



US00D809234S

(12) **United States Design Patent**
Endle et al.(10) **Patent No.:** US D809,234 S
(45) **Date of Patent:** ** Jan. 30, 2018(54) **NONWOVEN ABRASIVE WITH DOT SURFACE PATTERN**(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)(72) Inventors: **James P. Endle**, New Richmond, WI (US); **Robert J. Maki**, Hudson, WI (US); **Tien Yi Hsu Whiting**, St. Paul, MN (US); **David C. Raithel**, Hudson, WI (US); **Lauren K. Carlson**, St. Paul, MN (US)(73) Assignee: **3M Innovative Properties Company**, St. Paul, MN (US)(**) Term: **15 Years**(21) Appl. No.: **29/553,968**(22) Filed: **Feb. 5, 2016**(51) LOC (11) Cl. **04-01**

(52) U.S. Cl.

USPC **D32/40**(58) **Field of Classification Search**

USPC D32/40, 35, 39, 41–46, 57; D5/5, 8, 40, D5/35, 39, 56, 57, 58, 60, 61, 62, 53;

D28/7, 63

CPC A47L 13/00; A47L 13/061; A47L 13/12; A47L 13/16; A47L 13/17; A47L 13/18

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D72,293 S *	3/1927	Vandergaw	D5/57
D420,183 S *	2/2000	Tintelnöt	D32/40
D428,264 S *	7/2000	Boyce	D5/53
D430,407 S *	9/2000	Ingalls	D5/53
D441,541 S *	5/2001	Greenfield	D5/53
D443,766 S *	6/2001	Bredendick	D5/53
D449,452 S *	10/2001	Graff	D5/53

D453,421 S *	2/2002	Greenfield	D5/53
D456,575 S *	4/2002	Celia	D28/63
D488,303 S *	4/2004	Dwiggins	D5/39
D585,649 S *	2/2009	Bachmann	D5/39
D587,416 S *	2/2009	Ashe	D32/40
D587,906 S *	3/2009	Bachmann	D5/39
D610,753 S *	2/2010	Moskowitz	D30/158
D613,949 S *	4/2010	Mercer	D5/37
D633,672 S *	3/2011	McKnight	D32/40
D633,673 S *	3/2011	McKnight	D32/40
D634,553 S *	3/2011	Glakpe	D5/56
D636,955 S *	4/2011	Armaly	D32/40
D660,012 S *	5/2012	Enderby	D5/57

(Continued)

OTHER PUBLICATIONS

<https://www.babybedding.com/navy-and-coral-diamond-dot-fabric>
accessed on Sep. 12, 2017.*

(Continued)

Primary Examiner — Michael A. Pratt*Assistant Examiner* — Michelle E Wilson(74) *Attorney, Agent, or Firm* — Emily V. Hargett

(57)

CLAIM

The ornamental design for a nonwoven abrasive with dot surface pattern, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a nonwoven abrasive with dot surface pattern showing the new design;

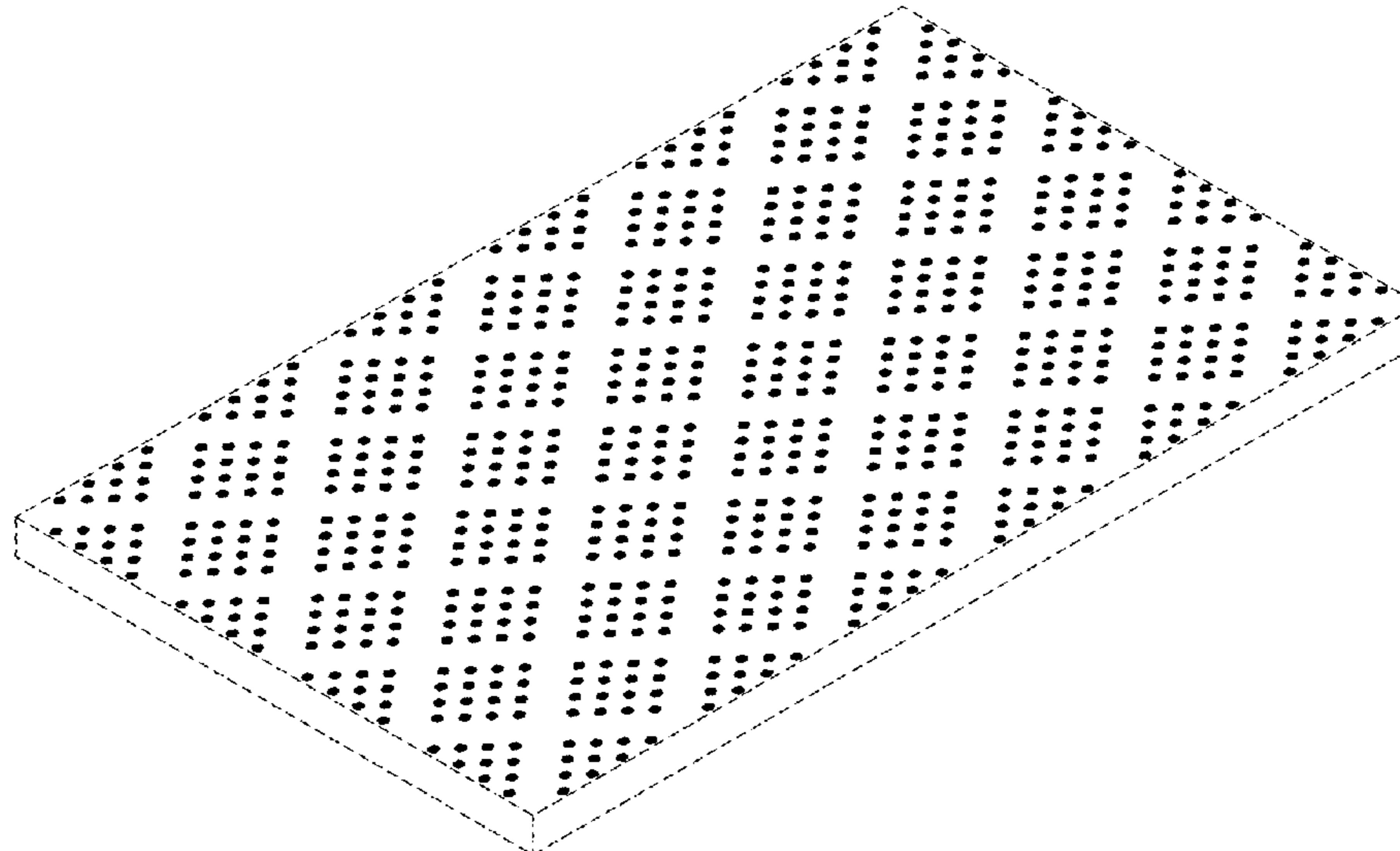
FIG. 2 is a top view thereof;

FIG. 3 is a bottom view thereof;

FIG. 4 is a front view thereof, the rear view being a mirror image of the front view shown; and,

FIG. 5 is a left side view thereof, the right side view being a mirror image of the left side view shown.

The broken lines which define the bounds of the claimed design form no part thereof.

1 Claim, 2 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

D660,013	S	*	5/2012	Tardif	D5/57
D667,640	S	*	9/2012	Bosse	D5/57
D694,024	S	*	11/2013	Dwiggins	D5/39
D699,908	S	*	2/2014	Fang	D32/40
D708,805	S	*	7/2014	Mehdizadeh	D32/40
D709,261	S	*	7/2014	Guyaux	D32/40
D712,160	S	*	9/2014	Seitzinger	D5/25
D720,544	S	*	1/2015	Seitzinger	D5/57
D732,781	S	*	6/2015	Gimbel	D32/40
D737,578	S	*	9/2015	Seitzinger	D5/57
D738,632	S	*	9/2015	Seitzinger	D5/57
D738,633	S	*	9/2015	Seitzinger	D5/56
D747,887	S	*	1/2016	Seitzinger	D5/57
D751,827	S	*	3/2016	Olson	D5/57
D767,840	S	*	9/2016	Yamauchi	D32/40
D772,583	S	*	11/2016	Hannen	D5/57
D773,833	S	*	12/2016	Hannen	D5/57
D774,265	S	*	12/2016	Staude	D32/40
D792,042	S	*	7/2017	Parsons	D32/40

OTHER PUBLICATIONS

<https://www.shutterstock.com/image-vector/black-marker-drawn-simple-dots-forming-336792095?src=kYGG0Ctlj4SLsg3X8XniyQ-1-88> accessed on Sep. 12, 2017.*
<https://skimlines.deviantart.com/art/Pattern-Worksheet-103460426> accessed on Sep. 12, 2017.*

* cited by examiner

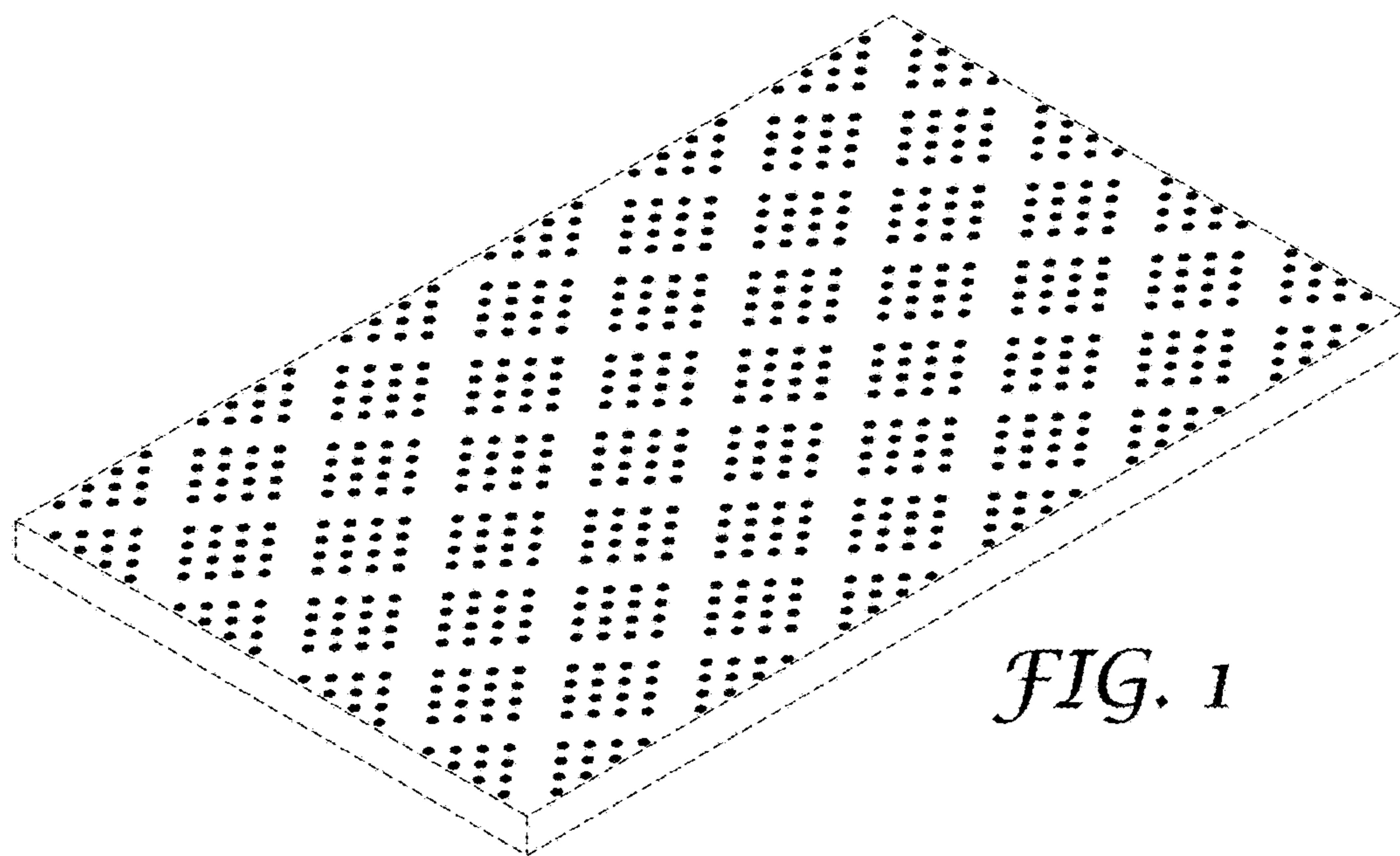


FIG. 1

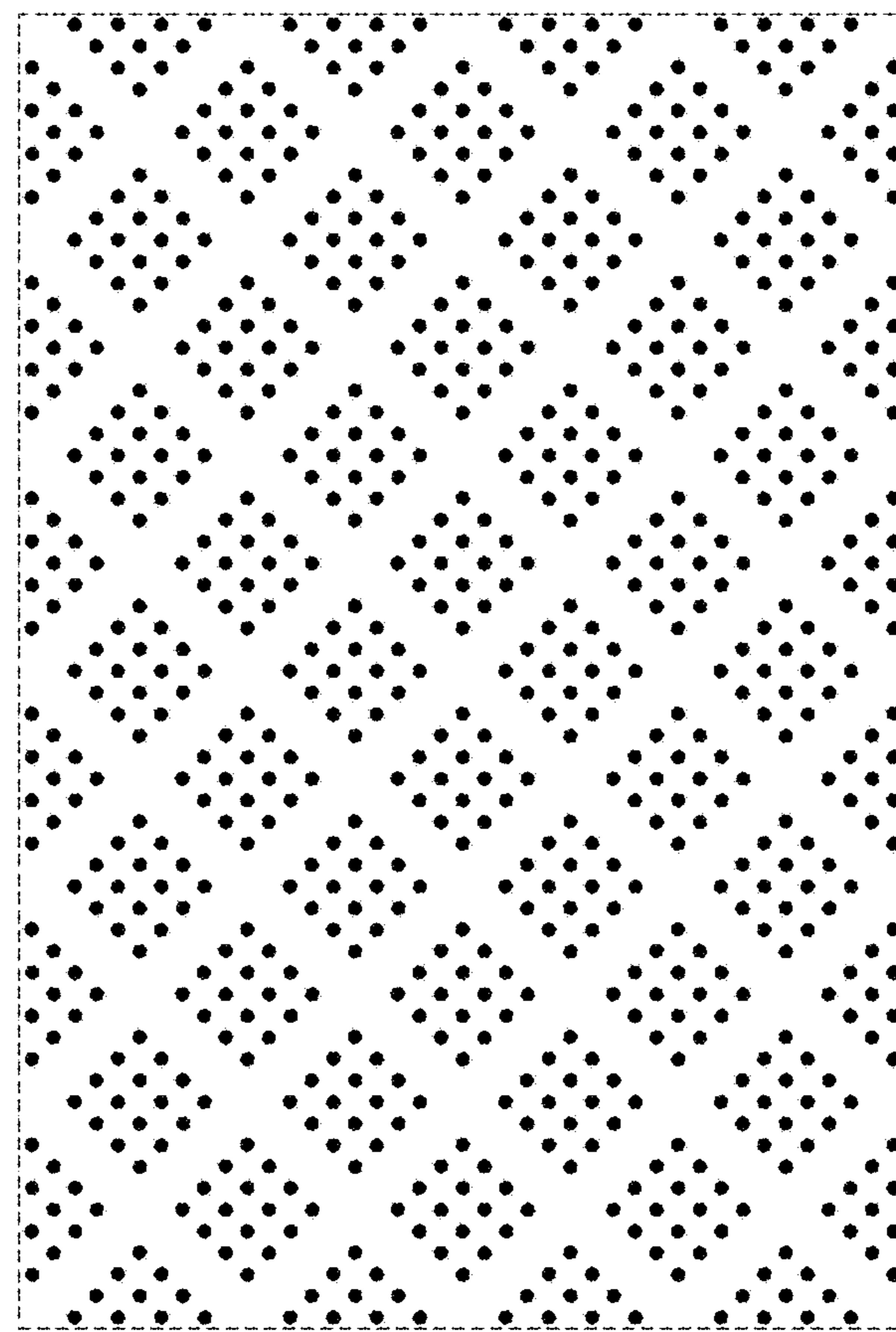


FIG. 2



FIG. 3

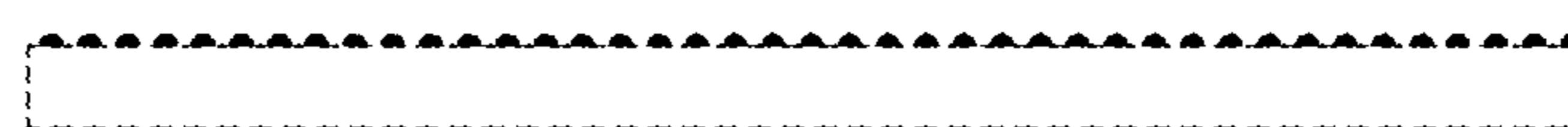


FIG. 4



FIG. 5