



US00D771841S

(12) **United States Design Patent** (10) **Patent No.:** US D771,841 S
Chang et al. (45) **Date of Patent:** ** Nov. 15, 2016

(54) **BIDIRECTIONAL DIMPLE CORE PANEL**(71) Applicant: **Inteplast Group, Ltd.**, Livingston, NJ (US)(72) Inventors: **Leo Yih Lang Chang**, Randolph, NJ (US); **Phillip Wu**, Victoria, TX (US); **Tzy Cherng Jan**, Basking Ridge, NJ (US)(73) Assignee: **Inteplast Group Corporation**, Livingston, NJ (US)(**) Term: **14 Years**(21) Appl. No.: **29/510,363**(22) Filed: **Nov. 26, 2014**(51) **LOC (10) Cl.** **25-01**(52) **U.S. Cl.**USPC **D25/138**(58) **Field of Classification Search**

USPC D25/138, 158, 58, 60, 113–117, D25/142–143, 153, 159; D9/636, 745

CPC E04B 1/00; E04B 2/00; E04B 9/0442; E04F 13/007

See application file for complete search history.

(56)

References Cited**U.S. PATENT DOCUMENTS**

D299,759	S	*	2/1989	Sharma	.....	D25/114
D310,953	S	*	10/1990	Ilukowicz	.....	428/178
D311,997	S	*	11/1990	Legare	.....	D5/53
D313,512	S	*	1/1991	Legare	.....	D5/53
D314,672	S	*	2/1991	Legare	.....	D5/53
D382,352	S	*	8/1997	Berger	.....	D25/157
D382,353	S	*	8/1997	Berger	.....	D25/157
D493,897	S	*	8/2004	Campacci	.....	D25/158
D533,950	S	*	12/2006	Givoni	.....	D25/138
D553,263	S	*	10/2007	Kim	.....	D25/155
D569,013	S	*	5/2008	Shuman	.....	D25/138
D572,845	S	*	7/2008	Park	.....	D25/151
D587,358	S	*	2/2009	Stephan	.....	D23/314
D607,585	S	*	1/2010	Larson	.....	D25/138
D608,473	S	*	1/2010	Larson	.....	D25/138

D678,701	S	*	3/2013	Hansen	.....	D6/561
D679,031	S	*	3/2013	Amend	.....	D25/138
D687,573	S	*	8/2013	Metcalf	.....	D25/104
D687,574	S	*	8/2013	Metcalf	.....	D25/104
D696,874	S	*	1/2014	Huss	.....	D6/592
D698,190	S	*	1/2014	Grimshaw	.....	D6/680
D711,012	S	*	8/2014	Jorge	.....	D25/58
D717,475	S	*	11/2014	Cufer	.....	D25/155
D727,376	S	*	4/2015	Lee	.....	D15/89
D729,949	S	*	5/2015	Hartman	.....	D25/119
D739,961	S	*	9/2015	Zuo	.....	D25/138
D739,963	S	*	9/2015	Zuo	.....	D25/163
D746,486	S	*	12/2015	Bilge	.....	D25/125
D746,487	S	*	12/2015	Bilge	D25/125
D746,488	S	*	12/2015	Luchini	D25/138

* cited by examiner

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The ornamental design for a bidirectional dimple core panel, as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of a first embodiment of a bidirectional dimple core panel;

FIG. 2 is a top view thereof, the bottom view being identical to the top view;

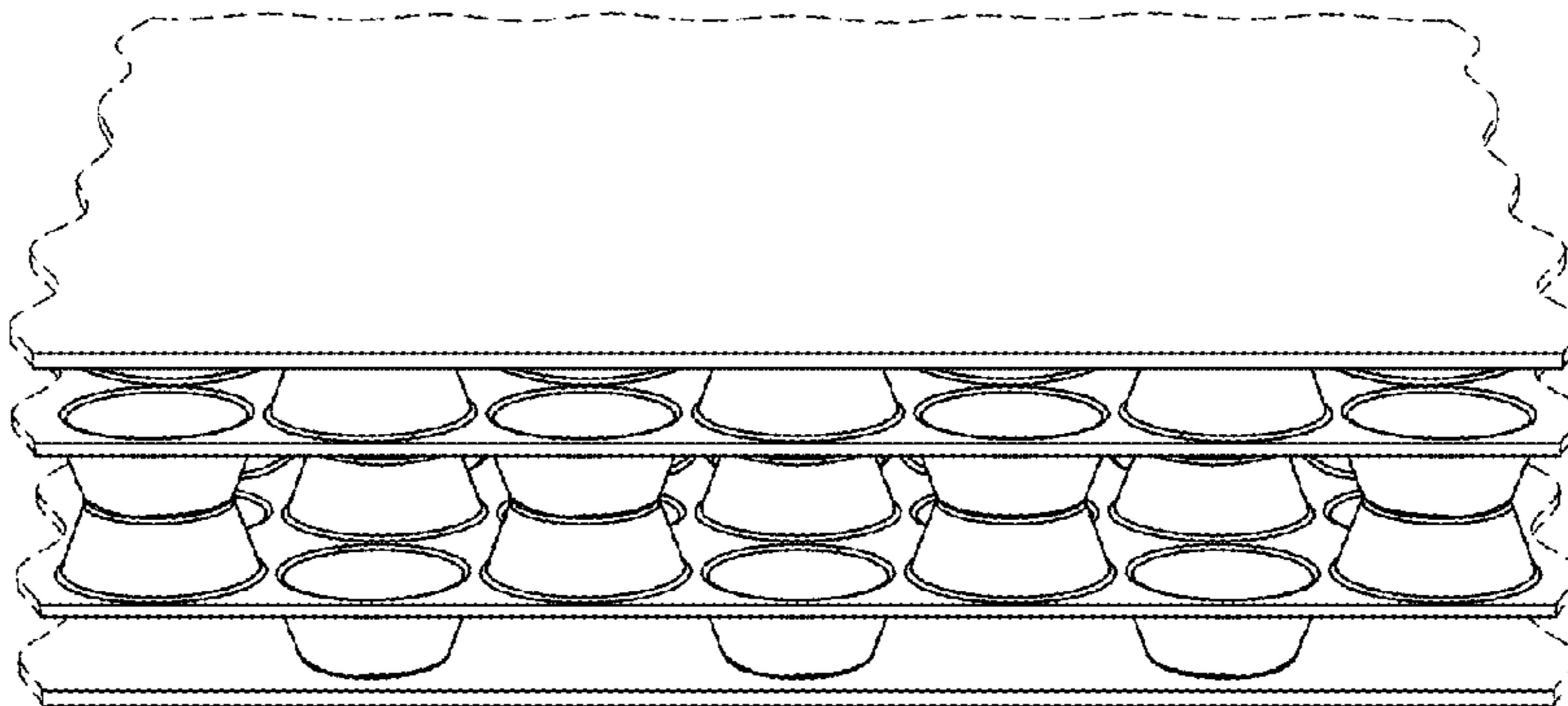
FIG. 3 is a front view thereof;

FIG. 4 is a sectional view thereof taken along line 4-4 of FIG. 2 thereof;

FIG. 5 is a top front perspective view of a second embodiment of a bidirectional dimple core panel having an appearance the same as the embodiment of FIGS. 1-3 except that the top and bottom sheets of the panel have a stippling representing a first color and the dimpled layers of the dimple core having different stippling representing a second color different from the first color;

FIG. 6 is a front view of the panel of FIG. 5;

FIG. 7 is a top front perspective view of a third embodiment of a bidirectional dimple core panel having an appearance the same as the embodiment of FIGS. 1-3 except that a top sheet of the panel and lower dimpled layer of the dimple



core have a stippling representing a first color and a bottom sheet of the panel and upper dimpled layer of the dimple core have a different stippling representing a second color different than the first color;

FIG. 8 is a front view of the panel of FIG. 7;

FIG. 9 is a top front perspective view of a fourth embodiment of a bidirectional dimple core panel having an appearance the same as the embodiment of FIGS. 1-3 except that a top sheet of the panel and an upper dimpled layer of the dimple core having a stippling representing a first color and a bottom sheet of the panel and lower dimpled layer of the dimple core have a different stippling representing a second color different than the first color;

FIG. 10 is a front view of the panel of FIG. 9;

FIG. 11 is a top front perspective view of a fifth embodiment of a bidirectional dimple core panel having an appearance the same as the embodiment of FIGS. 1-3 except that a top sheet of the panel has a stippling representing a first color and a bottom sheet of the panel and dimpled layers of the

dimple core have a different stippling representing a second color different than the first color;

FIG. 12 is a front view of the panel of FIG. 11;

FIG. 13 is a top front perspective view of a sixth embodiment of a bidirectional dimple core panel having an appearance the same as the embodiment of FIGS. 1-3 except that a top sheet of the panel has a stippling representing a first color, an upper dimpled layer of the dimple core has a stippling representing a second color, a lower dimpled layer of the dimple core has a stippling representing a third color, and a bottom sheet of the panel has a stippling representing a fourth color, at least one of the first, second, third and fourth colors being different from the others; and,

FIG. 14 is a front view of the panel of FIG. 13.

The rear views of each embodiment form no part of the claimed design.

The broken lines define the boundaries of the claimed design and form no part thereof.

1 Claim, 8 Drawing Sheets

FIG. 1

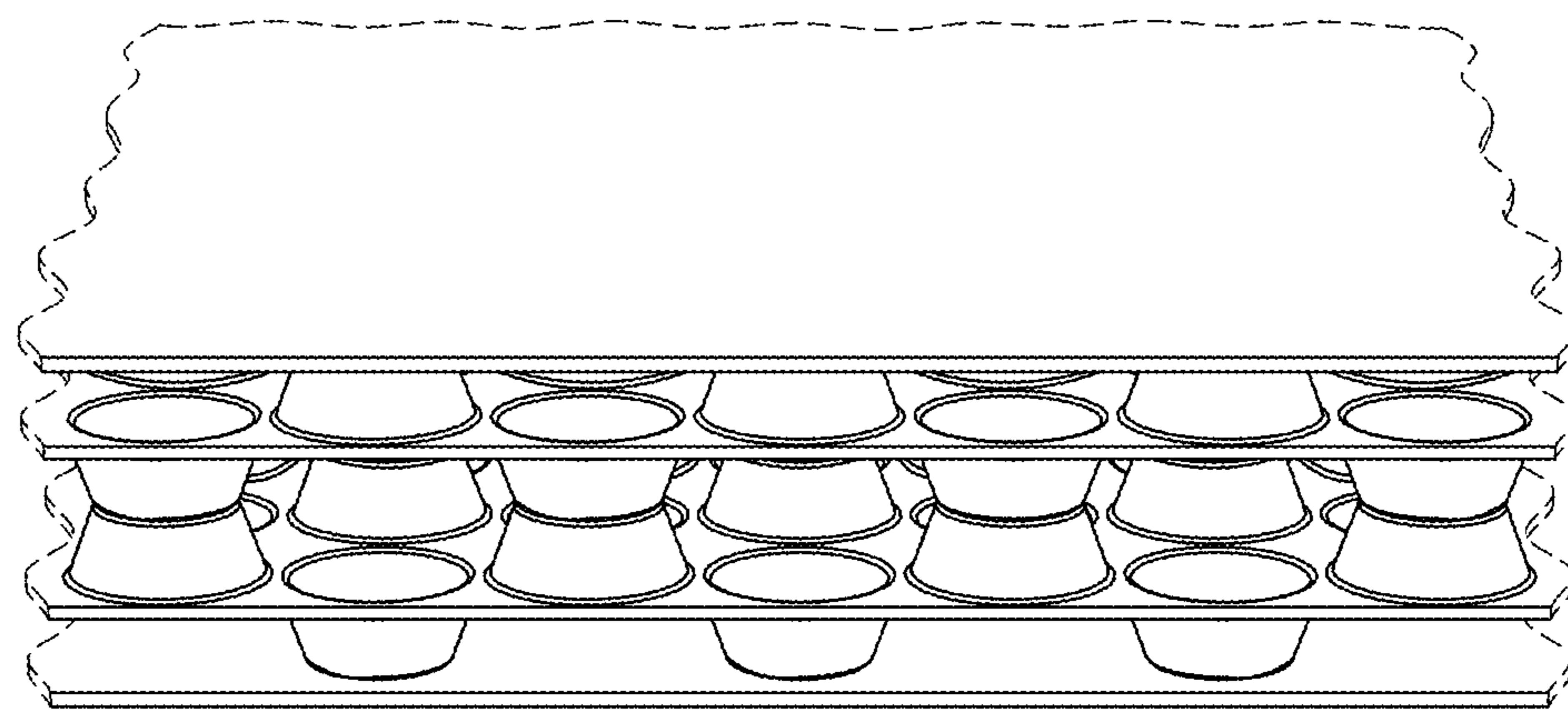


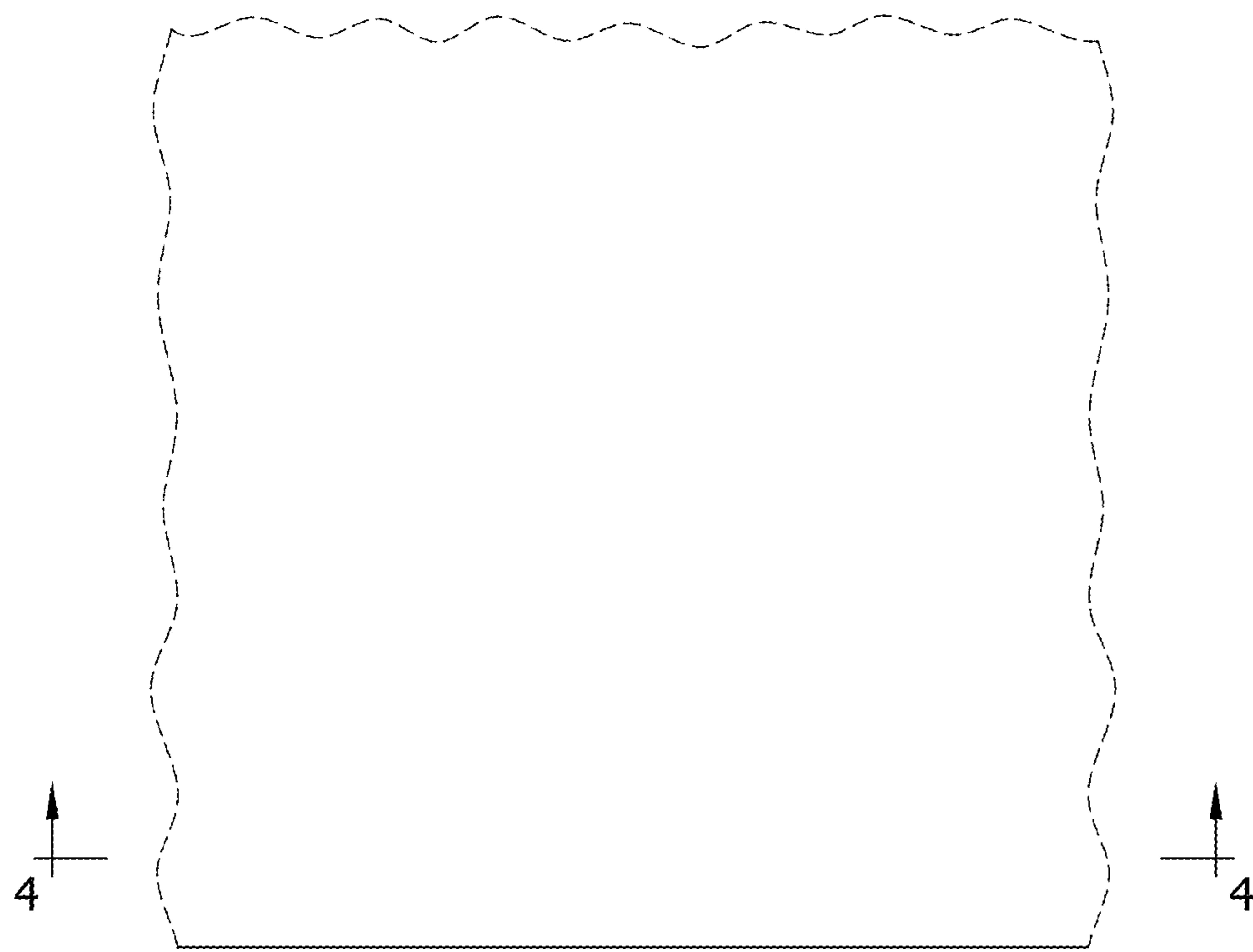
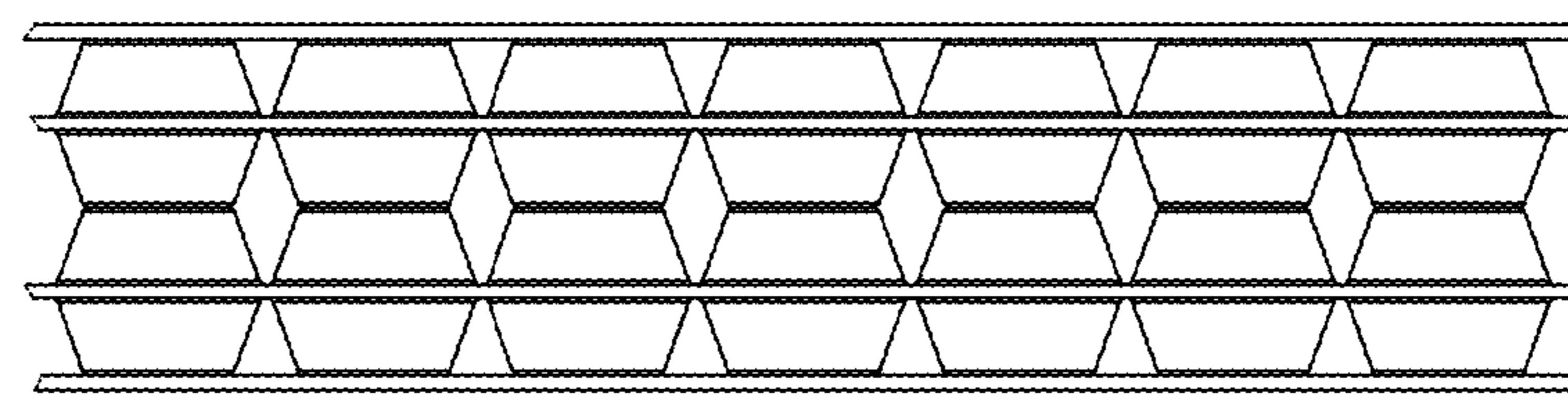
FIG. 2**FIG. 3**

FIG. 4

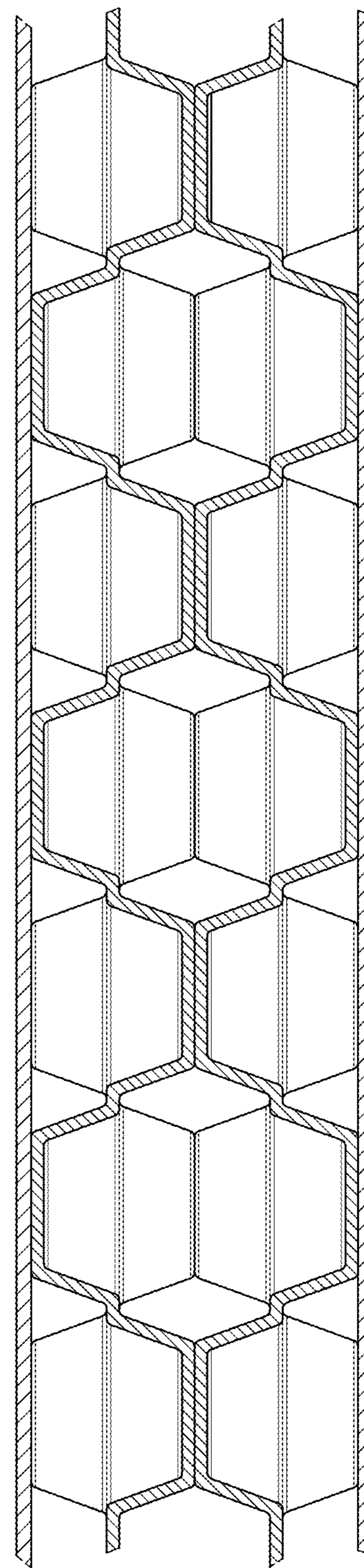


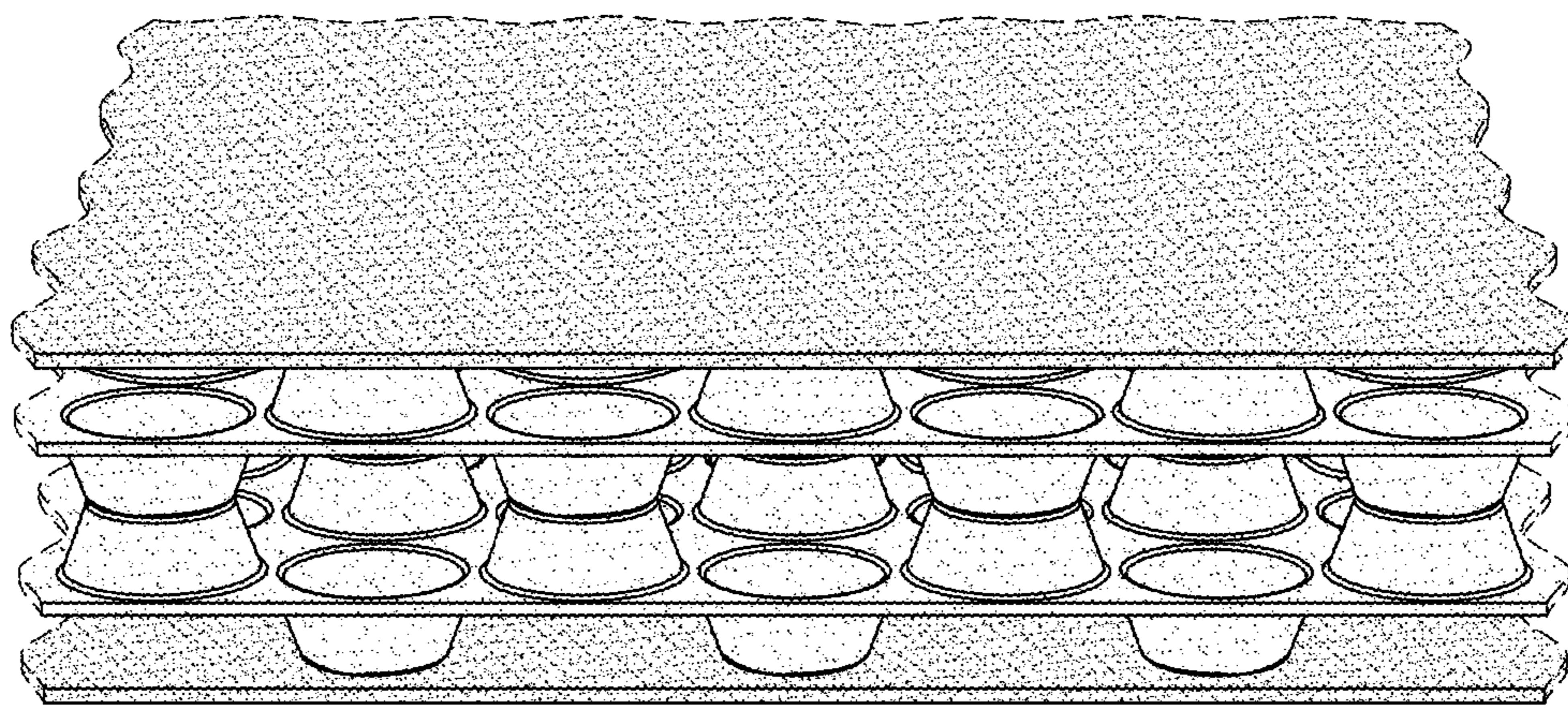
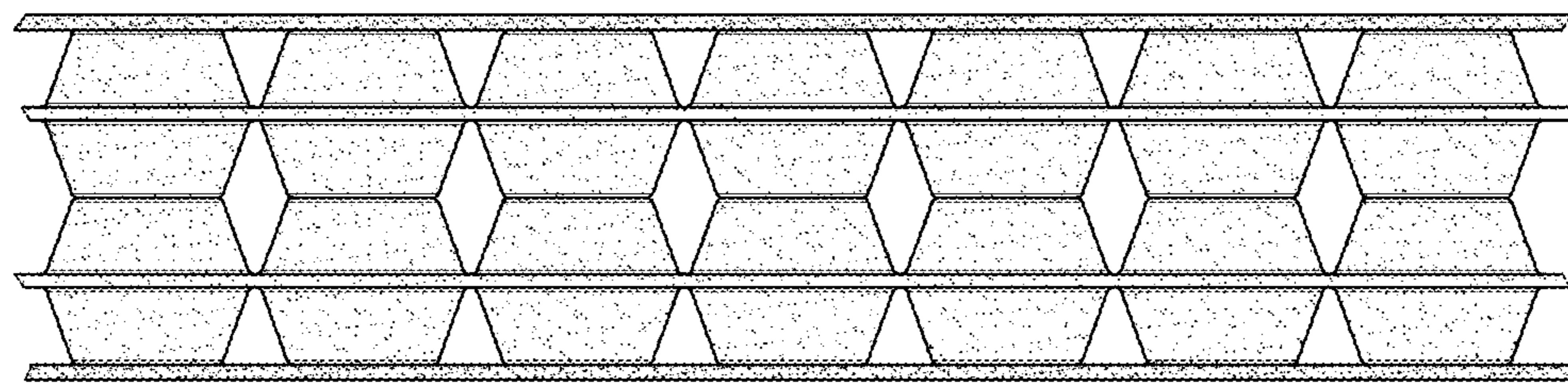
FIG. 5**FIG. 6**

FIG. 7

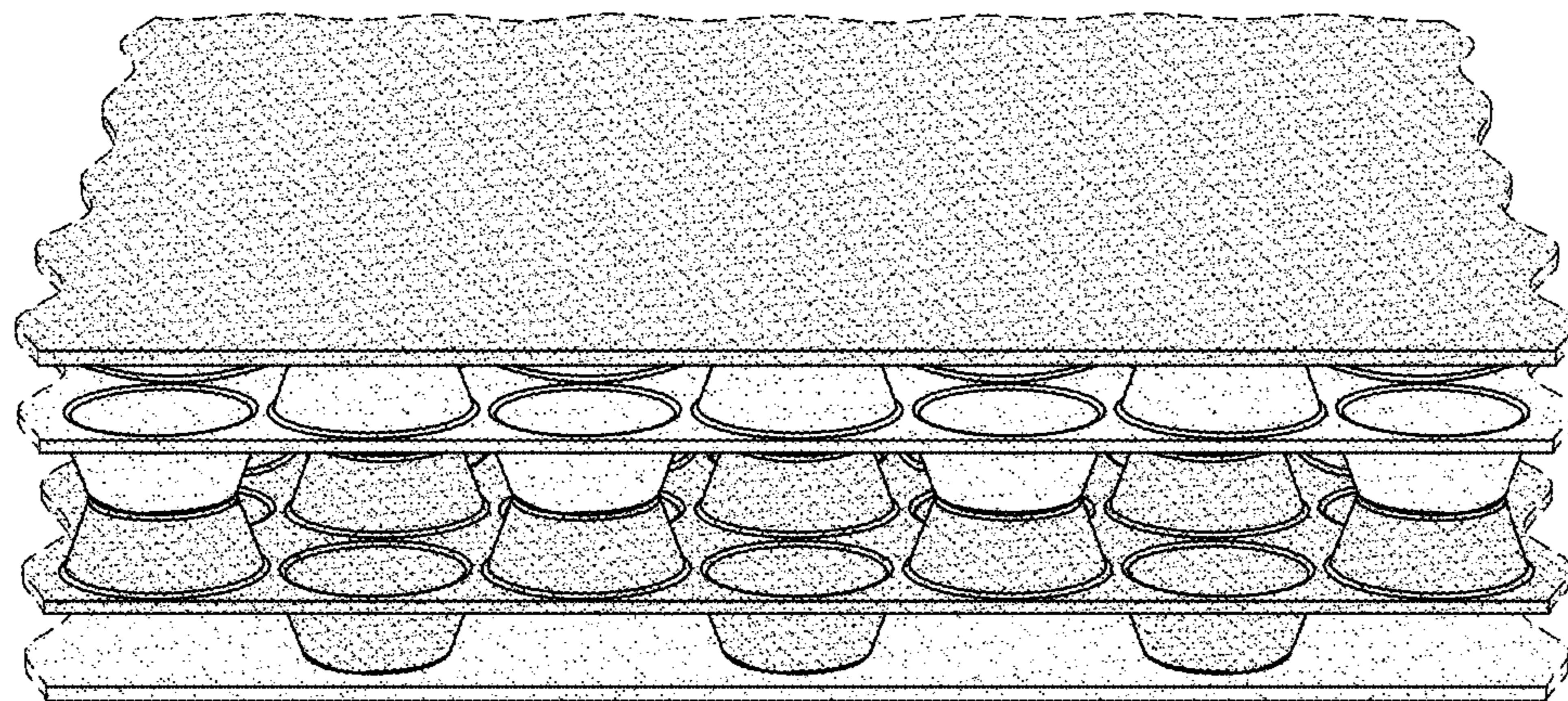


FIG. 8

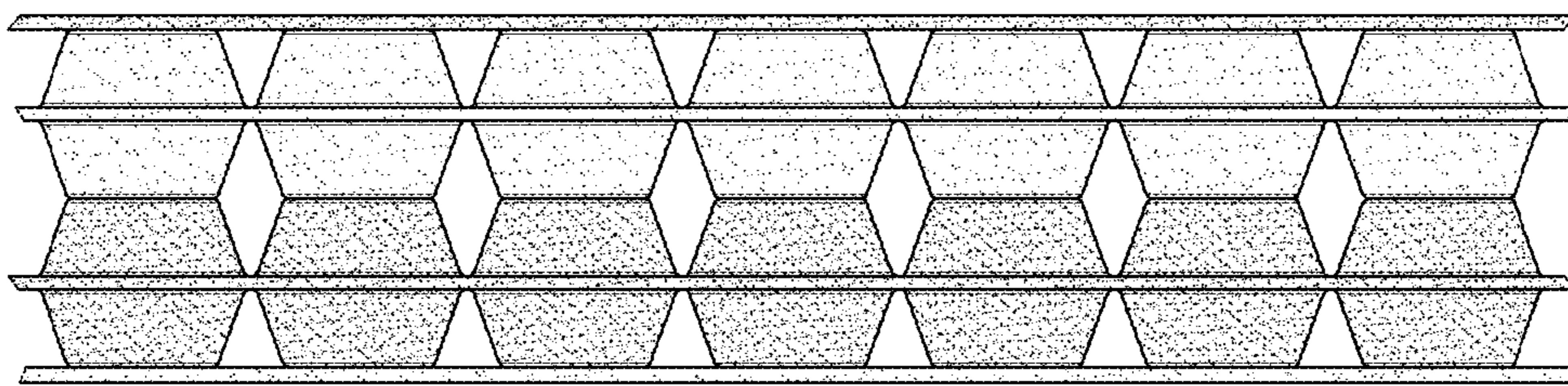


FIG. 9

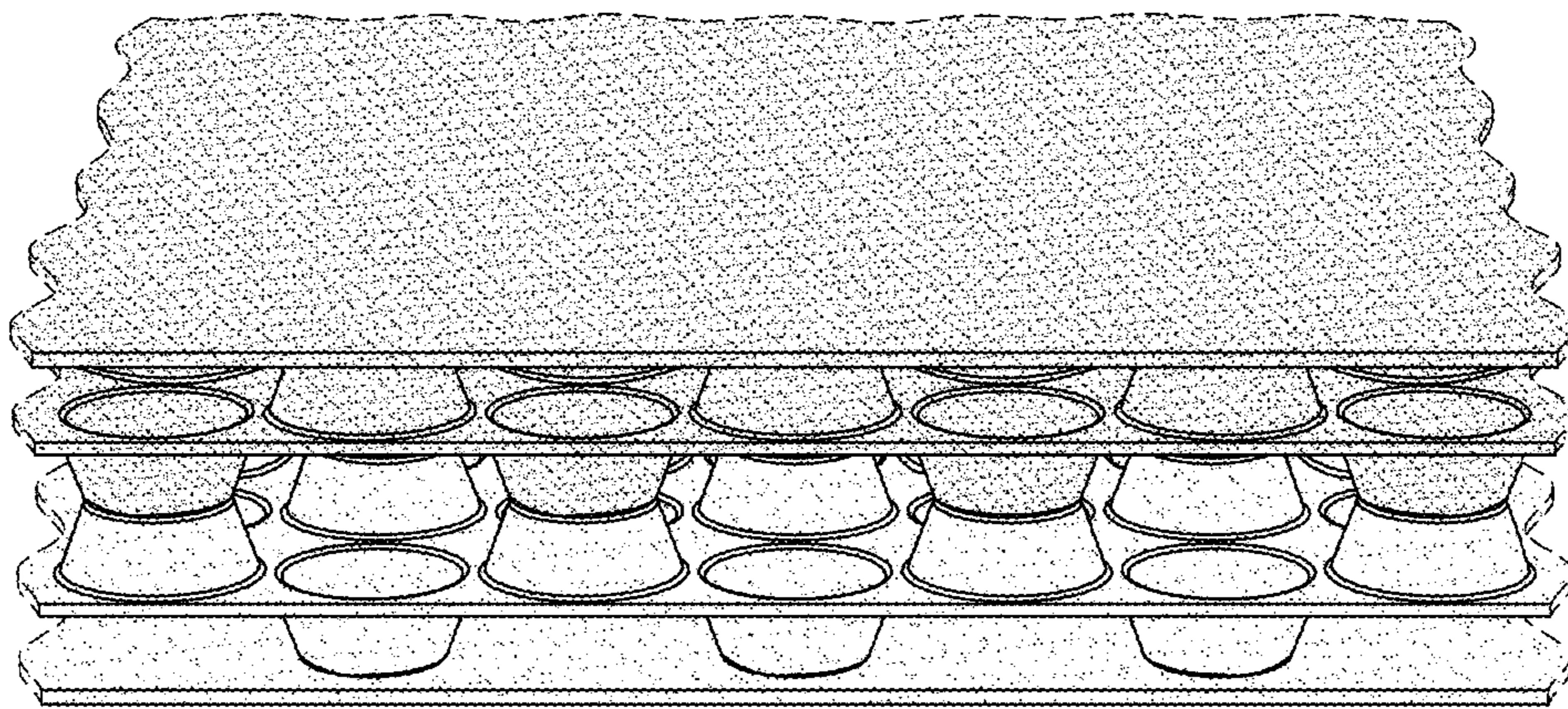


FIG. 10

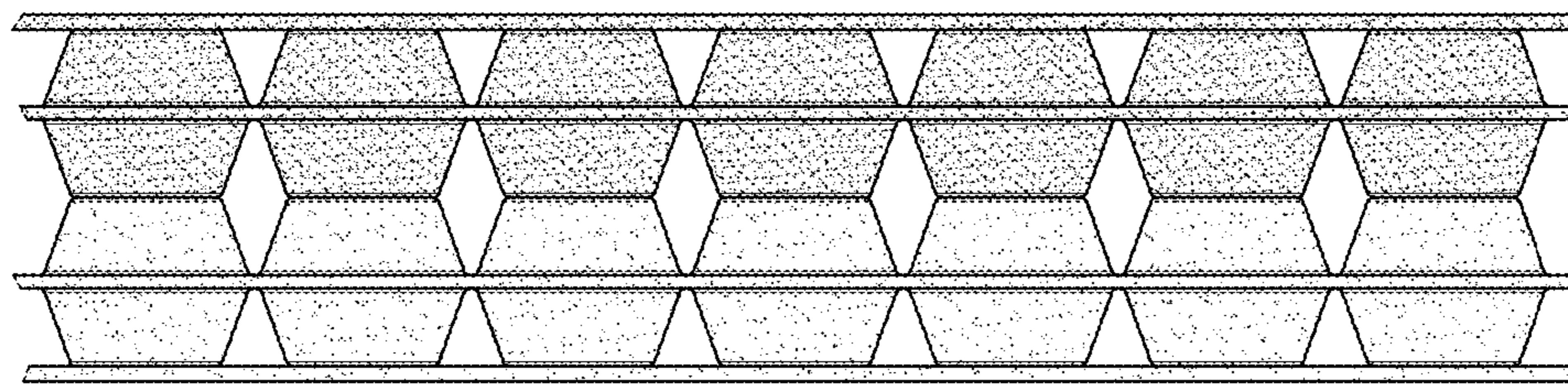


FIG. 11

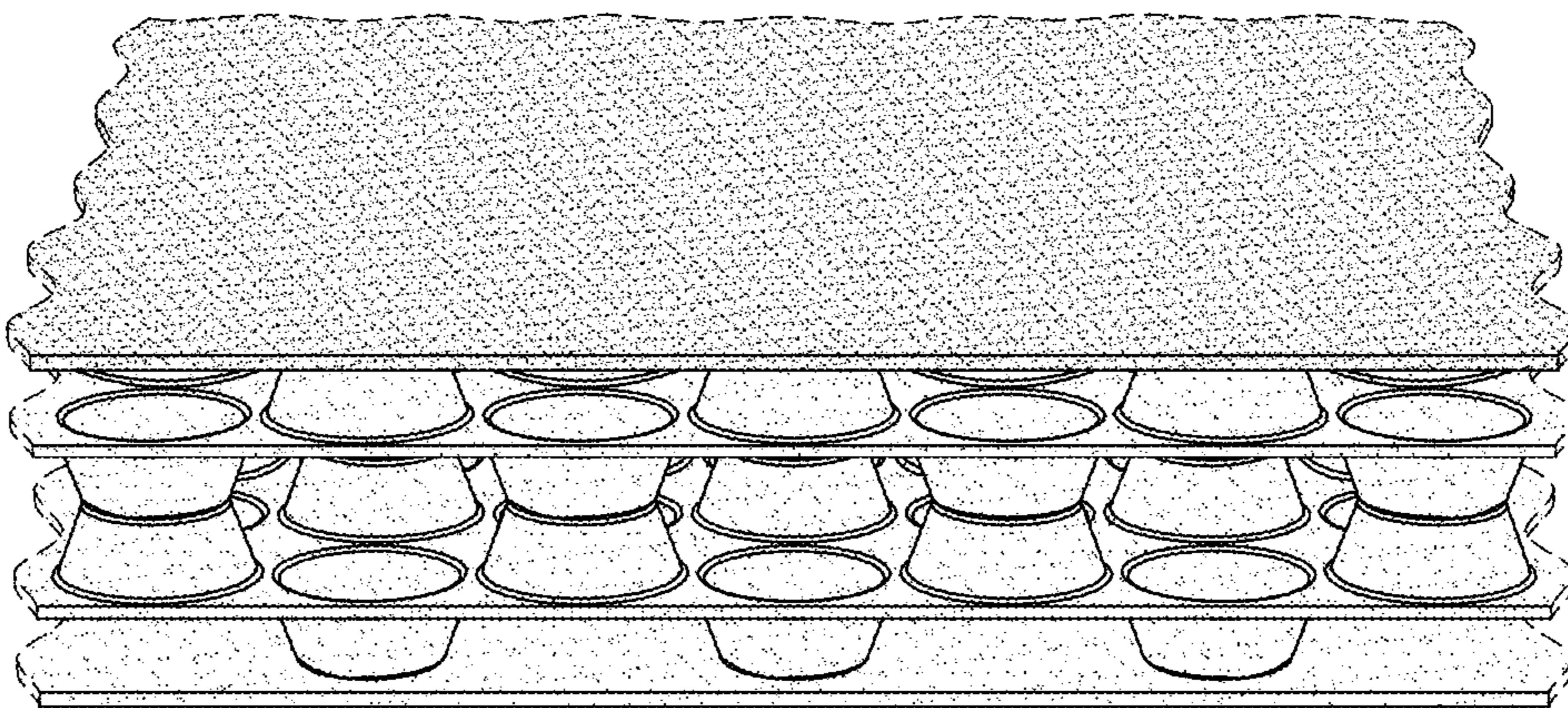


FIG. 12

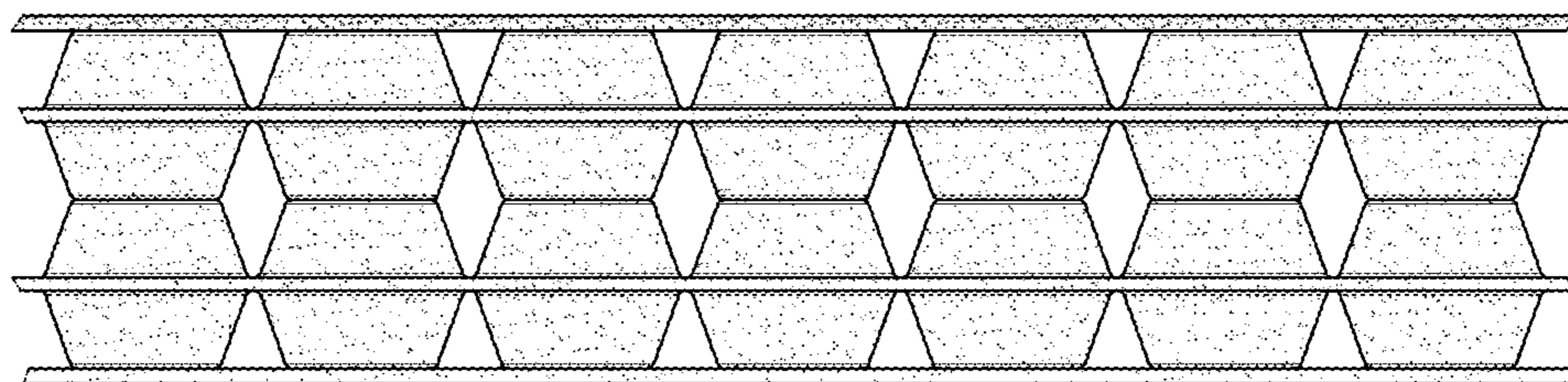


FIG. 13

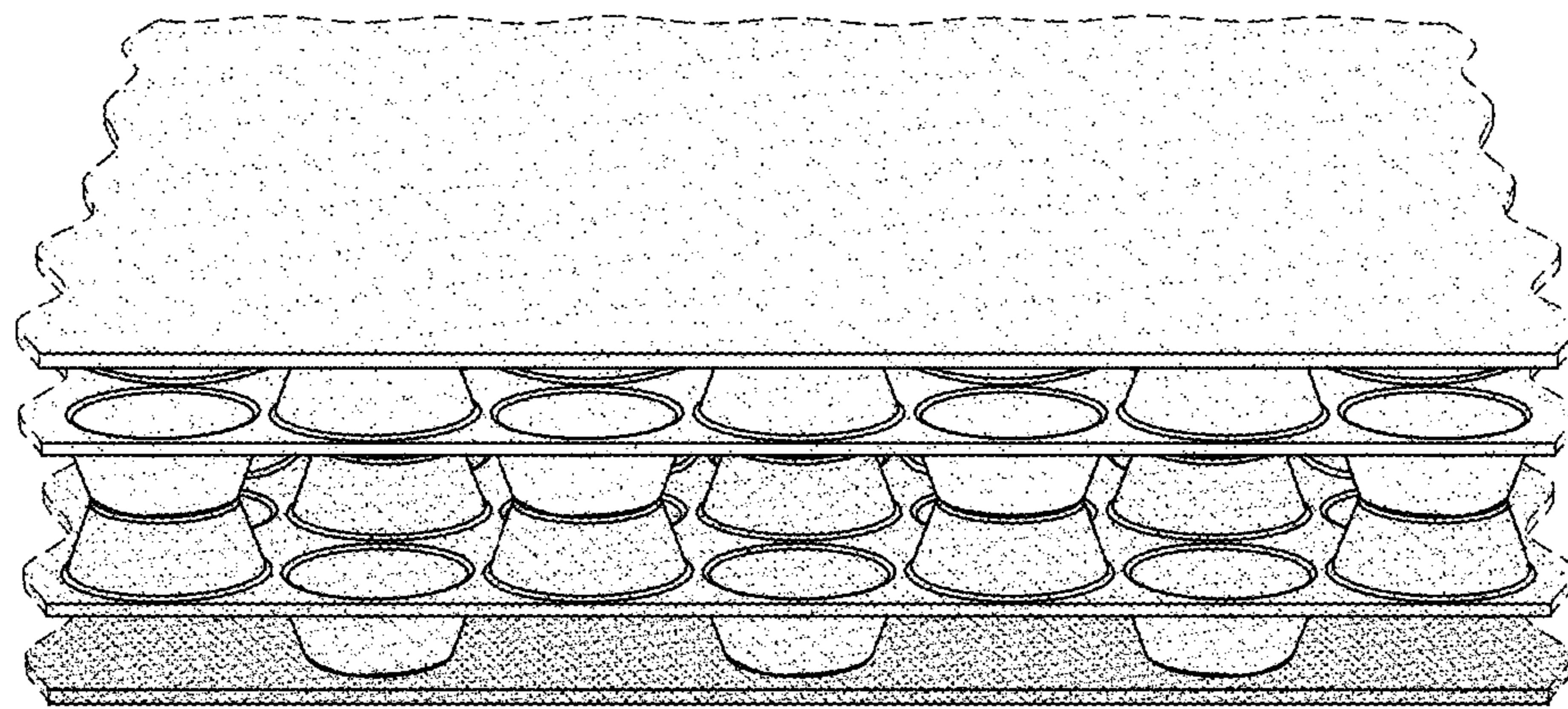


FIG. 14

