

US00D697337S

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

(10) **Patent No.:** **US D697,337 S**
(45) **Date of Patent:** **** *Jan. 14, 2014**

(54) **STACKABLE BASE FOR MATTRESS ASSEMBLY**

2,369,000 A 2/1945 Page
2,429,508 A 10/1947 Belaieff

(Continued)

(75) Inventor: **Julian Thomas Young**, Zebulon, NC (US)

FOREIGN PATENT DOCUMENTS

(73) Assignee: **Nomaco, Inc.**, Zebulon, NC (US)

CN 2137475 Y 7/1993
CN 2302709 Y 1/1999

(Continued)

(*) Notice: This patent is subject to a terminal disclaimer.

OTHER PUBLICATIONS

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

Kelmpner, Daniel et al., "3.3 Open- and Closed-Cell Foamed Plastics," in Handbook of Polymeric Foam and Foam Technology, Second Edition, Hanser Gardner Publications, Inc., Cincinnati, OH, Apr. 2004, pp. 22, 39 and 59.

(21) Appl. No.: **29/426,274**

(Continued)

(22) Filed: **Jul. 3, 2012**

(51) **LOC (10) Cl.** **06-06**

(52) **U.S. Cl.**
USPC **D6/606**; D6/596; D6/601

(58) **Field of Classification Search**
USPC D6/595, 596, 597, 601, 604, 629;
5/420, 630, 633, 636, 637, 645,
5/652-656, 655.9, 639, 644, 640, 701,
5/731, 736, 740, 724, 652.1; D25/157,
D25/163, 138, 49, 141; 52/630; 428/160,
428/158

Primary Examiner — Janice Seeger

(74) *Attorney, Agent, or Firm* — Withrow & Terranova, PLLC

(57) **CLAIM**

The ornamental design for stackable base for mattress assembly, as shown and described.

DESCRIPTION

See application file for complete search history.

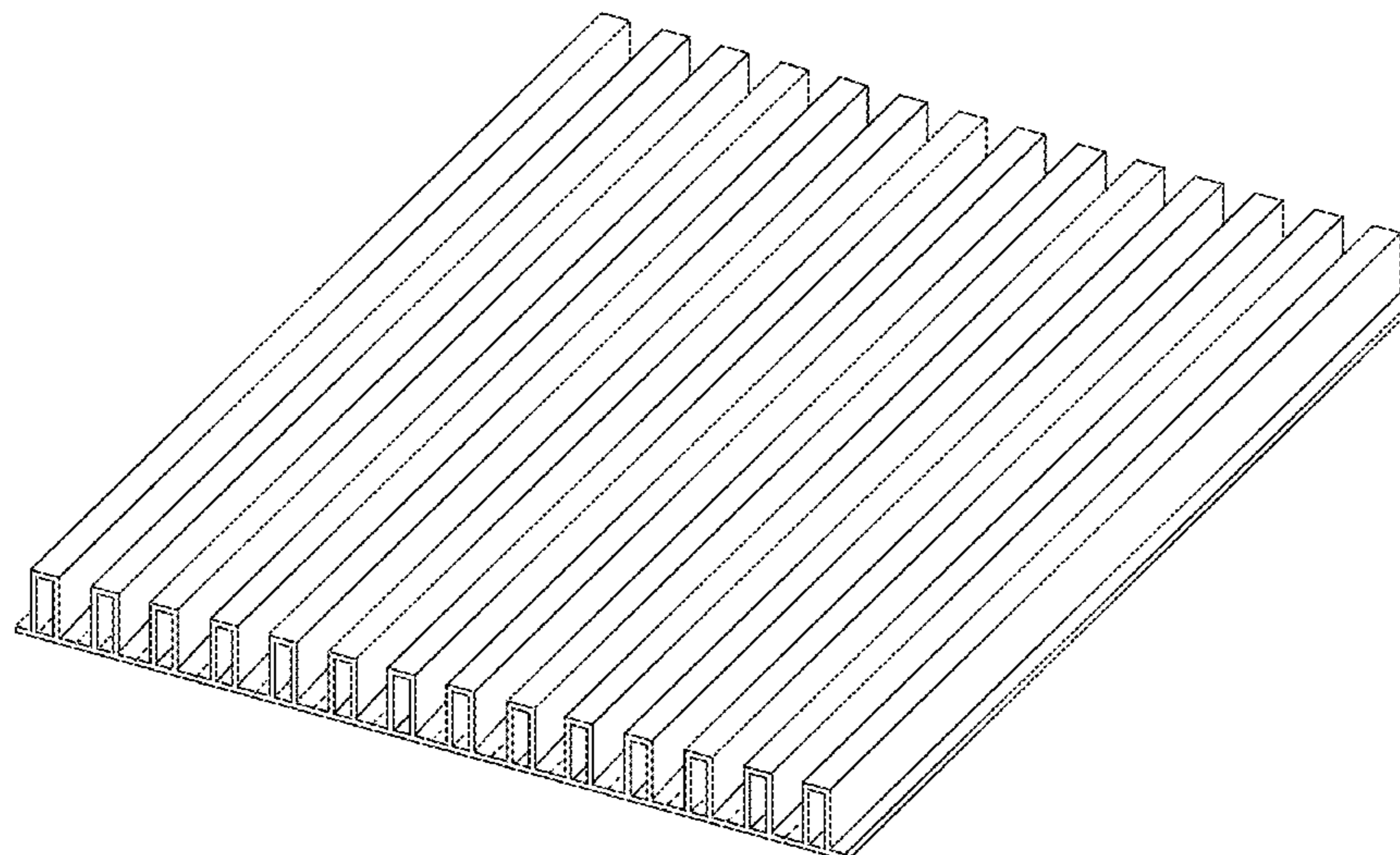
FIG. 1 is a top perspective view of the base;
FIG. 2 is a bottom perspective view of the base of FIG. 1;
FIG. 3 is a top view of the base of FIG. 1;
FIG. 4 is a front view of the base of FIG. 1, and a rear view is identical thereto;
FIG. 5 is a left side view of the base of FIG. 1, and a right side view is identical thereto; and,
FIG. 6 is a bottom view of the base of FIG. 1.
Broken lines in FIGS. 1-4 and 6 are for illustrative purposes only and do not form part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

831,441 A	9/1906	Johnson
1,579,074 A	3/1926	Burton
1,712,014 A	5/1929	Williams
1,930,285 A	10/1933	Robinson
2,192,516 A	3/1940	Cunnington
2,241,644 A	5/1941	Nichols et al.
2,291,868 A	8/1942	Blaha
2,315,543 A	4/1943	Piliero et al.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,604,642 A	7/1952	Marco	4,796,316 A	1/1989	Boselli
2,659,418 A	11/1953	Berman	4,828,325 A	5/1989	Brooks et al.
2,682,125 A *	6/1954	Coffield 40/618	4,837,060 A	6/1989	Bambara et al.
2,714,730 A	8/1955	Piliero	4,837,881 A	6/1989	Kondo et al.
2,835,313 A	5/1958	Dodge	4,879,776 A	11/1989	Farley
2,835,906 A	5/1958	Robbins	4,952,450 A	8/1990	Noel
2,917,807 A	12/1959	Scholl	D310,460 S *	9/1990	Vergnano D6/583
2,955,056 A	10/1960	Knox	4,955,096 A	9/1990	Gilroy et al.
RE24,914 E	12/1960	Koenigsberg	4,957,798 A	9/1990	Bogdany et al.
3,010,122 A	11/1961	Koenigsberg	4,966,919 A	10/1990	Williams et al.
3,026,544 A	3/1962	Persicke et al.	4,972,535 A	11/1990	Goldman
3,047,888 A	8/1962	Shecter et al.	4,997,804 A	3/1991	Pekala
3,061,460 A	10/1962	Schickedanz	4,999,868 A	3/1991	Kraft et al.
3,107,377 A	10/1963	Nathan	5,022,111 A	6/1991	Fenner, Sr.
3,114,722 A	12/1963	Einhorn et al.	5,031,261 A	7/1991	Fenner
3,188,665 A	6/1965	Snyder	5,037,859 A	8/1991	Williams et al.
3,222,697 A	12/1965	Scheermesser	5,038,433 A	8/1991	Farley
3,283,357 A	11/1966	Decker et al.	5,047,436 A	9/1991	Hill et al.
3,287,748 A	11/1966	Trogdon et al.	5,070,560 A	12/1991	Wilkinson
3,319,272 A	5/1967	Eller	D322,907 S	1/1992	Raburn
3,483,069 A	12/1969	Lindstrom et al.	5,083,335 A	1/1992	Krouskop et al.
3,531,552 A	9/1970	Getz et al.	5,086,084 A	2/1992	Michaelson et al.
3,551,924 A	1/1971	Frye	5,087,514 A	2/1992	Graefe et al.
3,591,444 A	7/1971	Hoppe	5,098,778 A	3/1992	Minnick et al.
3,607,596 A	9/1971	Fairbanks	5,114,773 A	5/1992	Bogdany et al.
3,607,797 A	9/1971	Rubens et al.	5,118,555 A	6/1992	Horovitz
3,627,622 A	12/1971	Vega	5,132,549 A	7/1992	Allan et al.
3,691,569 A	9/1972	Ikada	5,136,740 A	8/1992	Kraft
3,728,206 A	4/1973	Buese	5,138,730 A	8/1992	Masuda
3,813,462 A	5/1974	Roberts	5,159,725 A	11/1992	Larson
3,846,857 A	11/1974	Weinstock	5,206,082 A	4/1993	Malone
3,878,133 A	4/1975	Rubens et al.	5,248,550 A	9/1993	Turpin et al.
3,922,429 A	11/1975	Welch et al.	5,272,001 A	12/1993	Weisman et al.
3,989,781 A	11/1976	Chant et al.	5,274,846 A	1/1994	Kolsky
3,999,234 A	12/1976	Regan	5,280,890 A	1/1994	Wydra
4,051,210 A	9/1977	Wallenberger et al.	5,327,597 A	7/1994	Rothbard
D247,373 S	2/1978	Puccio	5,366,999 A	11/1994	Giez et al.
4,073,020 A	2/1978	Stalter et al.	5,389,317 A	2/1995	Grimmer
4,089,324 A	5/1978	Tjaden	5,393,588 A	2/1995	Weddendorf
4,106,139 A	8/1978	Southard	5,395,860 A	3/1995	Leung et al.
4,110,857 A	9/1978	Banister	5,415,822 A	5/1995	Cook et al.
4,134,166 A	1/1979	Schuder	5,418,257 A	5/1995	Weisman et al.
4,143,435 A	3/1979	Masuda	5,430,901 A	7/1995	Farley
4,146,562 A	3/1979	Fukushima et al.	5,451,451 A	9/1995	Minnick et al.
4,159,355 A	6/1979	Kaufman	5,467,488 A	11/1995	Wagner
4,169,184 A	9/1979	Pufahl	5,469,590 A	11/1995	Simon
4,213,214 A	7/1980	Gilhooly	5,488,746 A	2/1996	Hudson
4,224,374 A	9/1980	Priest et al.	5,491,852 A	2/1996	Maucher
4,230,521 A	10/1980	Cobb et al.	5,492,662 A	2/1996	Kargol
4,260,660 A	4/1981	McCarter et al.	5,494,627 A	2/1996	Kargol et al.
4,276,107 A	6/1981	Pufahl	5,513,402 A	5/1996	Schwartz
4,279,953 A	7/1981	Barden	5,523,144 A	6/1996	Dyer, Jr.
4,281,197 A	7/1981	Oblinger	5,544,908 A	8/1996	Fezio
4,348,243 A	9/1982	Craubner	5,604,021 A	2/1997	Wagner
4,350,734 A	9/1982	Hammond	5,636,396 A	6/1997	Workman et al.
4,393,116 A	7/1983	Taylor	5,642,557 A	7/1997	Clews
4,397,053 A	8/1983	Fanti	5,643,139 A	7/1997	Stout et al.
4,432,110 A	2/1984	Sutton	5,686,167 A	11/1997	Rudy
4,438,221 A	3/1984	Fracalossi et al.	5,701,623 A	12/1997	May et al.
4,524,473 A	6/1985	Fanti	5,721,035 A	2/1998	Dunn et al.
4,525,386 A	6/1985	Weisman	5,740,574 A	4/1998	Piraino et al.
4,537,825 A	8/1985	Yardley et al.	D394,578 S	5/1998	Raburn
4,569,861 A	2/1986	Smith et al.	5,755,901 A	5/1998	Ormachea et al.
4,603,445 A	8/1986	Spann	5,756,022 A	5/1998	Siegel et al.
4,618,517 A	10/1986	Simko, Jr.	5,801,211 A	9/1998	Tornero et al.
4,620,337 A	11/1986	Williams et al.	5,806,796 A	9/1998	Healey et al.
4,631,768 A	12/1986	Ferrall et al.	D401,451 S	11/1998	Sherman
4,683,246 A	7/1987	Davis et al.	D406,051 S	2/1999	Ross
4,700,447 A	10/1987	Spann	5,869,172 A	2/1999	Caldwell
4,713,854 A	12/1987	Graebe	5,876,652 A	3/1999	Rorabaugh et al.
4,722,158 A *	2/1988	Urdaneta 52/316	5,919,413 A	7/1999	Avila
4,741,058 A	5/1988	Williams et al.	5,940,908 A	8/1999	Gladney
4,755,408 A	7/1988	Noel	5,944,389 A	8/1999	Zenba et al.
4,780,167 A	10/1988	Hill	5,945,461 A	8/1999	Gosiewski et al.
4,788,731 A	12/1988	Yokoi et al.	5,960,497 A	10/1999	Castellino et al.
			5,977,271 A	11/1999	McKay et al.
			5,987,668 A	11/1999	Ackley
			D418,394 S	1/2000	King
			6,026,527 A	2/2000	Pearce et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

6,108,835	A	8/2000	Hwang et al.	8,209,804	B2	7/2012	Apperson et al.
6,128,798	A	10/2000	Barman et al.	8,307,482	B2	11/2012	Gladney et al.
6,129,978	A	10/2000	Caldwell	D673,402	S	1/2013	Kuzyk
6,132,323	A	10/2000	Smith et al.	D675,051	S	1/2013	Sobran et al.
6,139,956	A	10/2000	Endoh et al.	8,356,373	B2	1/2013	Allman et al.
6,212,720	B1	4/2001	Antinori et al.	D675,856	S	2/2013	Yiannaki
6,237,173	B1	5/2001	Schlichter et al.	8,418,297	B2	4/2013	Mikkelsen et al.
6,258,310	B1	7/2001	Sardanopoli et al.	2001/0008029	A1	7/2001	Thomas et al.
6,262,137	B1	7/2001	Kozma et al.	2001/0029632	A1	10/2001	Parvin
6,273,866	B2	8/2001	Thomas et al.	2001/0044972	A1	11/2001	Kutschi
6,284,346	B1	9/2001	Sheridan	2002/0054996	A1	5/2002	Rheenen
6,306,235	B1	10/2001	Henderson	2002/0162173	A1	11/2002	Formenti
6,309,235	B1	10/2001	Argaut	2002/0185905	A1	12/2002	Cassinelli
6,317,912	B1	11/2001	Graebe et al.	2003/0025065	A1	2/2003	Hashimoto
6,323,251	B1	11/2001	Perez et al.	2003/0177584	A1	9/2003	Boyd
D456,197	S	4/2002	McClure et al.	2003/0194546	A1	10/2003	McCabe
6,406,780	B1	6/2002	Sutherland	2003/0207634	A1	11/2003	Holeschovsky
6,425,153	B1	7/2002	Reswick	2004/0010855	A1	1/2004	Piraino
D467,118	S	12/2002	McClure et al.	2004/0126558	A1	7/2004	Williams et al.
6,537,405	B1	3/2003	Henderson et al.	2004/0133987	A1	7/2004	Reeder et al.
6,555,214	B1	4/2003	Yates	2004/0137212	A1	7/2004	Ochoa et al.
6,574,814	B2	6/2003	Collard et al.	2004/0172766	A1	9/2004	Formenti
6,596,389	B1	7/2003	Hallett et al.	2004/0187217	A1	9/2004	Barman et al.
6,612,556	B2	9/2003	Petrina	2004/0226098	A1	11/2004	Pearce
6,643,876	B2	11/2003	Visser et al.	2005/0115003	A1	6/2005	Torbet et al.
6,658,683	B2	12/2003	Parvin	2005/0188467	A1	9/2005	Woolfson
6,687,935	B2	2/2004	Reeder et al.	2005/0192368	A1	9/2005	Miller et al.
6,691,482	B1	2/2004	Ault	2006/0068169	A1	3/2006	Hanada
6,701,551	B1	3/2004	Antinori	2006/0123553	A1	6/2006	Jansen
6,740,381	B2	5/2004	Day et al.	2006/0127648	A1	6/2006	De Luca
6,743,830	B2	6/2004	Soane et al.	2006/0194892	A1	8/2006	Ramesh et al.
6,760,940	B2	7/2004	Gladney et al.	2006/0195988	A1	9/2006	Gladney
6,807,698	B2	10/2004	Torbet et al.	2006/0253988	A1	11/2006	Pearce
6,813,791	B2	11/2004	Mossbeck et al.	2006/0272098	A1	12/2006	Hochschild
6,866,915	B2	3/2005	Landvik	2006/0290039	A1	12/2006	Cao et al.
6,920,287	B1	7/2005	Hinds et al.	2007/0022540	A1	2/2007	Hochschild
6,949,588	B2	9/2005	Park	2007/0044906	A1	3/2007	Park
6,967,833	B2	11/2005	Boykin et al.	2007/0070684	A1	3/2007	Poulos
7,045,206	B1	5/2006	Granata et al.	2007/0094801	A1	5/2007	Kuo
7,059,001	B2	6/2006	Woolfson	2007/0221890	A1	9/2007	Gan
7,076,822	B2	7/2006	Pearce	2007/0289069	A1	12/2007	Wells
7,082,635	B2	8/2006	Barman et al.	2008/0014387	A1	1/2008	Murphy
7,086,108	B1	8/2006	Litvak	2008/0201860	A1	8/2008	Malzl
7,090,911	B2	8/2006	Lascelles	2008/0299379	A1	12/2008	Maurer et al.
7,093,619	B2	8/2006	Watanabe et al.	2008/0313815	A1	12/2008	Guesquiere
7,108,252	B2	9/2006	Jayakumaran	2009/0011203	A1	1/2009	Mock et al.
7,159,620	B2	1/2007	Kissell	2009/0013472	A1	1/2009	Koffler et al.
7,166,646	B2	1/2007	Loh et al.	2009/0047495	A1	2/2009	Hubbs
7,173,070	B2	2/2007	Koffler	2009/0139033	A1	6/2009	Gladney
7,191,483	B2	3/2007	Hochschild	2009/0142551	A1	6/2009	Fox et al.
7,281,917	B2	10/2007	Hannen	2009/0183314	A1	7/2009	Demoss
7,285,316	B2	10/2007	Meyer-Ahrens et al.	2009/0291290	A1	11/2009	Zhang et al.
7,334,280	B1	2/2008	Swartzburg	2010/0000020	A1	1/2010	Poulos
7,386,903	B2	6/2008	Hochschild	2010/0018347	A1	1/2010	Holden et al.
7,393,577	B2	7/2008	Day et al.	2010/0021690	A1	1/2010	McCarthy
7,426,767	B2	9/2008	Mossbeck	2010/0030316	A1	2/2010	Prindle et al.
D579,586	S	10/2008	Mattingly	2010/0047550	A1	2/2010	Prissok et al.
7,452,585	B1	11/2008	Wong et al.	2010/0143652	A1	6/2010	Stockton et al.
7,490,819	B2	2/2009	Molitor	2010/0146706	A1	6/2010	Siegner et al.
7,491,753	B2	2/2009	Krishnan	2010/0183847	A1	7/2010	Pearce et al.
7,496,981	B2	3/2009	Alonso Cucurull	2010/0218319	A1	9/2010	Moule et al.
7,574,762	B2	8/2009	Baker	2010/0221521	A1	9/2010	Wagner et al.
7,587,776	B2	9/2009	Poulos	2010/0223732	A1	9/2010	Allman et al.
7,607,911	B2	10/2009	Sperry et al.	2010/0223734	A1	9/2010	Oh
7,793,372	B2	9/2010	Lean et al.	2010/0227091	A1	9/2010	Pearce
7,794,827	B2	9/2010	Palmer et al.	2010/0237082	A1	9/2010	Fernandez
7,805,780	B2	10/2010	Davis et al.	2010/0304104	A1	12/2010	Nagasaki et al.
7,841,031	B2	11/2010	Rawls-Meehan	2010/0319137	A1	12/2010	Witherell et al.
7,845,035	B2	12/2010	Letton et al.	2010/0325806	A1	12/2010	Letton et al.
7,930,777	B2	4/2011	Davis et al.	2011/0049327	A1	3/2011	Young et al.
D640,535	S	6/2011	Austro	2011/0179579	A1	7/2011	Henderson et al.
8,034,445	B2	10/2011	Landvik et al.	2011/0197363	A1	8/2011	Kokenes et al.
8,127,383	B2	3/2012	Gladney et al.	2011/0252572	A1	10/2011	Morrison
8,181,296	B2	5/2012	Rawls-Meehan	2011/0302721	A1	12/2011	Khambete et al.
D663,152	S	7/2012	Shive	2012/0180225	A1	7/2012	Gladney et al.
				2012/0233784	A1	9/2012	Wood
				2012/0272457	A1	11/2012	Allman et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0284928 A1 11/2012 Henderson et al.
2013/0098791 A1 4/2013 Saunders et al.

FOREIGN PATENT DOCUMENTS

CN	1233444	A	11/1999
CN	2432041	Y	5/2001
CN	2841067	Y	11/2006
DE	3937214	A1	5/1991
EP	0349620	A1	6/1989
EP	0209453	B2	9/1993
EP	0996654	B1	2/2004
EP	1825996	A1	8/2007
EP	1865812	A1	12/2007
EP	1914274	A1	4/2008
EP	2095745	A1	9/2009
EP	2247223	B1	3/2013
GB	1423541	A	2/1976
GB	2225229	A	5/1990
WO	9514136	A1	5/1995
WO	9522922	A1	8/1995
WO	02075203	A1	9/2002
WO	02077513	A1	10/2002
WO	2004041659	A2	5/2004
WO	2008100728	A2	8/2008
WO	2009014657	A1	1/2009
WO	2010075231	A1	7/2010
WO	2011150080	A1	12/2011
WO	2012033985	A1	3/2012
WO	2012076978	A1	6/2012
WO	2012094468	A1	7/2012
WO	2012145320	A1	10/2012
WO	2012155131	A1	11/2012
WO	2012155132	A1	11/2012
WO	2012094466	A1	12/2012
WO	2013012904	A1	1/2013
WO	2013040543	A3	3/2013
WO	2013059767	A1	4/2013
WO	2013106066	A1	7/2013
WO	2013112176	A1	8/2013
WO	2013112840	A1	8/2013

OTHER PUBLICATIONS

Smock, D., "One-step SkinForm process went live at NPE2012," Plasticstoday.com, Apr. 13, 2012, 2 pages, Accessed Apr. 18, 2012.
European Search Report for European Patent Application No. 10749317.3 mailed Oct. 30, 2012, 7 pages.
International Preliminary Report on Patentability for PCT/US2011/024759 mailed Aug. 14, 2012, 8 pages.
International Search Report and Written Opinion for PCT/US2011/024759 mailed Apr. 7, 2011, 10 pages.
Invitation to Pay Additional Fees for PCT/US2012/035564 mailed Jan. 17, 2013, 7 pages.
International Search Report for PCT/US2012/057917 mailed Dec. 21, 2012, 11 pages.
Non-final Office Action for U.S. Appl. No. 12/716,804 mailed Jun. 21, 2012, 10 pages.
Notice of Allowance for U.S. Appl. No. 12/716,804 mailed Dec. 11, 2012, 9 pages.
Non-final Office Action for U.S. Appl. No. 29/413,103 mailed Jan. 8, 2013, 5 pages.
International Search Report for PCT/US2010/040003 mailed Aug. 30, 2010, 10 pages.
Non-final Office Action for U.S. Appl. No. 12/893,265 mailed May 15, 2012, 15 pages.

Chinese Office Action for patent application 20102187662.1 mailed Nov. 9, 2010, 5 pages.
Non-final Office Action for U.S. Appl. No. 12/823,653 mailed Mar. 7, 2012, 6 pages.
Notice of Allowance for U.S. Appl. No. 29/436,787 mailed Jul. 5, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/436,790 mailed Jul. 5, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/436,782 mailed Jul. 8, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/413,103 mailed Jul. 9, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/428,120 mailed Jul. 23, 2013, 7 pages.
International Search Report for PCT/US2012/035564 mailed Mar. 26, 2013, 13 pages.
Notice of Allowance for U.S. Appl. No. 29/436,783 mailed Mar. 14, 2013, 6 pages.
Non-final Office Action for U.S. Appl. No. 29/436,793 mailed Mar. 15, 2013, 5 pages.
Non-final Office Action for U.S. Appl. No. 29/436,801 mailed Mar. 15, 2013, 6 pages.
Non-final Office Action for U.S. Appl. No. 29/436,831 mailed Mar. 15, 2013, 5 pages.
Non-final Office Action for U.S. Appl. No. 29/436,833 mailed Mar. 15, 2013, 5 pages.
Non-final Office Action for U.S. Appl. No. 29/436,847 mailed Mar. 15, 2013, 5 pages.
Non-final Office Action for U.S. Appl. No. 29/436,860 mailed Mar. 15, 2013, 5 pages.
Final Office Action for U.S. Appl. No. 12/893,265 mailed Mar. 15, 2013, 12 pages.
Notice of Allowance for U.S. Appl. No. 29/436,781 mailed Mar. 19, 2013, 7 pages.
Non-final Office Action for U.S. Appl. No. 29/436,792 mailed Mar. 19, 2013, 5 pages.
Non-final Office Action for U.S. Appl. No. 29/436,806 mailed Mar. 21, 2013, 6 pages.
Notice of Allowance for U.S. Appl. No. 29/436,786 mailed Mar. 19, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/436,781 mailed May 24, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/436,782 mailed May 24, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/436,783 mailed May 28, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/436,786 mailed May 28, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/436,787 mailed May 13, 2013, 8 pages.
Notice of Allowance for U.S. Appl. No. 29/436,790 mailed May 28, 2013, 8 pages.
Non-final Office Action for U.S. Appl. No. 29/436,795 mailed May 23, 2013, 6 pages.
Non-final Office Action for U.S. Appl. No. 29/436,799 mailed May 23, 2013, 6 pages.
Non-final Office Action for U.S. Appl. No. 29/436,842 mailed May 23, 2013, 6 pages.
Notice of Allowance for U.S. Appl. No. 29/413,103 mailed May 2, 2013, 7 pages.
Official Action for Mexican patent application MX/a/2011/009080 mailed Mar. 22, 2013, 6 pages.
Canadian Office Action for Canadian patent application 2,783,886 mailed Mar. 21, 2013, 3 pages.
Non-final Office Action for U.S. Appl. No. 13/026,979 mailed May 17, 2013, 11 pages.

* cited by examiner

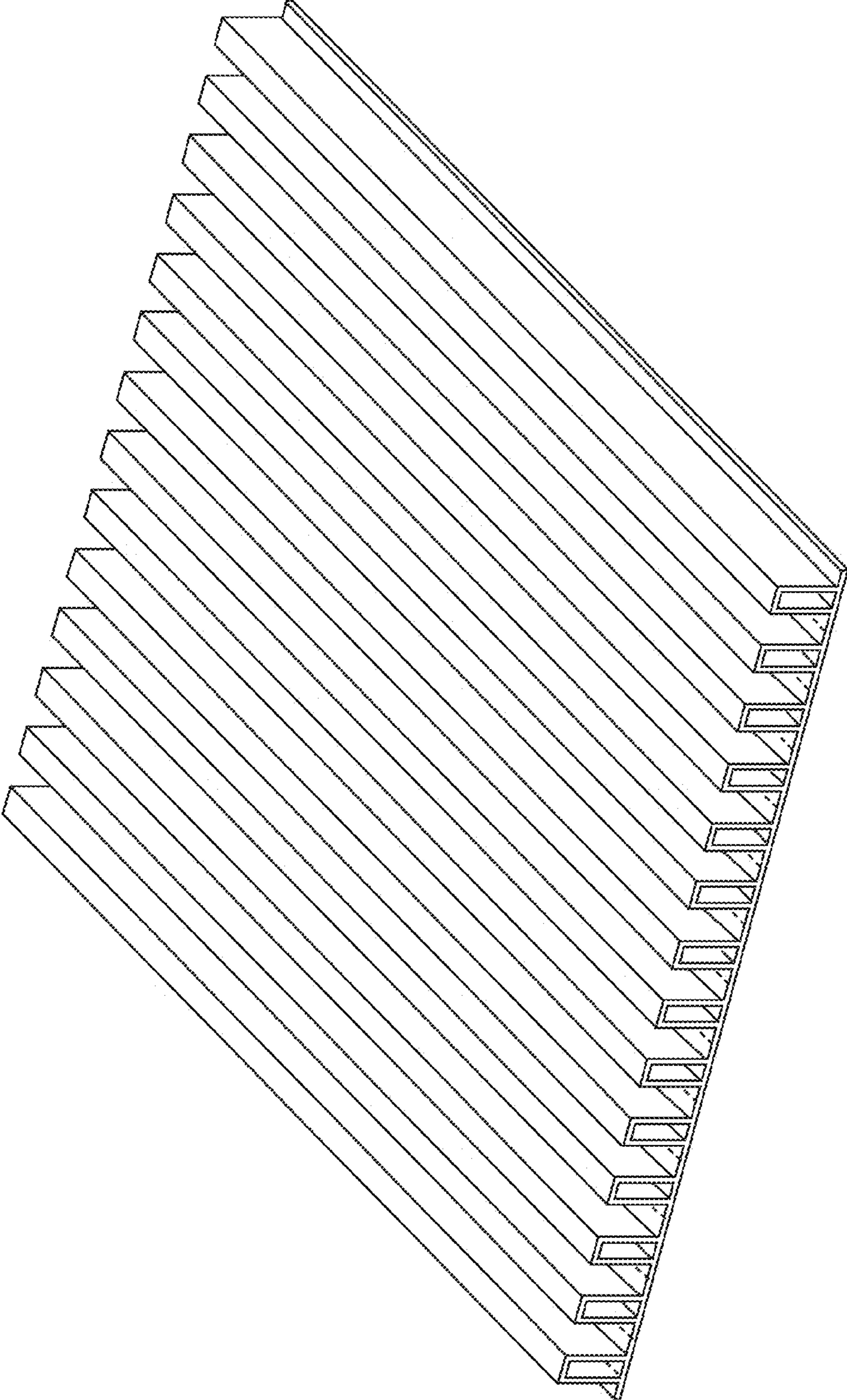


FIG. 1

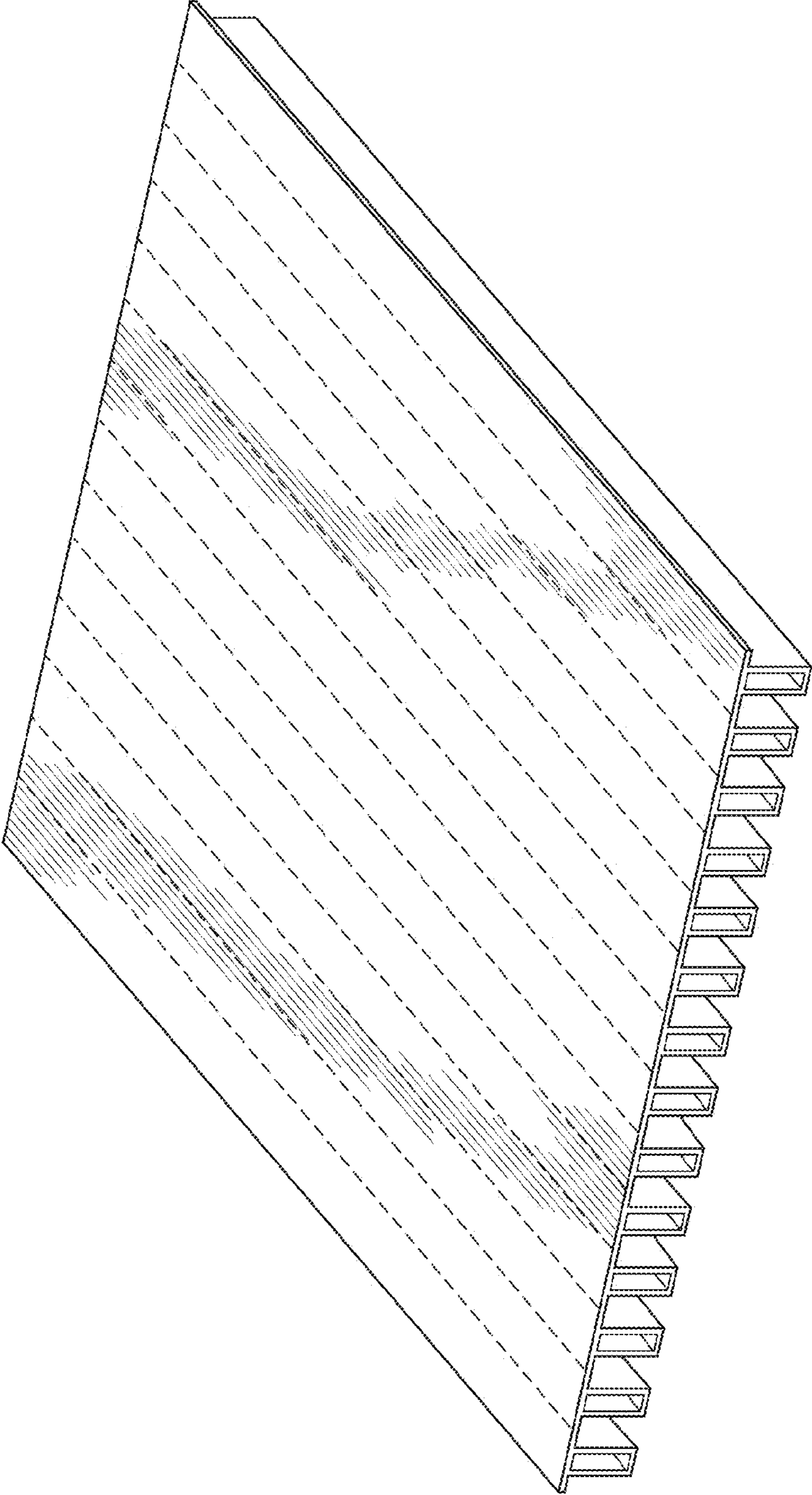


FIG. 2

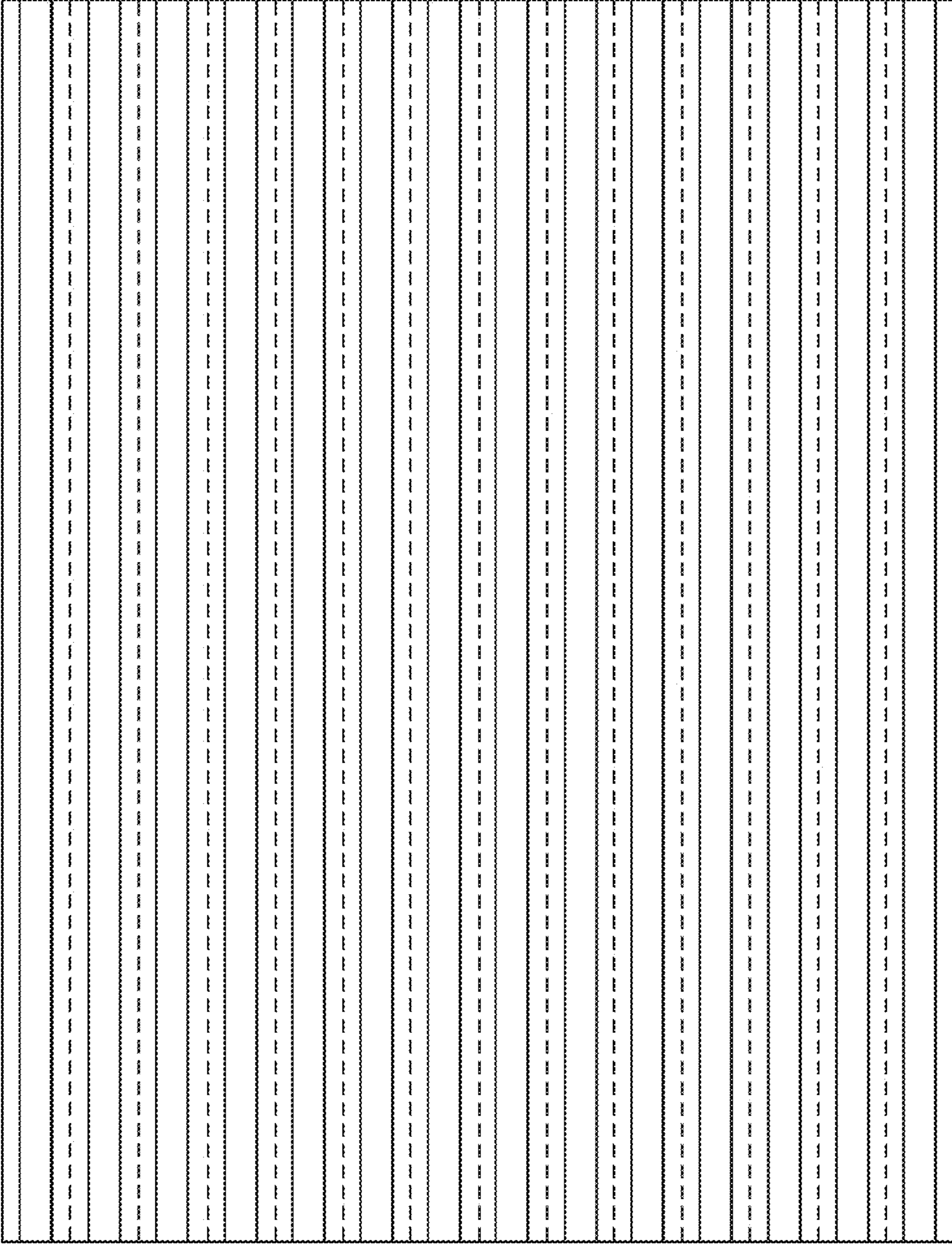


FIG. 3

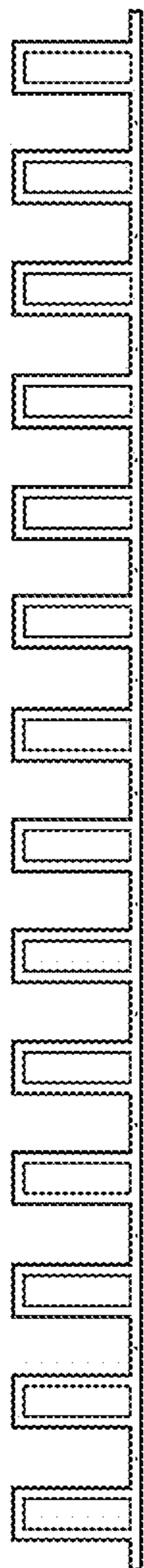


FIG. 4



FIG. 5

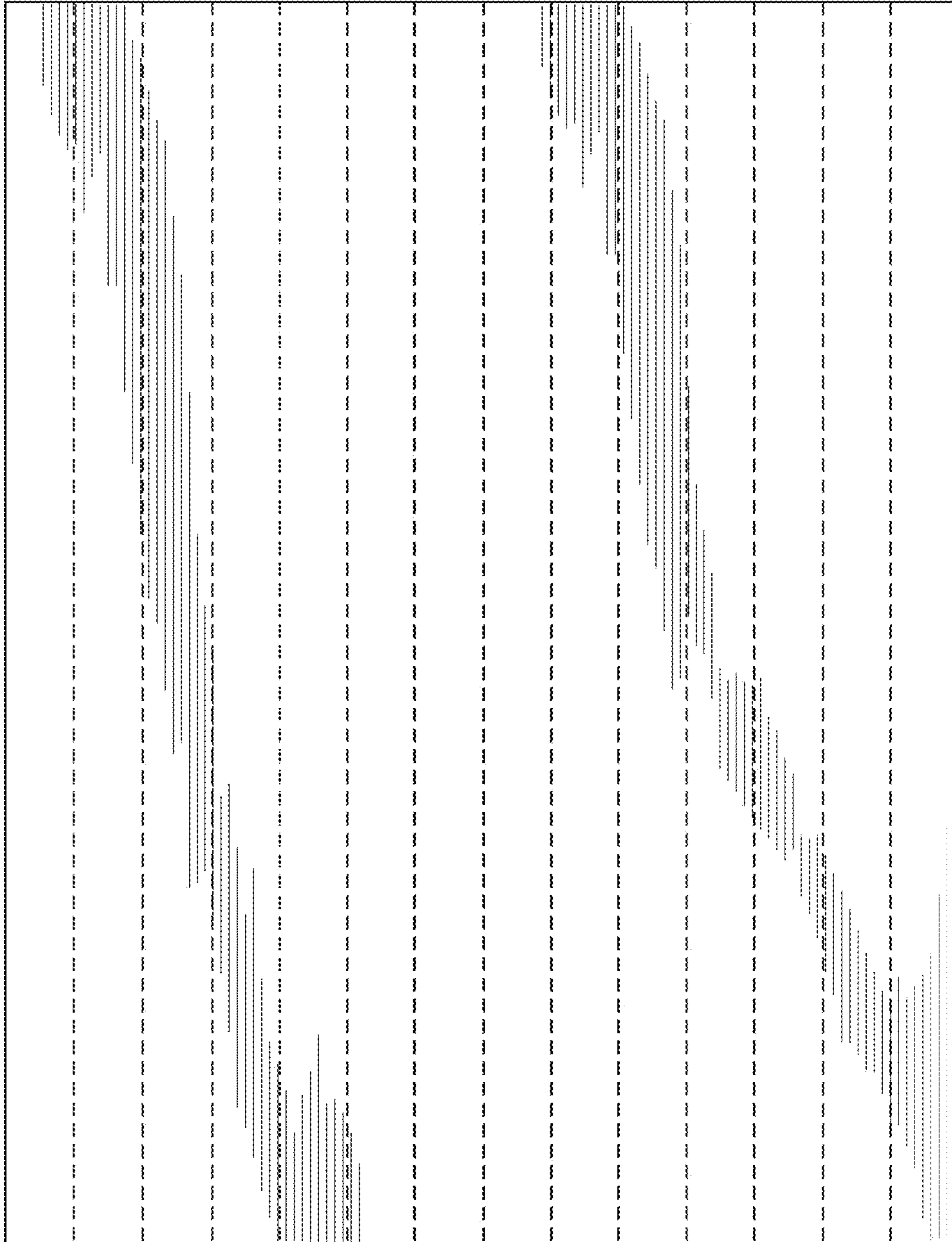


FIG. 6