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(12) **United States Design Patent** (10) **Patent No.:** **US D960,329 S**
Brown et al. (45) **Date of Patent:** **** Aug. 9, 2022**

(54) **URINAL SCREEN**

OTHER PUBLICATIONS

(71) Applicant: **Fresh Products, Inc.**, Perrysburg, OH (US)

Fresh Products 3WDS60SAP Wave 3-D Urinal Deodorizer Screen, Red; Spiced Apple Fragrance; First Available Date May 10, 2013; Visited Online Feb. 5, 2022; https://www.amazon.com/Fresh-Products-3WDS60SAP-Deodorizer-Fragrance/dp/B00MX5A9ME/ref=pd_lpo_2?pd_rd_i=B00MX5A9ME&psc=1 (Year: 2013).*

(72) Inventors: **Douglas S. Brown**, Toledo, OH (US); **Jeffrey A. Smith**, Toledo, OH (US)

(Continued)

(73) Assignee: **The Fresh Products, Inc.**, Perrysburg, OH (US)

Primary Examiner — Amy C Wierenga

(**) Term: **15 Years**

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear, LLP

(21) Appl. No.: **29/701,433**

(57) **CLAIM**

(22) Filed: **Aug. 12, 2019**

The ornamental design for a urinal screen, as shown and described.

Related U.S. Application Data

DESCRIPTION

(63) Continuation of application No. 29/592,847, filed on Feb. 2, 2017, now Pat. No. Des. 857,181, which is a (Continued)

(51) **LOC (13) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/261**

(58) **Field of Classification Search**
USPC D23/208–209, 259–261, 303, 310;
4/222.1, 251.1, 256.1, 290–292, DIG. 5;
D6/582

(Continued)

FIG. 1 is a front, left, and top side perspective view of a first embodiment of a urinal screen embodying our new design; FIG. 2 is a top plan view thereof; FIG. 3 is a bottom plan view thereof; FIG. 4 is a right side elevational view thereof; FIG. 5 is a left side elevational view thereof; FIG. 6 is a front side elevational view thereof; FIG. 7 is a back side elevational view thereof; FIG. 8 is a front, left, and top side perspective view of a second embodiment of a urinal screen embodying our new design; FIG. 9 is a top plan view thereof; FIG. 10 is a bottom plan view thereof; FIG. 11 is a left side elevational view thereof; FIG. 12 is a right side elevational view thereof; FIG. 13 is a front side elevational view thereof; and, FIG. 14 is a back side elevational view thereof. Broken lines are used to illustrate features of the urinal screen which form no part of the claimed design. Dot-dash lines are used to illustrate boundary lines and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

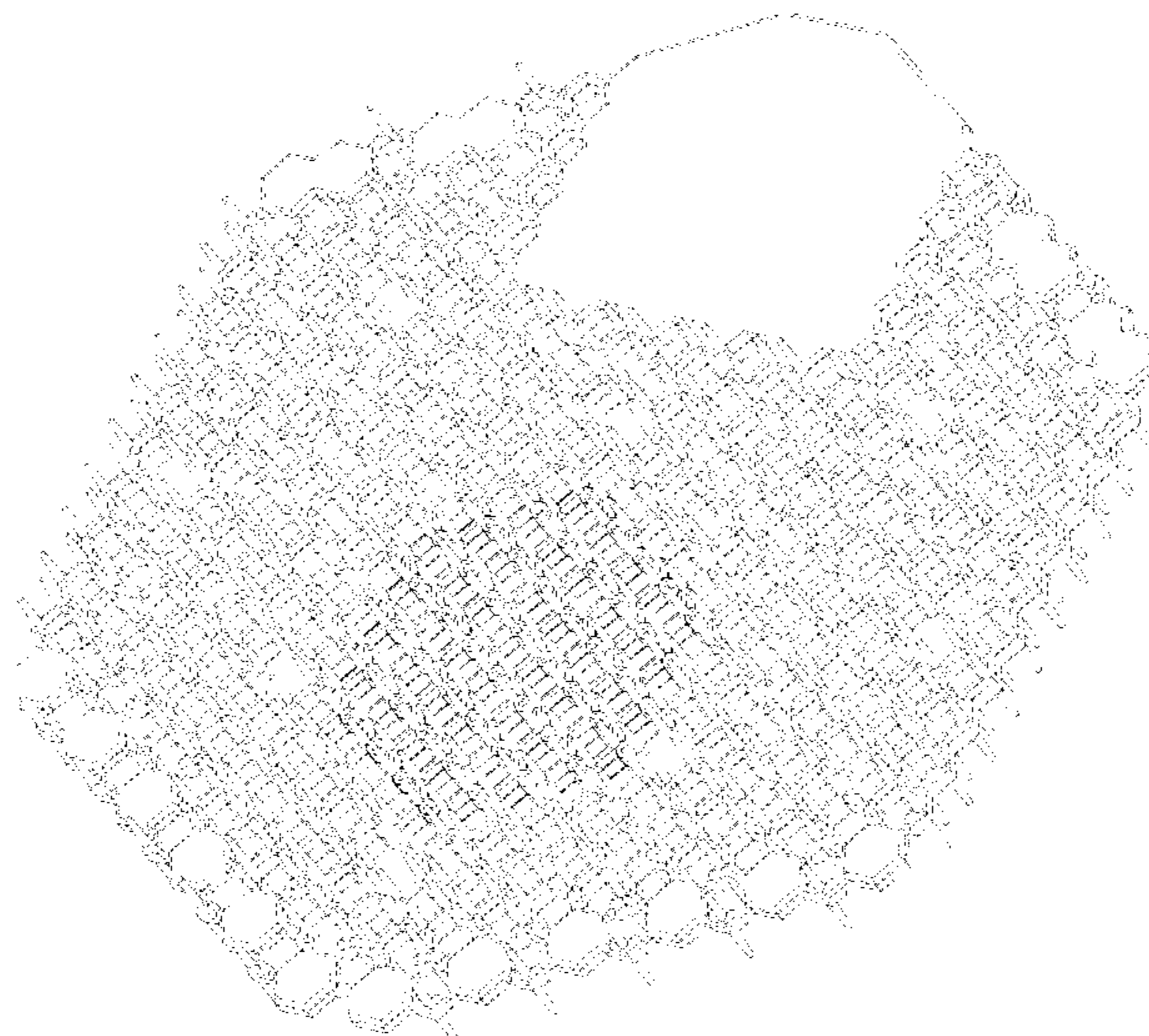
333,935 A 1/1886 Duncan
487,130 A 11/1892 Schoen
(Continued)

FOREIGN PATENT DOCUMENTS

CN 103321290 9/2013
CN 203458322 3/2014

(Continued)

1 Claim, 10 Drawing Sheets



Related U.S. Application Data
 continuation of application No. 29/508,397, filed on
 Nov. 5, 2014, now Pat. No. Des. 778,411.
 (58) **Field of Classification Search**
 CPC A47K 1/14; E03D 13/005
 See application file for complete search history.

(56) **References Cited**
 U.S. PATENT DOCUMENTS

555,888	A	3/1896	Roberts	
557,762	A	4/1896	Brockman	
571,275	A *	11/1896	Maxwell et al. E03D 13/00 4/309
675,947	A	6/1901	Hack	
810,973	A	1/1906	Pattenden et al.	
927,026	A *	7/1909	Clayton E03D 13/00 4/301
950,574	A	3/1910	Morgan	
1,109,904	A	9/1914	Dahlgren	
1,186,345	A	6/1916	Sleight	
1,208,675	A	12/1916	Sleight	
1,260,082	A	3/1918	Sleight	
1,292,856	A *	1/1919	Niblo E03C 1/262 4/652
1,731,431	A	10/1929	Meyer	
1,880,962	A	10/1932	Koppelman	
1,886,676	A	11/1932	Heuacker	
1,935,128	A	11/1933	Pullman	
2,011,732	A	8/1935	Saeks	
2,020,864	A	11/1935	Aronson et al.	
2,087,592	A	7/1937	Chesnut	
2,211,970	A	8/1940	Fischer	
2,233,234	A	2/1941	Wilson	
2,447,178	A	8/1948	Hatchette	
2,506,669	A	5/1950	Heuacker	
2,508,808	A	5/1950	Warman	
2,679,054	A	5/1954	Singleton	
2,690,569	A	10/1954	Kozerski	
2,931,047	A	4/1960	Stebbins	
2,984,841	A	5/1961	Wilson	
D194,776	S	3/1963	Clark	
D194,777	S	3/1963	Clark	
3,170,169	A	2/1965	Clark	
3,237,330	A	3/1966	Dinstbir	
3,248,740	A *	5/1966	Wisnom E03D 13/005 4/DIG. 10
3,268,920	A	8/1966	Beer	
3,329,998	A	7/1967	Stohr	
3,387,069	A	6/1968	Stohr	
3,422,558	A	1/1969	Fee	
3,540,433	A	11/1970	Brockman	
3,597,772	A	8/1971	Leavitt et al.	
3,614,790	A	10/1971	Billingsly et al.	
3,631,560	A	1/1972	Atkins	
3,723,998	A	4/1973	Wehr	
3,752,121	A	8/1973	Brazzell	
3,760,429	A	9/1973	Brownstein	
3,788,485	A	1/1974	Bruning	
3,804,796	A	4/1974	Alexandre	
3,824,633	A	7/1974	Van Vlahakis	
3,837,988	A	9/1974	Hennen et al.	
3,867,953	A	2/1975	Stohr	
3,899,192	A	8/1975	Reddaway	
3,923,442	A	12/1975	Stohr	
3,935,602	A	2/1976	Kale	
4,010,497	A	3/1977	Menter et al.	
4,095,031	A	6/1978	Engle	
4,103,367	A	8/1978	Kaufer	
D253,145	S	10/1979	Adam	
D255,744	S	7/1980	Oekko	
4,212,153	A	7/1980	Kydonieus et al.	
4,215,443	A	8/1980	Babik	
4,230,582	A	10/1980	Tuleja	
D258,181	S	2/1981	Adam	
D258,472	S	3/1981	Adam	

4,305,216	A	12/1981	Skelton	
4,361,606	A	11/1982	Butler et al.	
4,389,963	A	6/1983	Pearson	
4,405,509	A	9/1983	Rogers et al.	
4,408,557	A	10/1983	Bradley et al.	
4,418,432	A	12/1983	Vidal	
4,440,542	A	4/1984	Foley	
4,490,862	A	1/1985	Vidal	
4,515,909	A	5/1985	Sawano et al.	
D280,267	S	8/1985	Bryant et al.	
4,549,693	A	10/1985	Barlics	
4,552,693	A	11/1985	Hussain et al.	
4,557,863	A	12/1985	Callewaert et al.	
4,574,400	A	3/1986	Annowsky	
4,574,403	A	3/1986	Dintemann et al.	
4,604,357	A	8/1986	Callewaert et al.	
4,612,676	A	9/1986	Whitman	
4,671,976	A	6/1987	Vidal	
4,750,219	A	6/1988	Williams	
4,761,437	A	8/1988	Christie	
4,815,767	A	3/1989	Lambert	
4,830,407	A	5/1989	Sadler, Jr. et al.	
4,866,793	A	9/1989	Luedtke et al.	
4,941,688	A	7/1990	Jones	
4,985,940	A	1/1991	Jones	
5,010,599	A	4/1991	Nilsson	
5,019,434	A	5/1991	Matsumoto	
5,058,088	A	10/1991	Haas et al.	
5,058,523	A	10/1991	Mikkonen et al.	
5,087,273	A	2/1992	Ward	
5,117,515	A	6/1992	White, Jr. et al.	
5,130,016	A	7/1992	Gavin	
5,139,864	A	8/1992	Lindauer	
D329,893	S	9/1992	Luedtke et al.	
5,150,481	A	9/1992	Pang	
5,150,722	A	9/1992	Rutherford	
5,165,119	A	11/1992	Yamato	
5,188,755	A	2/1993	Chang	
D341,414	S	11/1993	Baker	
5,309,578	A	5/1994	Temple, Sr.	
5,313,672	A	5/1994	Luedtke et al.	
5,336,424	A	8/1994	Vlahakis et al.	
5,364,132	A	11/1994	Haas et al.	
5,365,616	A	11/1994	Morad	
5,377,362	A	1/1995	Jackson	
D355,807	S *	2/1995	O'Rourke D6/583
5,398,347	A	3/1995	Luedtke et al.	
D360,714	S	7/1995	d'Alquen	
5,472,712	A	12/1995	Oshlack et al.	
5,479,735	A	1/1996	Martin, Jr.	
5,482,007	A	1/1996	Kumlin	
5,489,415	A	2/1996	Van Vlahakis et al.	
5,496,300	A	3/1996	Hirsch et al.	
D370,938	S	6/1996	Roach	
5,556,685	A	9/1996	Swicegood, Jr.	
5,580,578	A	12/1996	Oshlack et al.	
5,604,937	A	2/1997	Davenport	
5,639,476	A	6/1997	Oshlack et al.	
5,660,138	A	8/1997	Hirsch	
5,719,828	A	2/1998	Haas et al.	
D393,896	S	4/1998	Wagner et al.	
5,774,905	A	7/1998	Wager et al.	
5,809,590	A	9/1998	Williams et al.	
5,813,058	A	9/1998	Quigley et al.	
5,867,848	A	2/1999	Ort	
5,885,701	A	3/1999	Berman et al.	
5,958,334	A	9/1999	Haddon	
5,961,148	A	10/1999	Cheng	
D422,061	S	3/2000	Lee	
6,055,681	A	5/2000	Lyons	
D427,295	S	6/2000	Wagner	
6,076,222	A *	6/2000	Jolly A63B 57/60 15/161
6,079,975	A	6/2000	Conover	
6,081,937	A	7/2000	Whitacre	
6,103,201	A	8/2000	Green	
6,103,351	A	8/2000	Ram et al.	
6,113,148	A	9/2000	Koranda et al.	
D438,710	S	3/2001	Chen	

(56)

References Cited

U.S. PATENT DOCUMENTS

6,207,236 B1 3/2001 Araki et al.
 6,213,409 B1 4/2001 Warren et al.
 D442,246 S 5/2001 McCabe et al.
 6,244,208 B1 6/2001 Qui et al.
 6,265,084 B1 7/2001 Stickler
 6,269,490 B1 8/2001 Suski et al.
 6,279,759 B1 8/2001 Weisbach
 D456,492 S 4/2002 Lourens
 6,370,705 B1 4/2002 Levinson
 D464,122 S 10/2002 Mangan
 6,517,759 B1 2/2003 Ferenc et al.
 6,640,350 B1 11/2003 Deutsch
 6,698,035 B1 3/2004 Grueser
 6,703,012 B1 3/2004 White
 6,730,311 B2 5/2004 Maleeny et al.
 6,787,210 B2 9/2004 Stickler
 6,823,533 B2 11/2004 Casari
 6,862,754 B1 3/2005 DeMarco
 6,920,648 B1 7/2005 Suski et al.
 6,927,199 B2 8/2005 Takemura et al.
 6,988,462 B1 1/2006 Zhu
 D520,610 S 5/2006 Wrate
 7,061,831 B2 6/2006 De La Huerga
 D528,193 S 9/2006 Lee
 7,127,844 B2 10/2006 Collins
 7,202,201 B1 4/2007 Williams
 D561,327 S 2/2008 Dejonge
 7,398,565 B1 7/2008 Chou
 7,413,082 B2 8/2008 Adler et al.
 7,419,588 B2 9/2008 Lawson
 7,434,535 B2 10/2008 Adamy
 7,528,102 B2 5/2009 Barthel et al.
 D598,075 S 8/2009 Uhl
 7,597,949 B2* 10/2009 Wright A47G 27/0225
 428/116
 D612,914 S 3/2010 Morad
 7,742,367 B2 6/2010 Haas
 7,808,861 B2 10/2010 Wien
 7,833,515 B2 11/2010 Corzani et al.
 D630,714 S 1/2011 Dukes
 7,904,972 B2 3/2011 Anderson
 7,921,479 B2 4/2011 Hunter
 7,921,583 B2 4/2011 Londino
 D639,410 S 6/2011 Ramirez
 8,007,707 B1 8/2011 Brown
 8,043,498 B2 10/2011 Rueda
 D678,482 S 3/2013 Williams
 D678,483 S 3/2013 Barker
 D682,398 S 5/2013 Lee
 D687,524 S 8/2013 Heiser
 D687,525 S 8/2013 Heiser
 8,856,977 B2 10/2014 Ramirez
 9,243,394 B2 1/2016 Brown et al.
 9,303,396 B1 4/2016 Pernici
 9,334,641 B2 5/2016 Kobal
 D778,411 S 2/2017 Brown et al.
 D778,412 S 2/2017 Brown et al.
 D790,042 S 6/2017 Ramirez
 D805,613 S 12/2017 D'Amico et al.
 D806,835 S 1/2018 D'Amico et al.
 D806,836 S* 1/2018 D'Amico D23/261
 D806,837 S 1/2018 D'Amico et al.
 D824,495 S 7/2018 D'Amico et al.
 D824,496 S 7/2018 D'Amico et al.
 10,036,154 B2 7/2018 Crevier
 10,087,612 B2 10/2018 Brown et al.
 10,145,098 B2* 12/2018 Brown E03D 9/00
 D838,818 S 1/2019 Malesky et al.
 D841,359 S 2/2019 Crevier
 10,267,027 B2* 4/2019 D'Amico A61L 9/05
 D857,181 S 8/2019 Brown
 10,501,924 B2 12/2019 Brown et al.
 D875,896 S 2/2020 Dukes et al.
 10,612,226 B2 4/2020 Hurd et al.
 10,640,959 B2* 5/2020 Malesky A61L 9/042

D920,485 S* 5/2021 Crevier D23/261
 D925,009 S 7/2021 Brown et al.
 11,198,997 B2 12/2021 Brown et al.
 2002/0037385 A1 3/2002 Pignot et al.
 2002/0131753 A1 4/2002 Flower et al.
 2003/0044326 A1 3/2003 Yamasaki et al.
 2005/0022298 A1 2/2005 de Leon et al.
 2005/0067106 A1 3/2005 Melges
 2005/0112339 A1 5/2005 Sandel et al.
 2005/0144711 A1 7/2005 Valadez et al.
 2005/0169793 A1 8/2005 Wheatley et al.
 2005/0245671 A1 11/2005 Moon et al.
 2005/0283892 A1 12/2005 Simeone et al.
 2006/0232059 A1 10/2006 Fortune et al.
 2006/0260032 A1 11/2006 Smartt
 2007/0023539 A1 2/2007 Brown et al.
 2007/0039089 A1 2/2007 Worrel
 2007/0044221 A1 3/2007 Wise
 2007/0161927 A1 7/2007 Daugirdas
 2007/0186337 A1 8/2007 Emr
 2008/0098505 A1 5/2008 Casari
 2008/0100057 A1 5/2008 MacPhee
 2008/0292509 A1 11/2008 D'Amico
 2009/0070923 A1 3/2009 Ruedas
 2009/0229511 A1 9/2009 Campbell et al.
 2009/0255053 A1 10/2009 Cutrone, III
 2010/0183694 A1 7/2010 Burke et al.
 2010/0257664 A1 10/2010 Kener
 2011/0296597 A1 12/2011 Brown
 2013/0067651 A1* 3/2013 Brown E03D 13/00
 4/301
 2014/0007336 A1 1/2014 Mills et al.
 2014/0075663 A1 3/2014 Irwin et al.
 2014/0157501 A1 6/2014 D'Amico
 2014/0259344 A1 9/2014 Muderlak et al.
 2016/0102451 A1 4/2016 Brown et al.
 2016/0122992 A1* 5/2016 Brown E03D 9/007
 4/256.1
 2017/0096808 A1 4/2017 D'Amico et al.
 2018/0023278 A1 1/2018 Brown et al.
 2018/0347161 A1 12/2018 Malesky et al.
 2019/0145088 A1 5/2019 Keune
 2019/0264435 A1 8/2019 Brown et al.
 2019/0292764 A1* 9/2019 Crevier E03D 13/005
 2020/0131753 A1 4/2020 Brown et al.
 2020/0378104 A1 12/2020 Brown et al.

FOREIGN PATENT DOCUMENTS

CN 203905131 U 10/2014
 CN 206346295 U 7/2017
 DE 1915249 A1 10/1970
 DE 19541911 A1 5/1997
 DE 102012005147 A1 9/2013
 EP 0153946 9/1985
 EP 3081705 A1 10/2016
 FR 2681232 A1 3/1993
 GB 189518394 A 8/1896
 GB 350854 A 6/1931
 GB 2431101 A 4/2007
 GB 2473273 A 3/2011
 GB 2472377 9/2011
 JP 57-17599 1/1982
 JP 60-178497 11/1985
 JP 60-190865 12/1985
 JP 63-116585 7/1988
 JP 1990-102625 A 4/1990
 JP 1992-119880 U 10/1992
 JP 2001-303642 10/2001
 JP 2017-186861 10/2017
 KR 100351178 5/2002
 KR 20-0351953 Y1 5/2004
 KR 0368846 U 11/2004
 KR 20-0395055 Y1 9/2005
 WO WO 98/30621 A1 7/1998
 WO WO 2014/043725 A1 3/2014

(56)

References Cited

FOREIGN PATENT DOCUMENTS

WO WO 2015/088303 6/2015
 WO WO 2019/126217 A1 6/2019

OTHER PUBLICATIONS

Fresh Products Wave 3-D Urinal Screen, Herbal Mint; First Available Date Sep. 3, 2014; Visited Online Feb. 5, 2022; <https://www.amazon.com/Fresh-Products-Urinal-Screen-Herbal/dp/B00NA58YGE> (Year: 2014).*

Dismissal and Order re Validity and Enforceability, Case No. 3:19-cv-02109-JZ, dated Feb. 3, 2021.

Defendant Impact Products, LLC, Invalidity Contentions, Demand For Jury Trial, Case No. 3:19-cv-02109-JZ, with Exhibits, filed Apr. 8, 2020 in 813 pages.

Fresh Products Tidal Wave Urinal Screen, YouTube Video Frame 0:19/1 :23, Publish Date Sep. 20, 2017, Visited Online May 26, 2020, https://www.youtube.com/watch?v=G_g2_1NtE2l&feature=emb_logo (Year: 2017).

Fresh Products, Inc.'s First Amended Complaint, Case No. 3:19-cv-02109-JZ, with Exhibits, filed Feb. 4, 2020 in 55 pages.

Defendant Impact Products, LLC's Answer and Affirmative Defenses to First Amended Complaint, Case No. 3:19-cv-02109-JZ, filed Feb. 18, 2020 in 9 pages.

Fresh Products, Inc.'s Opening Claim Construction Brief, Case No. 3:19-cv-02109-JZ, filed Aug. 4, 2020 in 30 pages.

Defendant Impact Products, LLC's Opening Claim Construction Brief, Case No. 3:19-cv-02109-JZ, with Exhibits, filed Aug. 4, 2020 in 370 pages.

Ritter, R. C. et al., "Physical Information in the External Urinary Stream of the Normal and Obstructed Adult Male," *British Journal of Urology*, 1977, vol. 49, 293-302, 10 pages.

Big D Product Catalog, Jan. 2013, in 16 pages.

Non-Infringement and Invalidity Contentions [with Exhibits 1-7], Case No. CIV-21-00211-F, dated Aug. 20, 2021.

Dugdale, David C., "Uroflometry" *MedlinePlus Medical Encyclopedia*, 2008. <http://www.nlm.nih.gov/medlineplus/ency/article/003325.htm>, retrieved on Oct. 28, 2014, 2 pages.

Gray, Henry. "The Male Urethra". *Anatomy of the Human Body*, 3b. 4, 1918. <http://www.bartleby.com/107/256.html>, retrieved on Oct. 27, 2014. 5 pages.

Ritter, R. C. et al., "Analysis of Drop Intervals in Jets Modelling Obstruction of the Urinary Tract," *Physics in Medicine and Biology*, 1974, vol. 19, No. 2, 161-170, 11 pages.

Defendant Impact Products, LLC, Answer And Affirmative Defenses Demand For Jury Trial, Case No. 2:19-cv-05994 GW(AFMx), filed Sep. 14, 2019.

Plaintiff Fresh Products, Inc., Complaint for Patent Infringement Demand for Jury Trial, Case No. 2:19-cv-05994, filed Jul. 11, 2019.

The Pearl 3D urinal screen product cut sheet, and 3D renderings of The Pearl 3D urinal screen product, in three pages. The cut sheet includes a date of Sep. 2013; however, Applicant makes no representations as to the accuracy of this date. Applicant further makes no representation as to whether the 3D renderings accurately represent the product shown in the cut sheet and as to whether the 3D renderings accurately represent any prior art product. Applicant requests that the Examiner review the reference as prior art. Applicant reserves the right to disqualify the reference as prior art if needed.

Defendant Impact Products, LLC's Responsive Claim Construction Brief, Case No. 3:19-cv-02109-JZ, with exhibits, dated Sep. 3, 2020.

Fresh Products, Inc.'s Responsive Claim Construction Brief, Case No. 3:19-cv-02109-JZ, dated Sep. 3, 2020.

Joint Claim Construction and Prehearing Statement, Case No. 3:19-cv-02109-JZ, dated Sep. 8, 2020.

Joint Notice of Additional Agreed-Upon Claim Constructions, Case No. 3:19-cv-02109-JZ, dated Oct. 28, 2020.

Transcript of Video Claim Construction Hearing Proceedings Before the Honorable Jack Zouhary, United States Senior District Judge, Case No. 3:19-CV-2109, dated Nov. 16, 2020.

Joint Notice of Additional Agreed-Upon Claim Constructions, Case No. 3:19-cv-02109-JZ, dated Nov. 17, 2020.

Markman Order, Case No. 3:19-cv-02109-JZ, dated Nov. 24, 2020.

Declaration of Sean Stewart, dated Mar. 23, 2022, with exhibits, in 30 pages.

Fresh Products, Inc., The Wave 2.0 Flyer, in 1 page.

* cited by examiner

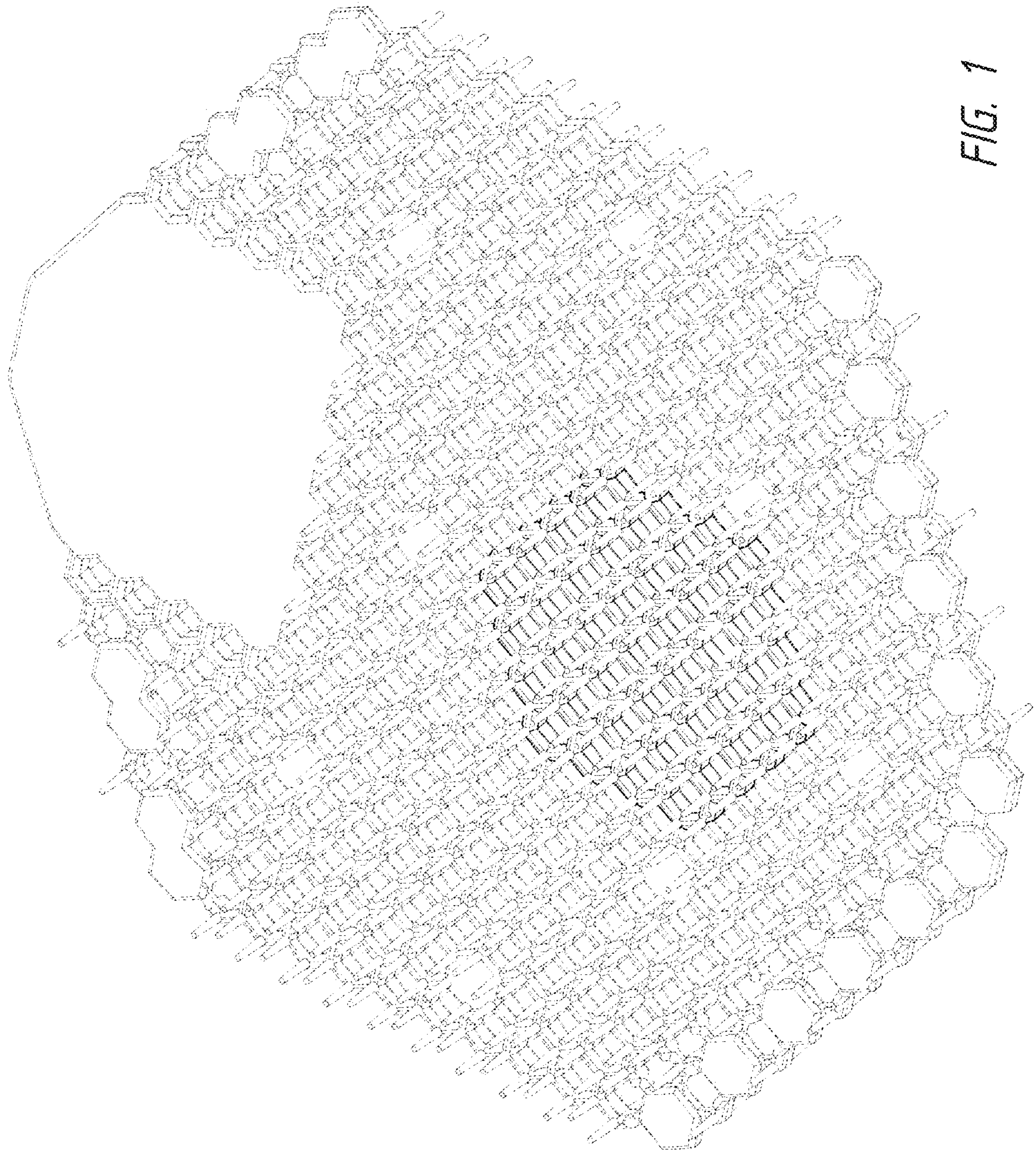


FIG. 1

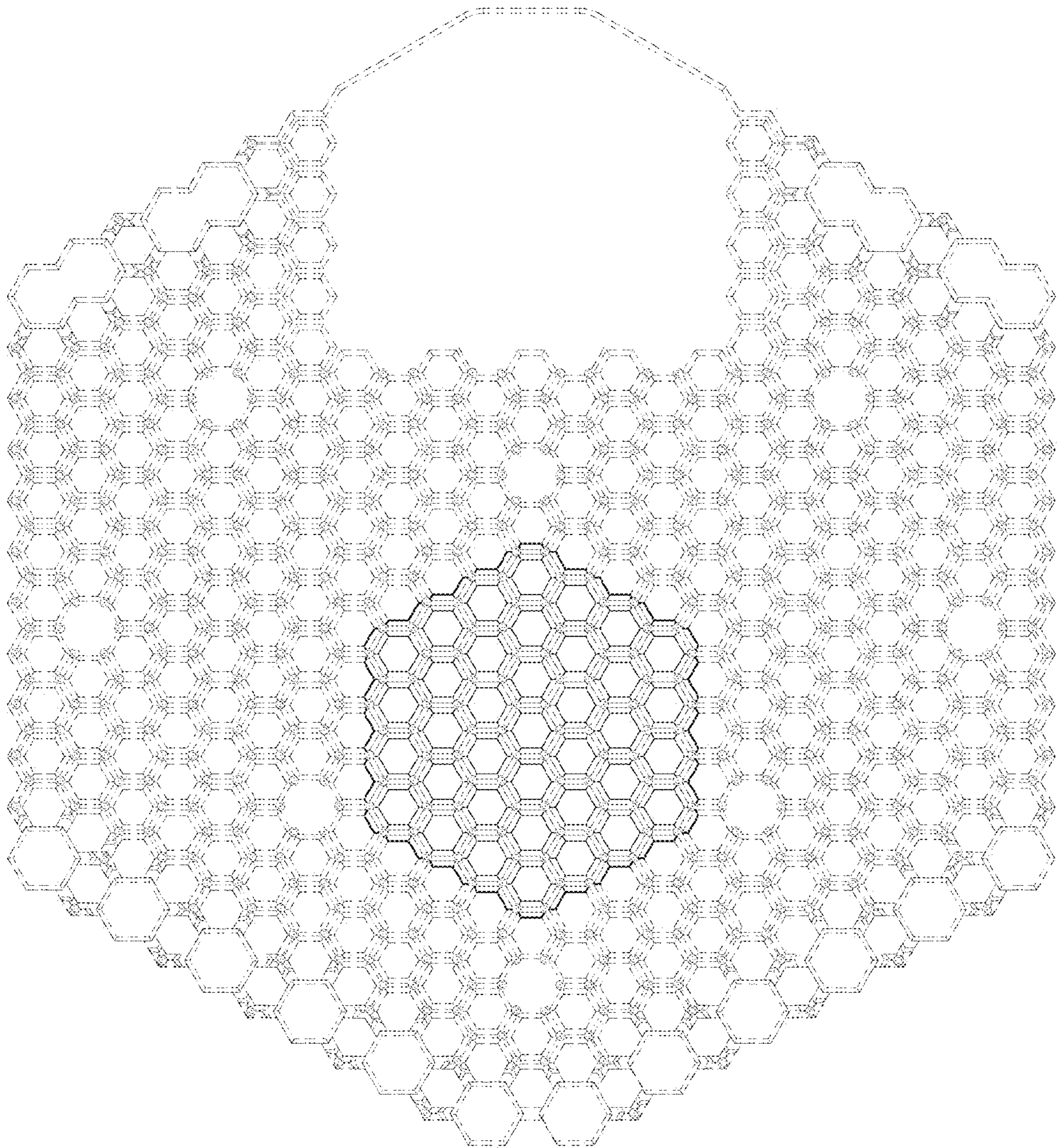


FIG. 2

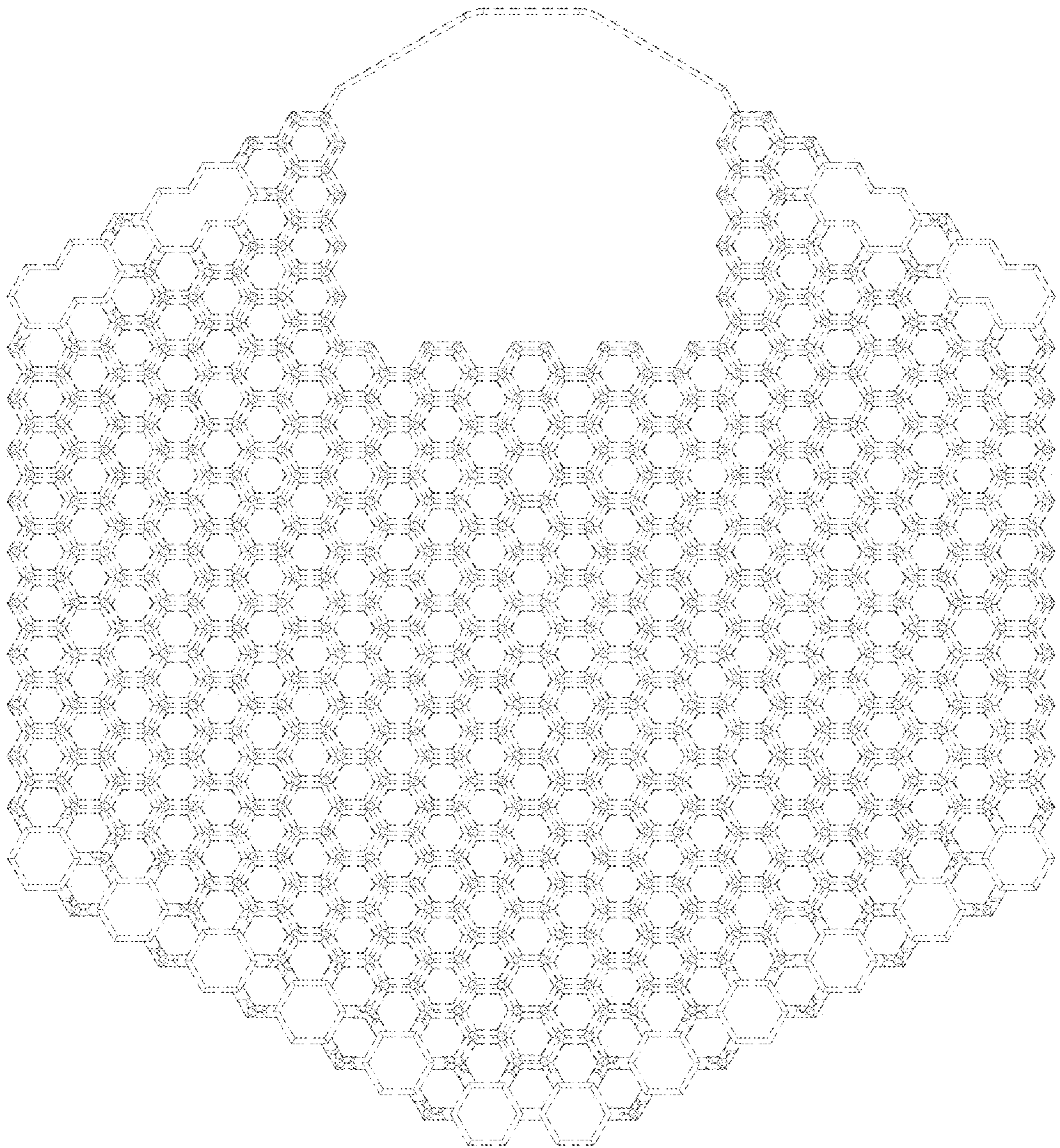


FIG. 3

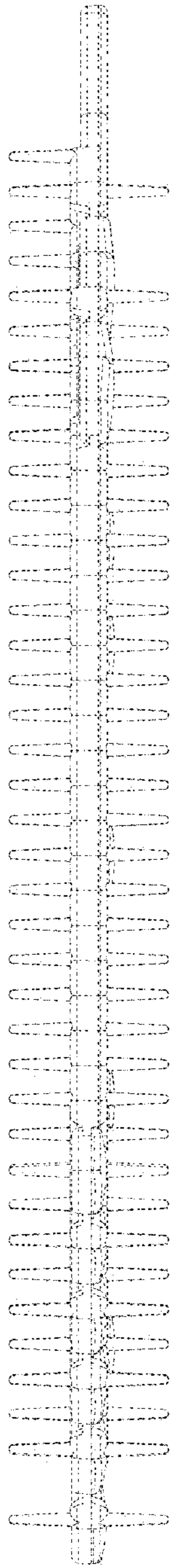


FIG. 4

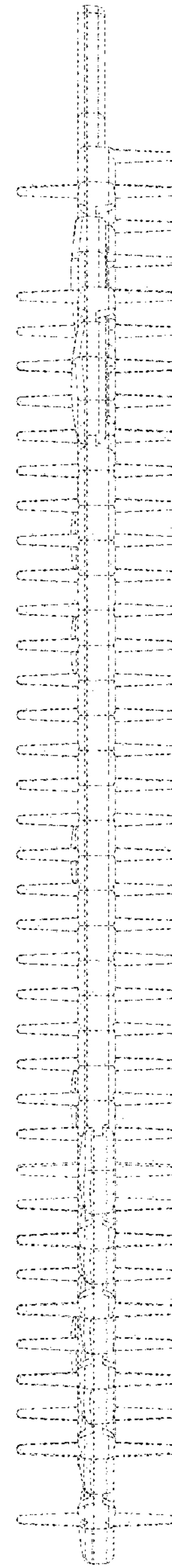


FIG. 5

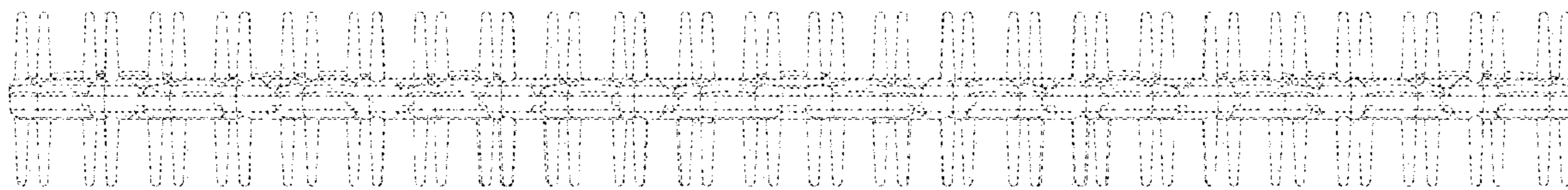


FIG. 6

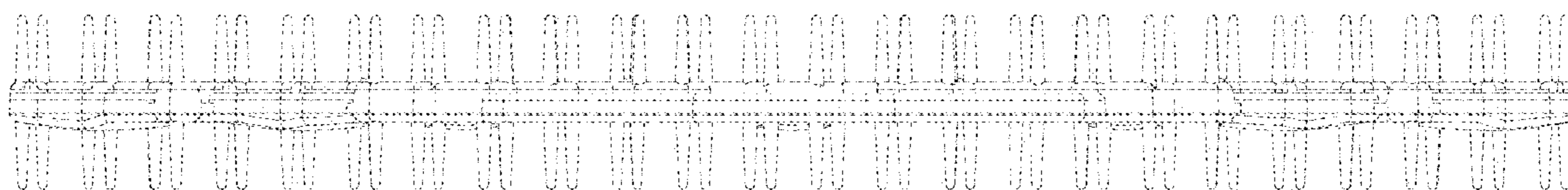


FIG. 7

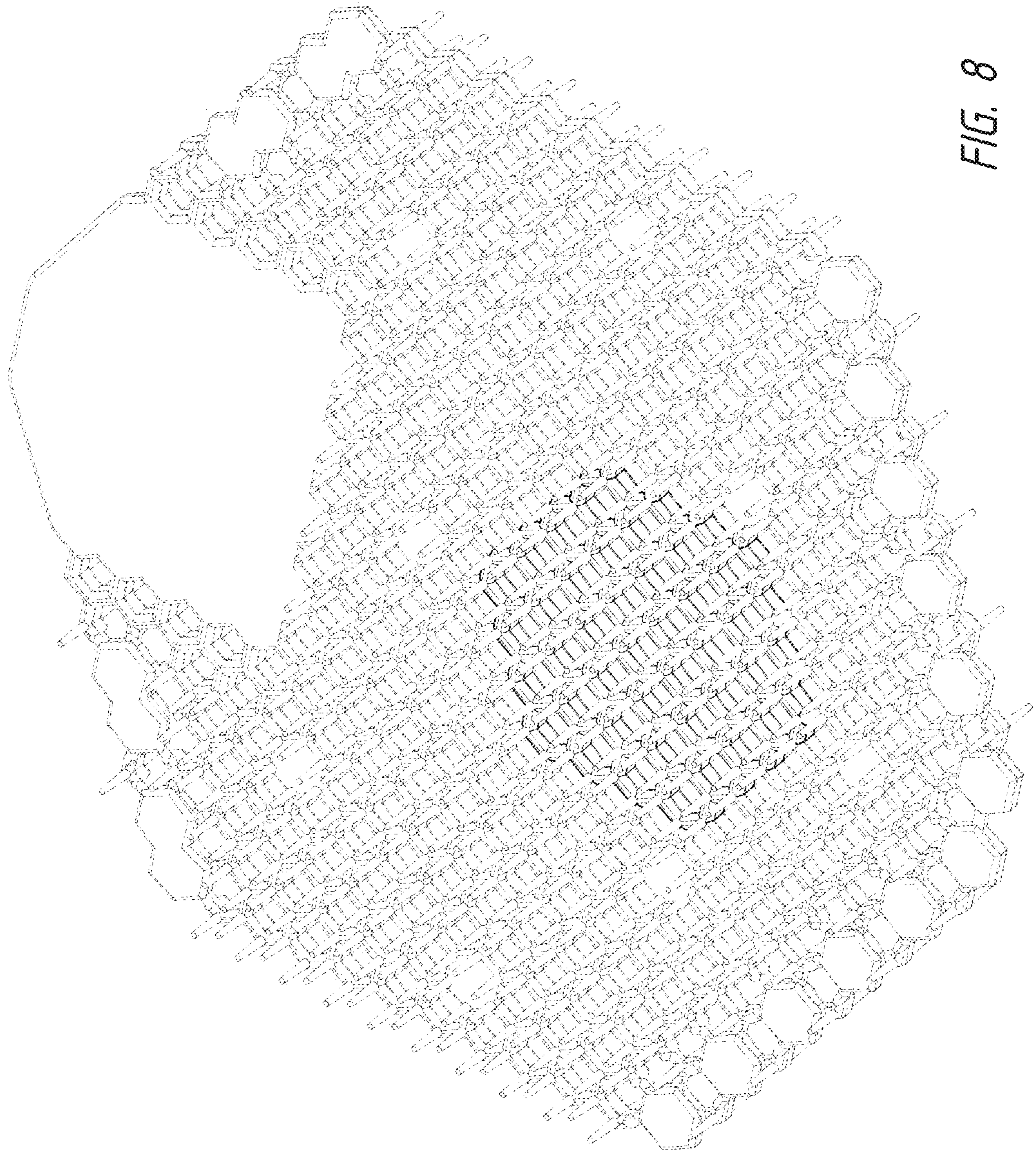


FIG. 8

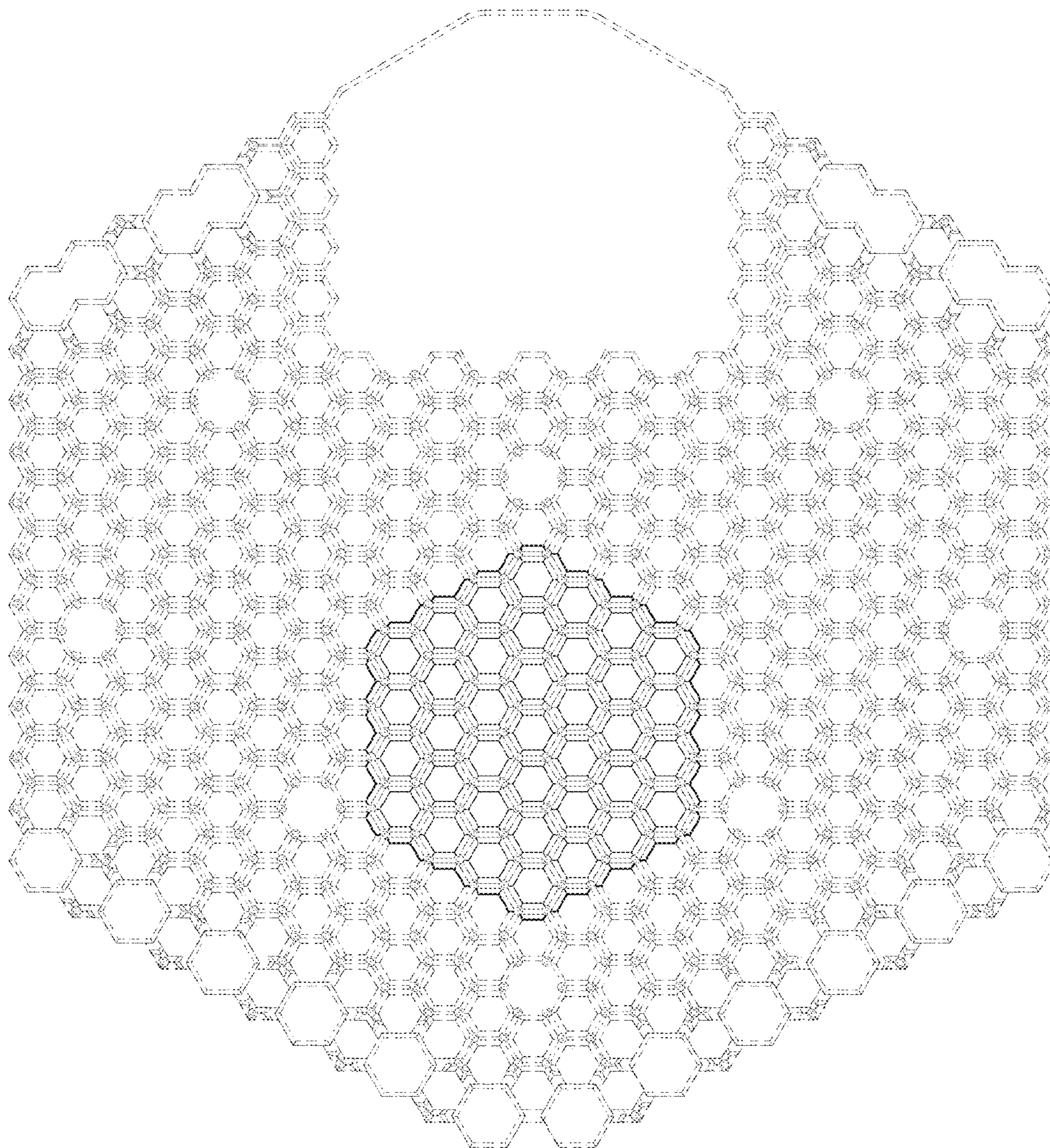


FIG. 9

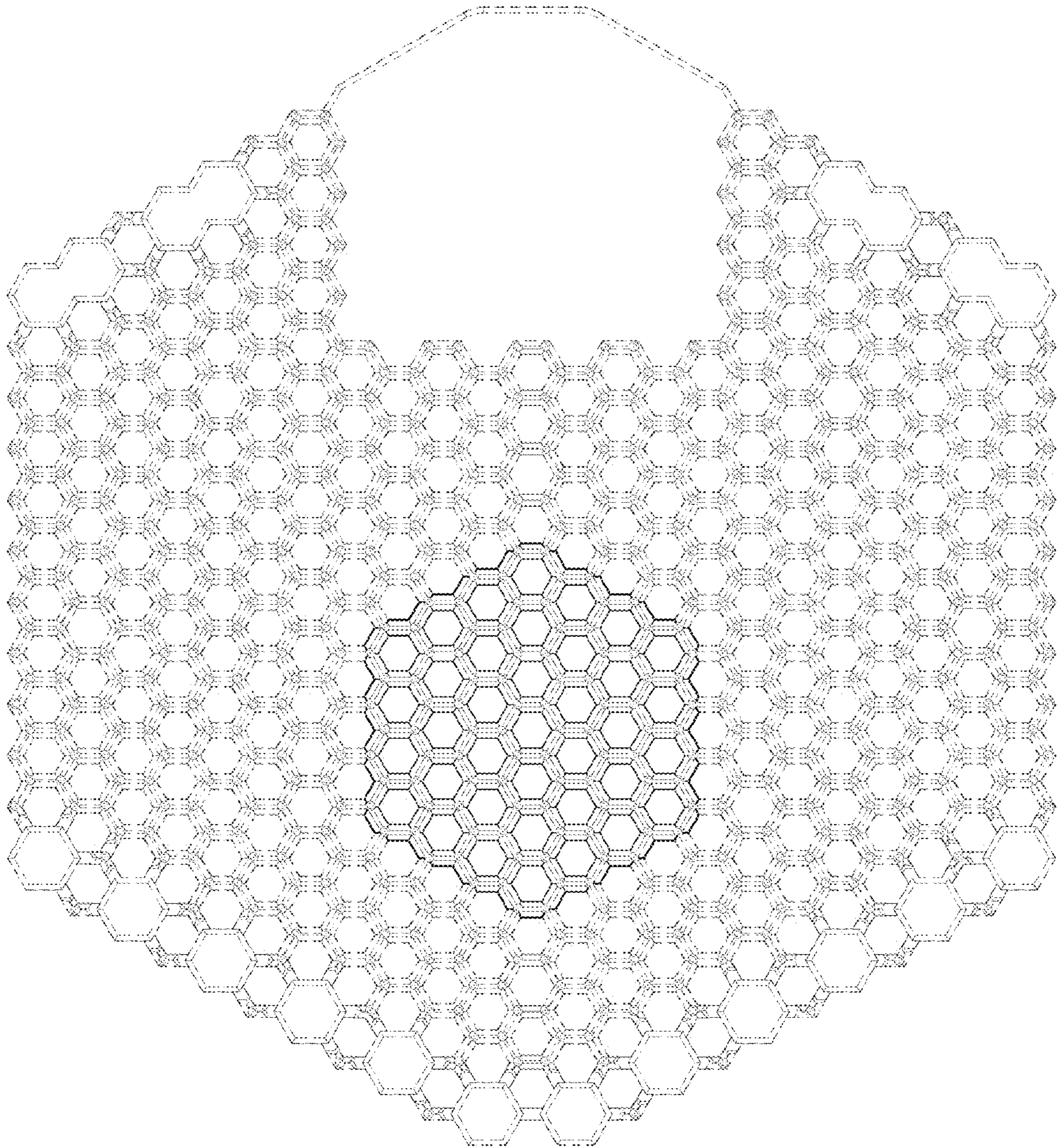


FIG. 10

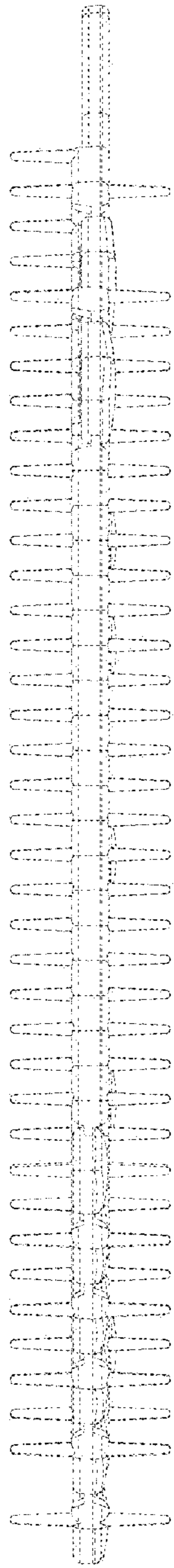


FIG. 11

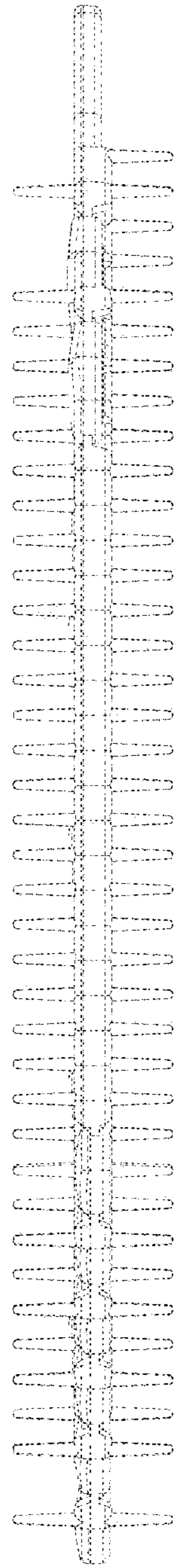


FIG. 12

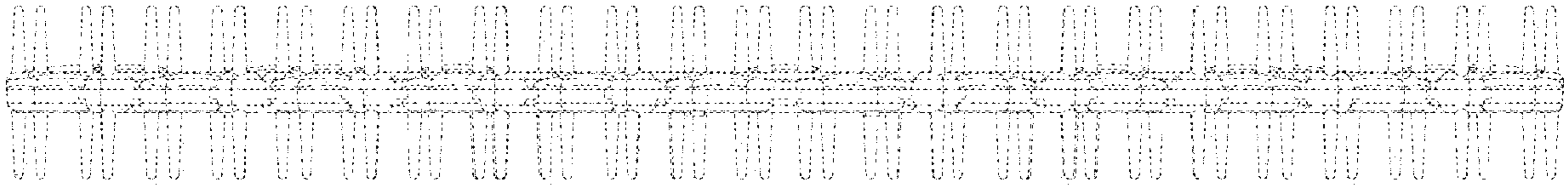


FIG. 13

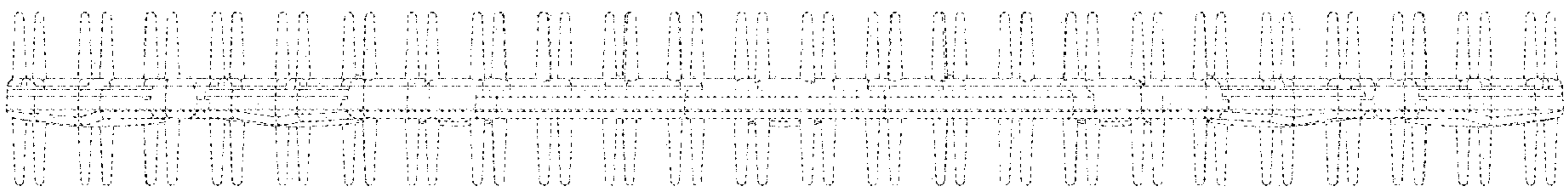


FIG. 14