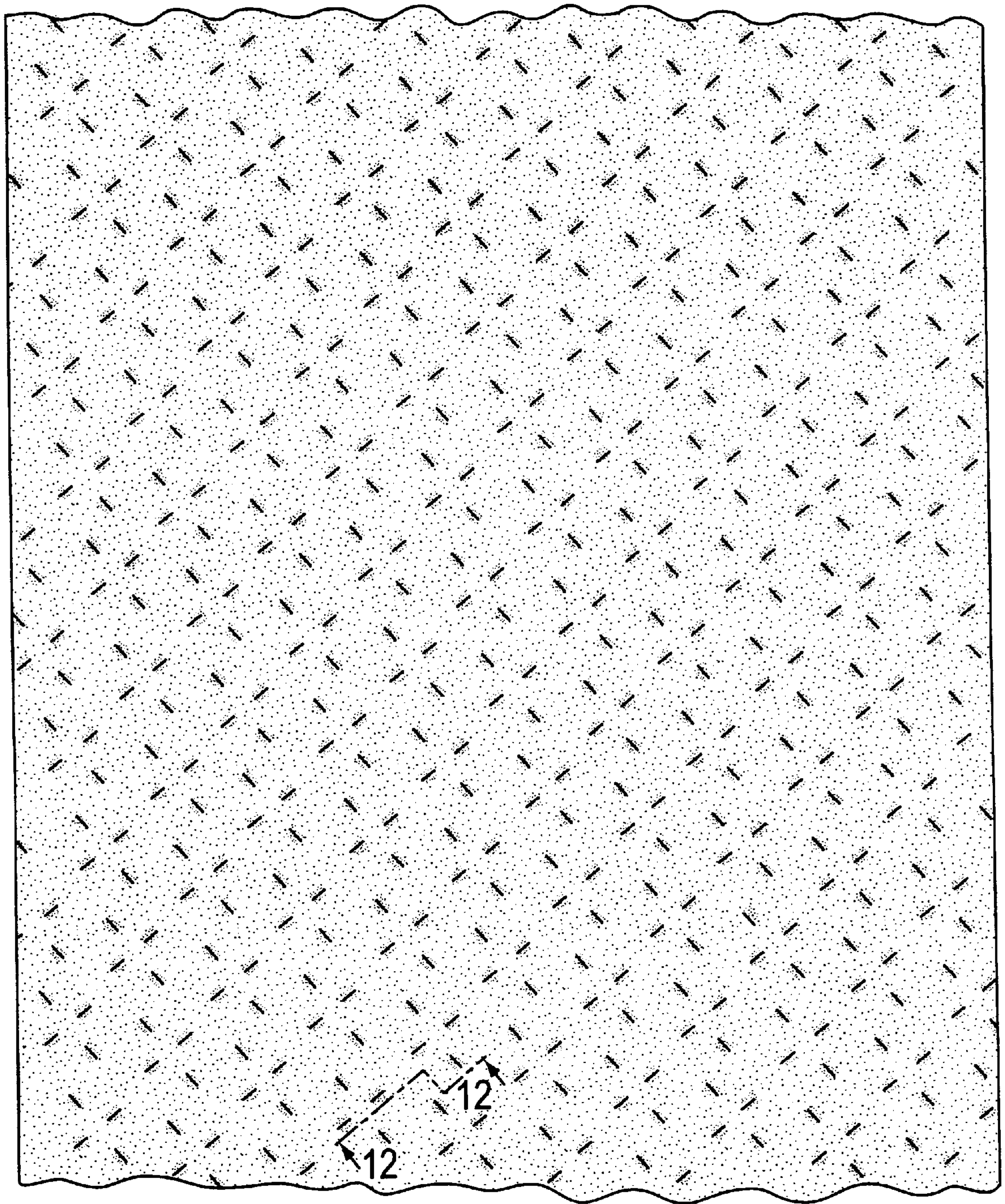


FIG. 11

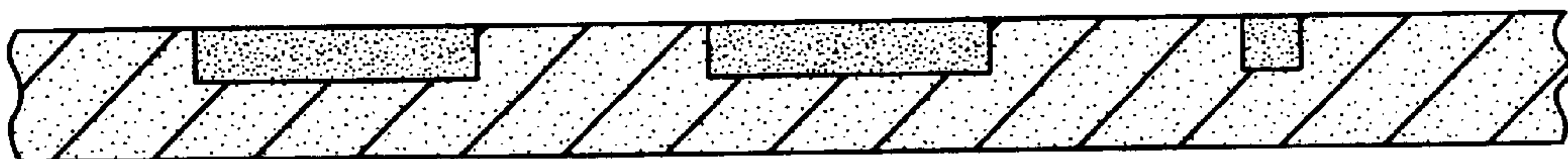


FIG. 12

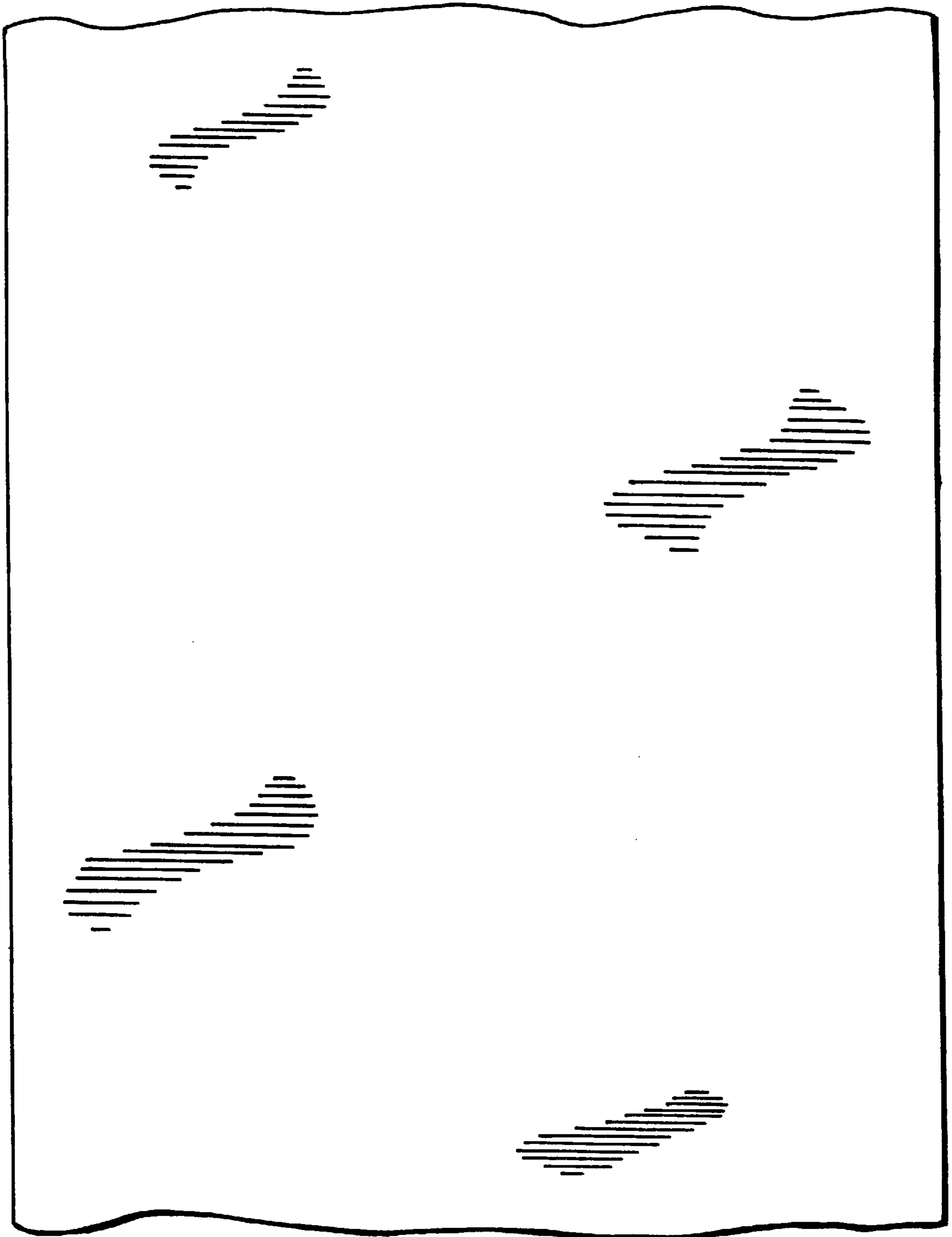


FIG. 13