



US00D897451S

(12) **United States Design Patent** (10) **Patent No.:** **US D897,451 S**
Kirsten et al. (45) **Date of Patent:** **** Sep. 29, 2020**

(54) **TAPE FORMING A TOY BUILDING BLOCK BASE**

(71) Applicant: **Chrome Cherry Design Studio (Pty) Ltd, Cape Town (ZA)**

(72) Inventors: **Anine Kirsten, Cape Town (ZA); Max Basler, Cape Town (ZA); Jaco Kruger, Gordons Bay (ZA)**

(73) Assignee: **Chrome Cherry Design Studio (Pty) Ltd, Cape Town (ZA)**

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

(21) Appl. No.: **29/609,881**

(22) Filed: **Jul. 6, 2017**

(51) **LOC (12) Cl.** **21-01**

(52) **U.S. Cl.**
USPC **D21/491; D19/69**

(58) **Field of Classification Search**
USPC D21/484, 491, 500; D19/69; D24/189
CPC A63H 33/04; A63H 33/065; A63H 33/088;
A63H 33/102; A63H 18/021; Y10T
24/27; Y10T 24/45152; Y10T 24/45178;
Y10T 24/45257

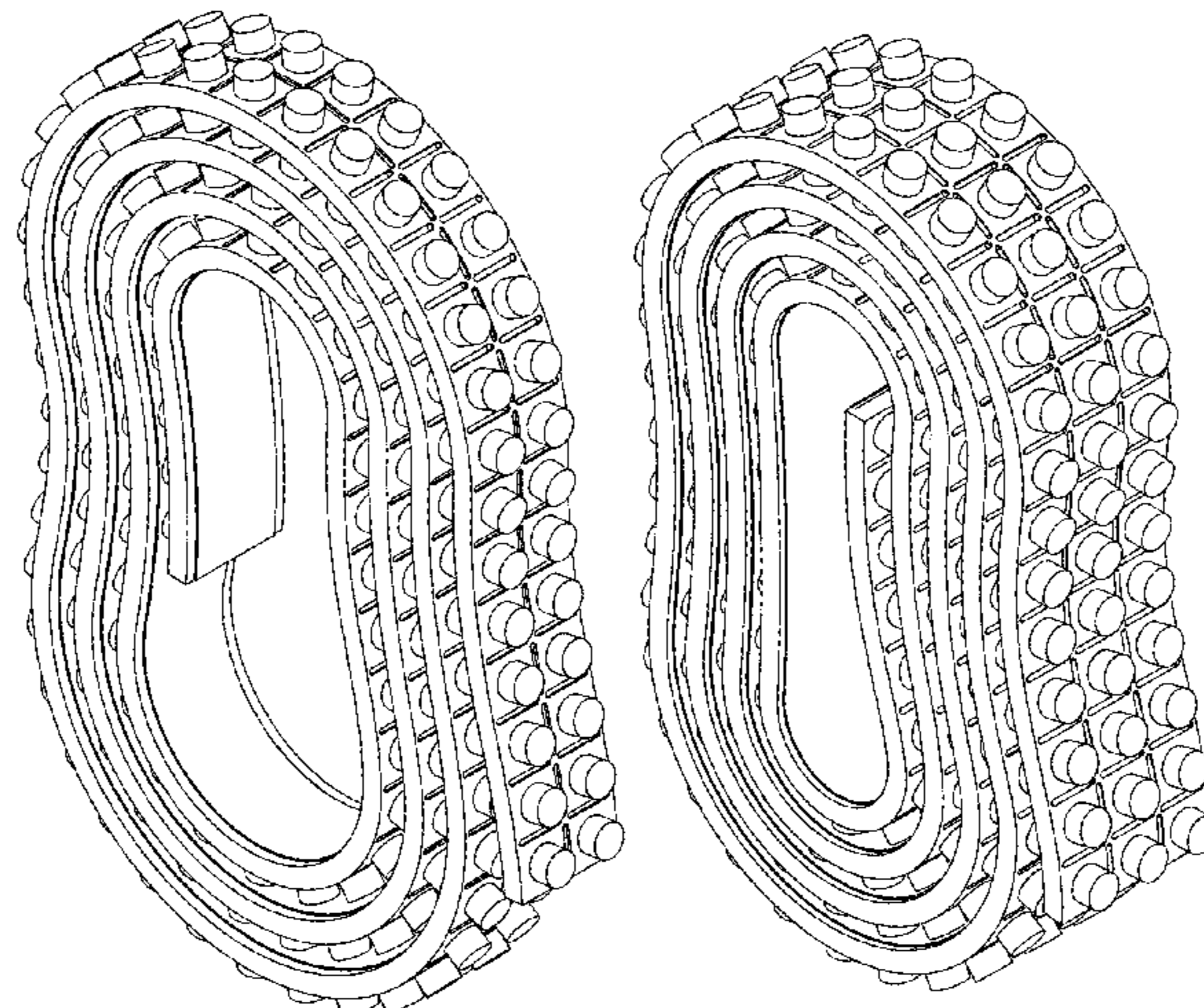
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

999,466 A	8/1911	Richter	
1,009,469 A *	11/1911	Burrows	A63H 33/22 446/149
D48,675 S	3/1916	Gilbert	
1,763,300 A	6/1930	Gilbert	
2,791,868 A	5/1957	Eidar	
3,162,973 A	12/1964	Irk	
3,199,246 A	8/1965	Ischer	
3,242,610 A	3/1966	Christiansen	
3,457,919 A *	7/1969	Harbard	A61F 13/023 602/55
3,464,624 A	9/1969	Christiansen	
3,604,145 A	9/1971	Zimmerman	
3,640,017 A	2/1972	Christiansen	

3,862,512 A	1/1975	Vogel	
3,882,630 A	5/1975	Bianco	
3,895,456 A	7/1975	Fabre	
4,030,236 A	6/1977	Schnabel	
D254,450 S	3/1980	Pulse et al.	
D261,936 S	11/1981	Sumiyasu	
4,403,733 A	9/1983	Bach	
4,552,541 A	11/1985	Bolli	
4,556,393 A	12/1985	Bolli	
4,606,732 A	8/1986	Lyman	
4,744,780 A	5/1988	Volpe	
D304,212 S	10/1989	Moe	
4,883,440 A	11/1989	Bolli	
D319,669 S	9/1991	Kronberg	
D353,639 S	12/1994	Ryaa et al.	
D357,512 S	4/1995	Ishikawa	
D377,671 S	1/1997	Gabriel	
D394,091 S	5/1998	Parry	
5,788,555 A	8/1998	Glynn	
5,884,368 A	3/1999	Boe	
5,987,706 A	11/1999	Boe	
D422,035 S	4/2000	Cyrus	
6,136,273 A	10/2000	Seguin et al.	
6,142,847 A	11/2000	Rudy	
6,371,823 B1	4/2002	Stavran	
D464,734 S	10/2002	Bema et al.	
6,634,920 B1	10/2003	Michaleson	
6,776,964 B1	8/2004	Wijnschenk et al.	
6,939,513 B2	9/2005	Berray et al.	
D590,949 S	4/2009	Broyles	
D656,910 S	4/2012	Taniguchi et al.	
D692,056 S	10/2013	Wolk et al.	
D694,825 S *	12/2013	Koepke	D19/69
D696,362 S	12/2013	Kichijo et al.	
D706,363 S	5/2014	Norman et al.	
D712,489 S	9/2014	Norman et al.	
D718,812 S	12/2014	Sukhbaatar	
8,961,257 B2	2/2015	Connor	
9,308,465 B2	4/2016	Cheung	
9,320,978 B2	4/2016	Musliner	
D769,986 S *	10/2016	Timg	D21/500
9,480,931 B1	11/2016	Samo et al.	
D804,043 S *	11/2017	Gildersleeve	D24/189
D813,317 S *	3/2018	Kirsten	D21/491
D813,318 S *	3/2018	Kirsten	D21/491
D815,216 S *	4/2018	Kirsten	D21/491
D837,900 S *	1/2019	Laraignou	D21/484
2001/0006726 A1	7/2001	Arakawa et al.	
2008/0241502 A1	10/2008	Giselbrecht et al.	
2009/0118012 A1 *	5/2009	Sternberg	A63H 33/04 463/37
2010/0112337 A1	5/2010	Coben	
2014/0024283 A1	1/2014	Stolten	



2015/0224418 A1 8/2015 Musliner
 2015/0310785 A1 10/2015 Shaddock
 2017/0225090 A1 8/2017 Dripps et al.
 2018/0154275 A1* 6/2018 Semling A63H 33/101

FOREIGN PATENT DOCUMENTS

DE	202013104194	U1	9/2013
DE	M9307382-0039		7/2017
DE	M9307382-0040		7/2017
DE	M9407474-0022		7/2017
EP	3621062	A2	4/1994
EP	3005894	A1	4/2016
GB	228382		2/1925
GB	1316397	A	9/1971
WO	2004056440	A1	7/2004
WO	2015102089	A1	7/2015
WO	2016/134681	A2	9/2016

OTHER PUBLICATIONS

Application for a Declaration of Invalidity of a Registered Community Design in RCD Registration No. 003852672-0003, mailed Sep. 11, 2017.

Application for a Declaration of Invalidity of a Registered Community Design in RCD Registration No. 003852672-00013, mailed Jun. 26, 2017.

UK Search Report in corresponding UK1619927.5, dated Apr. 27, 2017.

Exhibit 1 from Application for a Declaration of Invalidity of a Registered Community Design in RCD Registration No. 003852672-0003, dated Sep. 11, 2017; PapiMax Large Dots Baseplate by Papimax available on 6/22/16.

Exhibit 1A from Application for a Declaration of Invalidity of a Registered Community Design in RCD Registration No. 003852672-0003, dated Sep. 11, 2017; Lego Tape by Build Pro available on Apr. 6, 2017.

Exhibit 6 from Application for a Declaration of Invalidity of a Registered Community Design in RCD Registration No. 003852672-0003, dated Sep. 11, 2017; g Baseplate Mat available on Oct. 29, 2015.

Exhibit 7 from Application for a Declaration of Invalidity of a Registered Community Design in RCD Registration No. 003852672-0003, dated Sep. 11, 2017; Certification Under Oath of Caroline Lea Kinsey.

“Nimuno Loops Tape Receiver Video Campaign—The Building Blocks Tape for the Toy Addicts” uploaded on YouTube by The Lino Life Mar. 28, 2017 [retrieved on Jun. 18, 2017]. Retrieved from Internet <URL:https://www.youtube.com/watch?v=TbZDbmssQwA>.

“Silicone Straps and Connectors Creative Building Kit—6 Count 2x16 Peg (10" Long) Variety Pack” by Strictly Bricks available on Apr. 21, 2016 at https://www.amazon.co.uk/Kreativer-Bausatz-Verbinder-Silikon-Vielfaltsbündel/dp/B01CIRLU0Q/ref=sr_1_3?ie=UTF8&qid=1503074619&sr=8-3&keywords=strictly+bricks+straps, wesite accessed Aug. 18, 2017.

“30" x 15" Flexible Blue Silicone Roll Up Mat with Drawstring Backpack” by Strictly Briks available on Apr. 21, 2016 at https://www.amazon.co.uk/Flexible-blaue-zusammenrollbare-Silikon-Zugkordel-Rucksack/dp/B014T4GITE/ref=sr_1_1_a_it?s=kitchen&ie=UTF8&qid=1503074978&sr=8-1&keywords=30%22+x+15%22+flexible+blue+silicone, wesite accessed Aug. 18, 2017.

“Gadgetz Loops Studded Mounting Tape Roll Self-Adhesive 3.26 Feet (Green)” by Gadgetz Inc via Amazon.com, available on Mar. 30, 2017 at https://www.amazon.com/dp/B06XXW71WF7psc=1, website accessed Apr. 18, 2017.

“The Amazing Building Block Tape” by Build Bonanza, available on Mar. 30, 2017at https://www.buildbonanza.com/website accessed Apr. 18, 2017.

“Peel-and-Stick Baseplate (10" x 10")—Compatible With Most Major Brands of Building Blocks—Fastest and Easiest DIY Play Table or Wall—by Creative QT (1, Green)” by Creative QT via

Amazon.com, available on May 11, 2016 at https://www.amazon.com/Peel-Stick-Baseplate-10-Compatible/dp/B01F05XSX0, website accessed Apr. 18, 2017.

“Peel-and-Stick Building Block Baseplates—10" x 10" (4 Pack)—Green” by Creative QT, available on May 11, 2016 at https://creativeqt.net/products/peelandstick4green?variant=34691948684, website accessed Apr. 18, 2017.

“LEGO Compatible Toy Block Tape” by Flexiblox, available on Mar. 18, 2017 at https://flexiblox.com/products/legocompatibletoyblocktape6m?utm_medium=cpc&utm_source=googlepla&variant=32912901650#, website accessed Apr. 18, 2017.

“Flexo—Bendable, bouncy, flexible bricks!” by Flexo, available on Sep. 30, 2016 at https://www.kickstarter.com/projects/1135315686/flexobendablebouncyflexiblebuildingbricks, website accessed Apr. 18, 2017.

“LEGO Playroom Walls Turn Surfaces into Architectural Toys” by LEGO, available on Aug. 10, 2011 at http://dornob.com/lego-playroom-walls-tum-surfaces-into-architectural-toys/, website accessed Apr. 18, 2017.

“The Toy Block Tape” by the Toy Block Tape, available on Mar. 16, 2017 at https://thetoyblocktape.com/, website accessed Apr. 18, 2017.

“Flexy Tape” by LegoTape.co, available on Apr. 5, 2017 at https://legotape.co/, website accessed Apr. 18, 2017.

“Edushape Set of 50 Interlocking EduBlocks Building Blocks” by Edushape available on May 12, 2014 at http://www.creativityinstitute.com/EdusHaPe%ADsetof50interlockingedublocks%ADbuilding%ADblocks.aspx, website visited Apr. 18, 2017.

“LEGO City Flexible Tracks Set” by LEGO available on Jan. 17, 2012 at https://www.walmart.com/ip/20552220?wmlspartner=wlp&selectedSellerId=0&adid=222222227015484870&wI0=&wI1=g&wI2=c&wI3=40344468872&wI4=p%E2%80%A6, website visited Apr. 18, 2017.

“Poly-M the creative building brick system” by Poly-M Spielwaren GmbH available on Jan. 24, 2014 at http://www.pmttoy.com/, website visited Apr. 18, 2017.

“Flexible Silicone Mat” by Strictly Bricks via Pinterest available on Jan. 7, 2016 at https://www.pinterest.com/pin/339529259386997060/, website visited Apr. 18, 2017.

Building Block Novelty Bracelets, Amazon.com, review posted Nov. 6, 2016 [online], [retrieved on Aug. 16, 2017]. Retrieved from Internet <URL: https://www.amazon.com/Building-Novelty-Bracelets-Childrens-Toys/dp/B01 LX9TY2R/>.

Building Bricks Flexible Baseplate, Amazon.com review posted Jul. 7, 2016 [online], [retrieved on Aug. 18, 2017]. Retrieved from Internet <URL:https://www.amazon.com/Bu ildi ng-Bricks-Flexible-Baseplate-Compatible/dp/BO 1 9PG3JX4/>.

“The Toy Block Tape Loops Building Bricks Tape Roll” by Legotape via Amazon.com, retrieved from the Internet on Apr. 18, 2017, from https://www.amazon.com/BlockTapeLoopsBuildingRoll/dp/B06Y15G3CL.

“Brick Building Play Mat by SCS—Rollable, 2-Sided Silicone Playmat—32" Long for Activity Tables” by River Colony Tradeing via Amazon.com, website retrieved from the Internet on Apr. 18, 2017, from https://www.amazon.com/Brick%ADBuilding%ADPlay%ADMat%ADSCS/dp/B00U7U1SHW.

* cited by examiner

Primary Examiner — Cynthia M. Chin
 (74) Attorney, Agent, or Firm — Andrus Intellectual Property Law, LLP

(57) CLAIM

The ornamental design for a tape forming a toy building block base, as shown and described.

DESCRIPTION

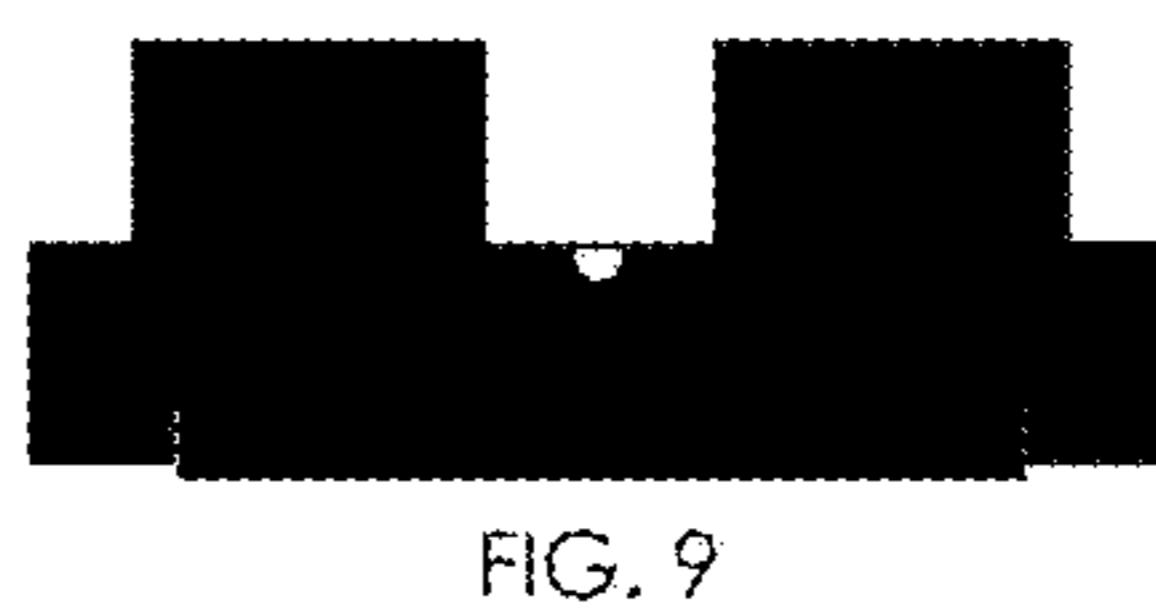
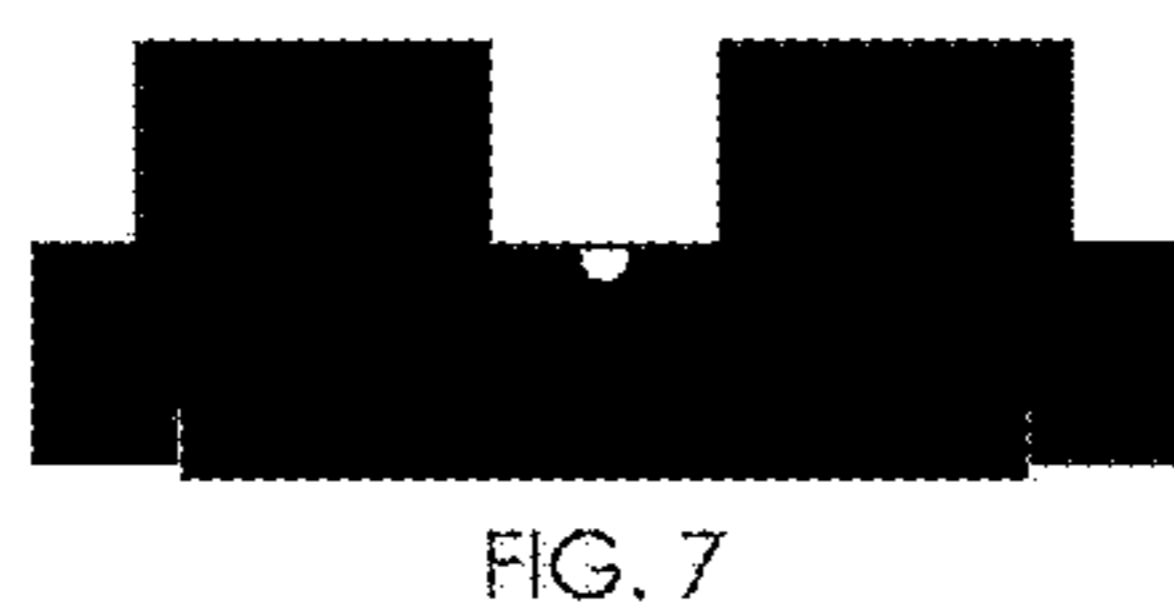
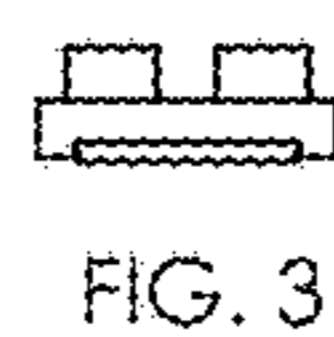
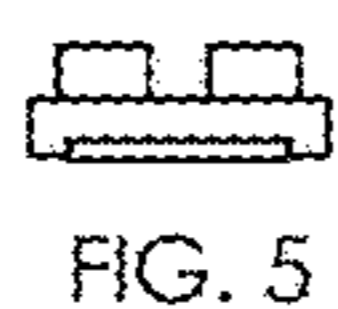
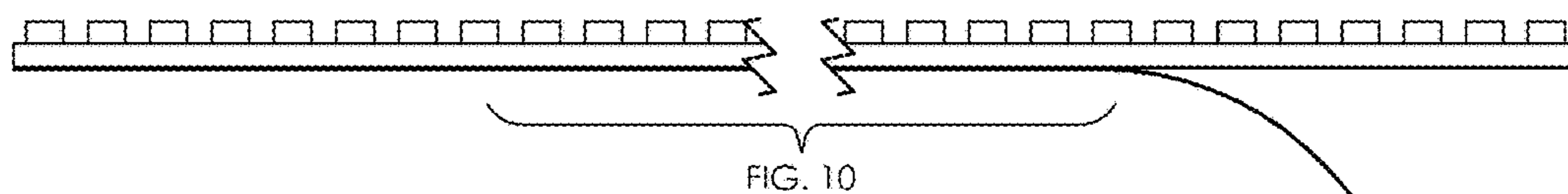
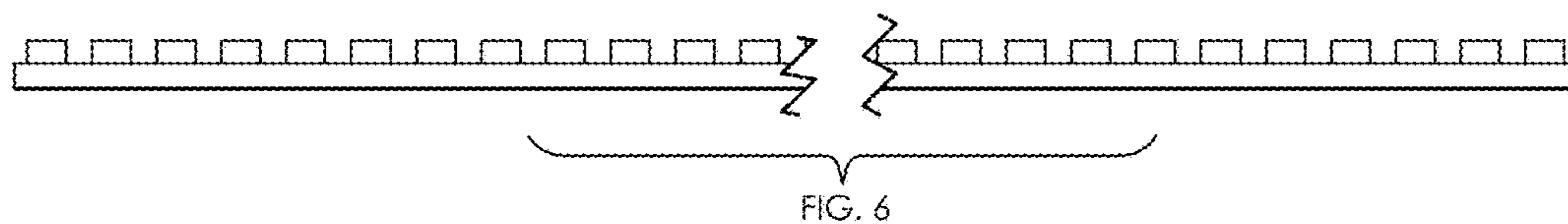
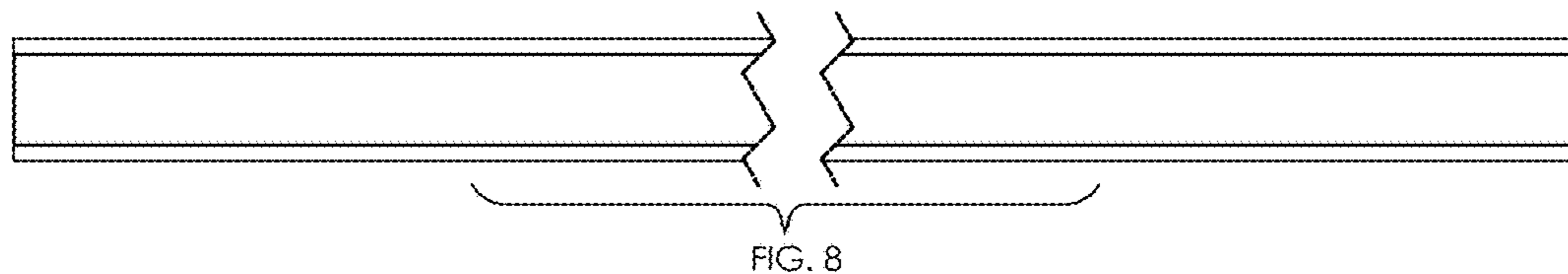
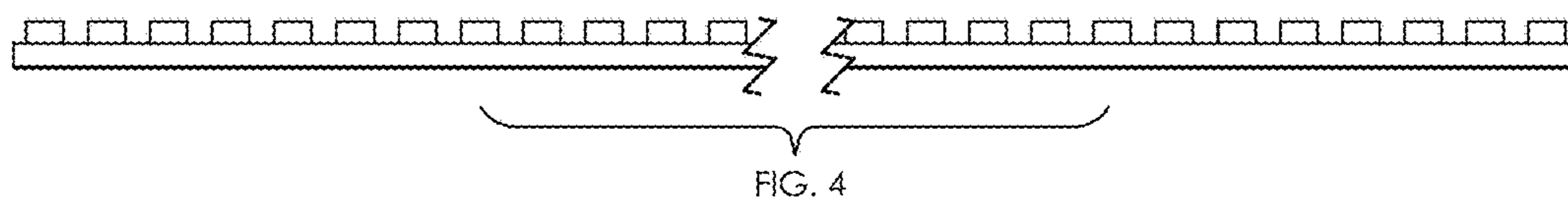
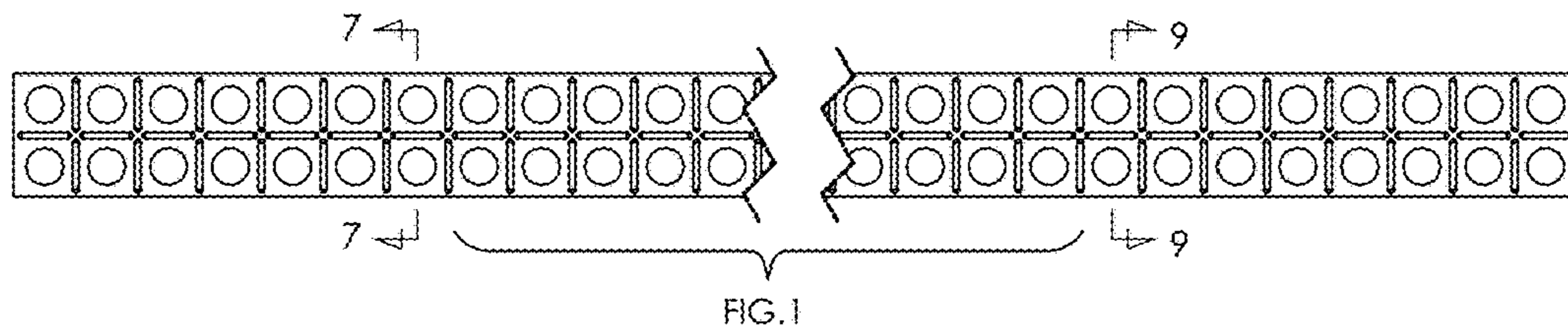
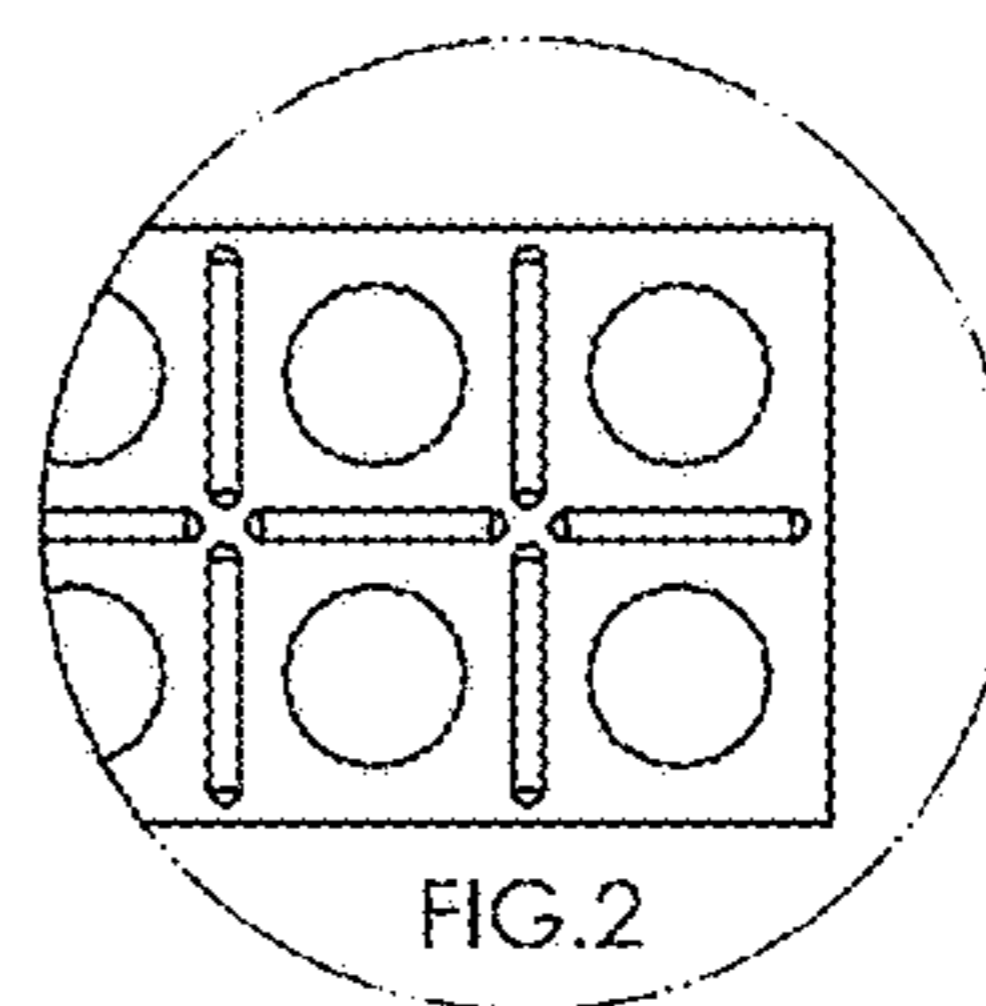
FIG. 1 is a top view of a 1st embodiment of a tape forming a toy building block base in a flat extended condition;

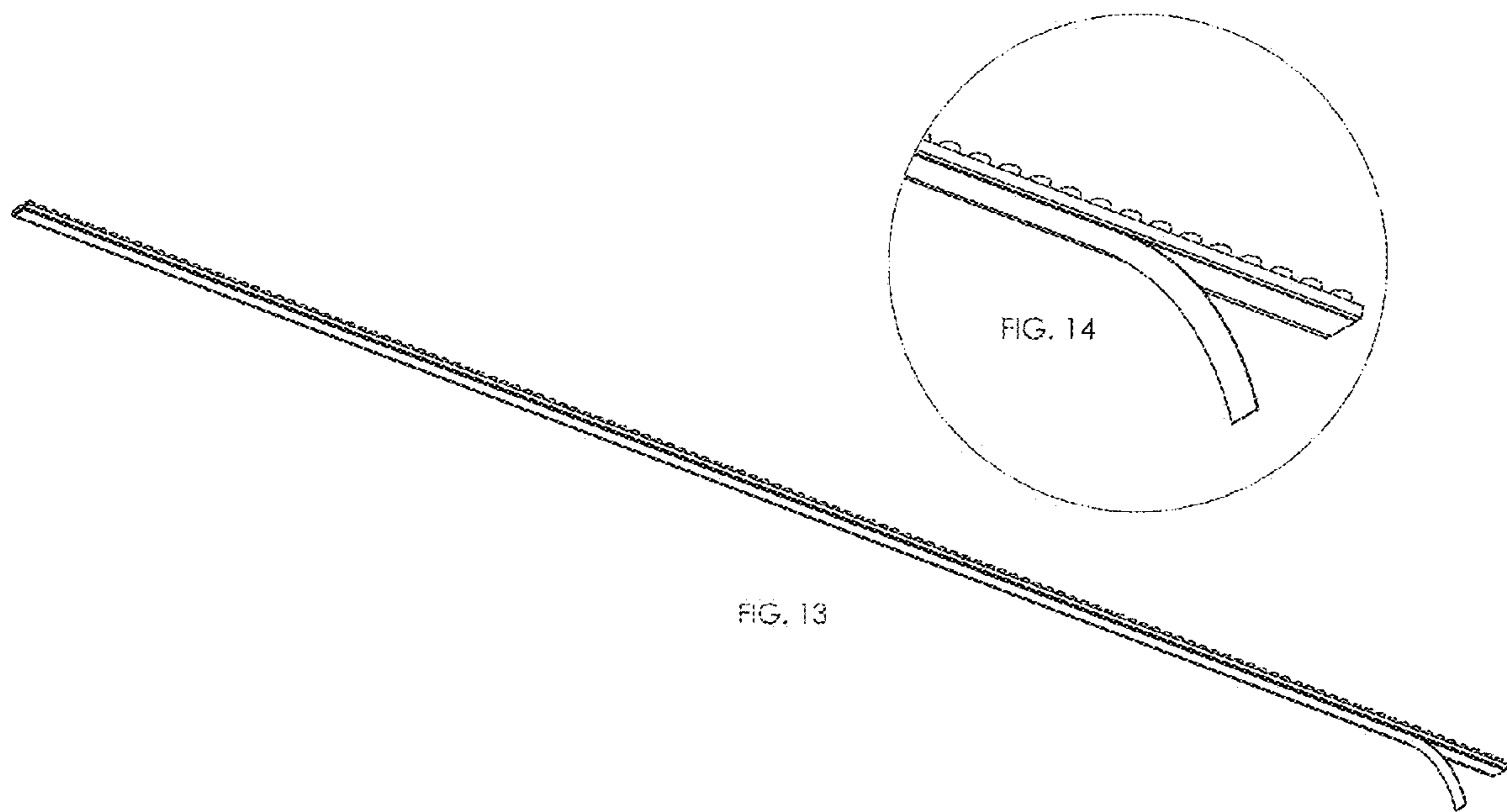
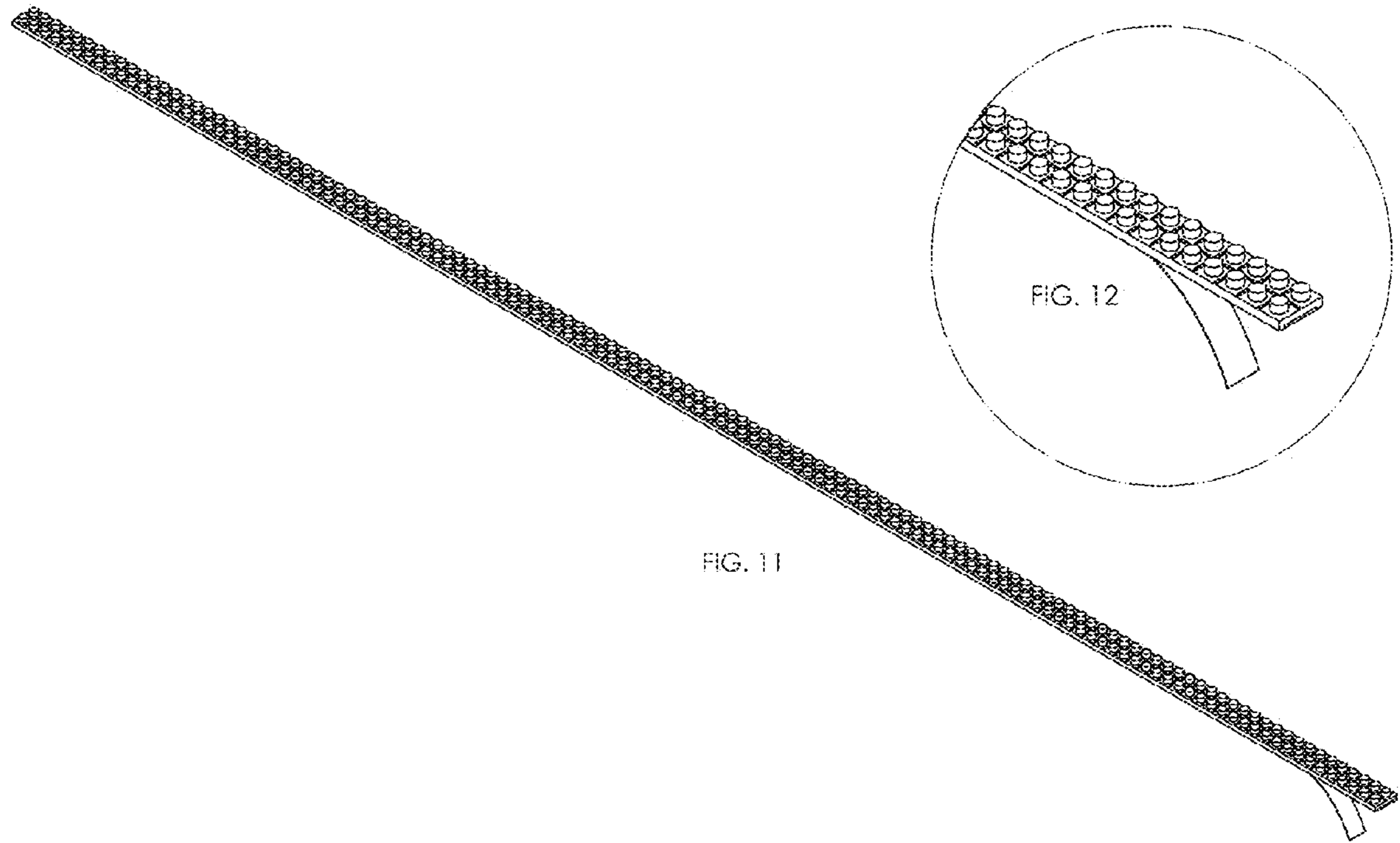
FIG. 2 is a detailed view of a portion of FIG. 1;
 FIG. 3 is a left view thereof;
 FIG. 4 is a front view thereof;
 FIG. 5 is a right view thereof;
 FIG. 6 is a back view thereof;
 FIG. 7 is an enlarged cut-away view of the tape forming a toy building block base taken along line 7-7 of FIG. 1;
 FIG. 8 is a bottom view of the tape forming a toy building block base;
 FIG. 9 is an enlarged cut-away view of the tape forming a toy building block base taken along line 9-9 of FIG. 1;
 FIG. 10 is a front view thereof in a condition partially removing the adhesive cover film;
 FIG. 11 is a top perspective view of the tape forming a toy building block base in a flat extended condition with the adhesive cover film partially removed;
 FIG. 12 is an enlarged partial view of a portion of FIG. 11;
 FIG. 13 is a bottom perspective view of the tape forming a toy building block base in a flat extended condition with the adhesive cover film partially removed;
 FIG. 14 is an enlarged partial view of a portion of FIG. 13;
 FIG. 15 is a top view of the tape forming a toy building block base in a cylindrically rolled condition;
 FIG. 16 is a left view thereof;
 FIG. 17 is a front view thereof;
 FIG. 18 is a right view thereof;
 FIG. 19 is a back view thereof;
 FIG. 20 is a bottom view thereof;
 FIG. 21 is a perspective view thereof;
 FIG. 22 is top view of the tape forming a toy building block base in an oblong rolled condition;
 FIG. 23 is a left view thereof;
 FIG. 24 is a front view thereof;
 FIG. 25 is a right view thereof;
 FIG. 26 is a back view thereof;
 FIG. 27 is a bottom view thereof;
 FIG. 28 is a perspective view thereof;
 FIG. 29 is a top view of the tape forming a toy building block base in a sideways condition;
 FIG. 30 is a left view thereof;
 FIG. 31 is a front view thereof;
 FIG. 32 is a right view thereof;
 FIG. 33 is a back view thereof;
 FIG. 34 is a bottom view thereof;
 FIG. 35 is a perspective view thereof;
 FIG. 36 is a top view of the tape forming a toy building block base in an up and down curved condition;
 FIG. 37 is a left view thereof;
 FIG. 38 is a front view thereof;
 FIG. 39 is a right view thereof;
 FIG. 40 is a back view thereof;
 FIG. 41 is a bottom view thereof; and
 FIG. 42 is a perspective view thereof.
 FIG. 43 is a top view a 2nd embodiment of a of tape forming a toy building block base in a flat extended condition;
 FIG. 44 is an enlarged partial view of a portion of FIG. 43;
 FIG. 45 is a left view thereof;
 FIG. 46 is a front view thereof;
 FIG. 47 is a right view thereof;
 FIG. 48 is a back view thereof;
 FIG. 49 is an enlarged cut-away view of the tape forming a toy building block base taken along line 49-49 of FIG. 43;
 FIG. 50 is a bottom view of the tape forming a toy building block base;
 FIG. 51 is an enlarged cut-away view of the tape forming a toy building block base taken along line 51-51 of FIG. 43;
 FIG. 52 is a front view thereof in a condition partially removing the adhesive cover film;
 FIG. 53 is a top perspective view of the tape forming a toy building block base in a flat extended condition with the adhesive cover film partially removed;
 FIG. 54 is an enlarged partial view of a portion of FIG. 53;
 FIG. 55 is a bottom perspective view of the tape forming a toy building block base in a flat extended condition with the adhesive cover film partially removed;
 FIG. 56 is an enlarged partial view of a portion of FIG. 55;
 FIG. 57 is a top view of the tape forming a toy building block base in a cylindrically rolled condition;
 FIG. 58 is a left view thereof;
 FIG. 59 is a front view thereof;
 FIG. 60 is a right view thereof;
 FIG. 61 is a back view thereof;
 FIG. 62 is a bottom view thereof;
 FIG. 63 is a perspective view thereof;
 FIG. 64 is top view of the tape forming a toy building block base in an oblong rolled condition;
 FIG. 65 is a left view thereof;
 FIG. 66 is a front view thereof;
 FIG. 67 is a right view thereof;
 FIG. 68 is a back view thereof;
 FIG. 69 is a bottom view thereof;
 FIG. 70 is a perspective view thereof;
 FIG. 71 is a top view of the tape forming a toy building block base in a sideways condition;
 FIG. 72 is a left view thereof;
 FIG. 73 is a front view thereof;
 FIG. 74 is a right view thereof;
 FIG. 75 is a back view thereof;
 FIG. 76 is a bottom view thereof;
 FIG. 77 is a perspective view thereof;
 FIG. 78 is a top view of the tape forming a toy building block base in an up and down curved condition;
 FIG. 79 is a left view thereof;
 FIG. 80 is a front view thereof;
 FIG. 81 is a right view thereof;
 FIG. 82 is a back view thereof;
 FIG. 83 is a bottom view thereof; and
 FIG. 84 is a perspective view thereof.
 FIG. 85 is a top view of a 3rd embodiment of a tape forming a toy building block base in a flat extended condition;
 FIG. 86 is an enlarged partial view of a portion of FIG. 85;
 FIG. 87 is a left view thereof;
 FIG. 88 is a front view thereof;
 FIG. 89 is a right view thereof;
 FIG. 90 is a back view thereof;
 FIG. 91 is a cut-away view of the tape forming a toy building block base taken along line 91-91 of FIG. 85;
 FIG. 92 is a bottom view of the tape forming a toy building block base;
 FIG. 93 is a cut-away view of the tape forming a toy building block base taken along line 93-93 of FIG. 85;
 FIG. 94 is a front view thereof in a condition partially removing the adhesive cover film;
 FIG. 95 is a top perspective view of the tape forming a toy building block base in a flat extended condition with the adhesive cover film partially removed;
 FIG. 96 is an enlarged partial view of a portion of FIG. 96;

FIG. 97 is a bottom perspective view of the tape forming a toy building block base in a flat extended condition with the adhesive cover film partially removed;
 FIG. 98 is an enlarged partial view of a portion of FIG. 98;
 FIG. 99 is a top view of the tape forming a toy building block base in a cylindrically rolled condition;
 FIG. 100 is a left view thereof;
 FIG. 101 is a front view thereof;
 FIG. 102 is a right view thereof;
 FIG. 103 is a back view thereof;
 FIG. 104 is a bottom view thereof;
 FIG. 105 is a perspective view thereof;
 FIG. 106 is top view of the tape forming a toy building block base in an oblong rolled condition;
 FIG. 107 is a left view thereof;
 FIG. 108 is a front view thereof;
 FIG. 109 is a right view thereof;
 FIG. 110 is a back view thereof;
 FIG. 111 is a bottom view thereof;
 FIG. 112 is a perspective view thereof;
 FIG. 113 is a top view of the tape forming a toy building block base in a sideways condition;
 FIG. 114 is a left view thereof;
 FIG. 115 is a front view thereof;
 FIG. 116 is a right view thereof;
 FIG. 117 is a back view thereof;
 FIG. 118 is a bottom view thereof;
 FIG. 119 is a perspective view thereof;
 FIG. 120 is a top view of the tape forming a toy building block base in an up and down curved condition;
 FIG. 121 is a left view thereof;
 FIG. 122 is a front view thereof;
 FIG. 123 is a right view thereof;
 FIG. 124 is a back view thereof;
 FIG. 125 is a bottom view thereof; and
 FIG. 126 is a perspective view thereof.
 FIG. 127 is a top view of a 4th embodiment of a tape forming a toy building block base in a flat extended condition;
 FIG. 128 is an enlarged partial view of a portion of FIG. 127;
 FIG. 129 is a left view thereof;
 FIG. 130 is a front view thereof;
 FIG. 131 is a right view thereof;
 FIG. 132 is a back view thereof;
 FIG. 133 is a cut-away view of the tape forming a toy building block base taken along line 133-133 of FIG. 127;
 FIG. 134 is a bottom view of the tape forming a toy building block base;
 FIG. 135 is a cut-away view of the tape forming a toy building block base taken along line 135-135 of FIG. 127;

FIG. 136 is a front view thereof in a condition partially removing the adhesive cover film;
 FIG. 137 is a top perspective view of the tape forming a toy building block base in a flat extended condition with the adhesive cover film partially removed;
 FIG. 138 is an enlarged partial view of a portion of FIG. 137;
 FIG. 139 is a bottom perspective view of the tape forming a toy building block base in a flat extended condition with the adhesive cover film partially removed;
 FIG. 140 is an enlarged partial view of a portion of FIG. 139;
 FIG. 141 is a top view of the tape forming a toy building block base in a cylindrically rolled condition;
 FIG. 142 is a left view thereof;
 FIG. 143 is a front view thereof;
 FIG. 144 is a right view thereof;
 FIG. 145 is a back view thereof;
 FIG. 146 is a bottom view thereof;
 FIG. 147 is a perspective view thereof;
 FIG. 148 is top view of the tape forming a toy building block base in an oblong rolled condition;
 FIG. 149 is a left view thereof;
 FIG. 150 is a front view thereof;
 FIG. 151 is a right view thereof;
 FIG. 152 is a back view thereof;
 FIG. 153 is a bottom view thereof;
 FIG. 154 is a perspective view thereof;
 FIG. 155 is a top view of the tape forming a toy building block base in a sideways condition;
 FIG. 156 is a left view thereof;
 FIG. 157 is a front view thereof;
 FIG. 158 is a right view thereof;
 FIG. 159 is a back view thereof;
 FIG. 160 is a bottom view thereof;
 FIG. 161 is a perspective view thereof;
 FIG. 162 is a top view of the tape forming a toy building block base in an up and down curved condition;
 FIG. 163 is a left view thereof;
 FIG. 164 is a front view thereof;
 FIG. 165 is a right view thereof;
 FIG. 166 is a back view thereof;
 FIG. 167 is a bottom view thereof; and,
 FIG. 168 is a perspective view thereof.
 The Figures depict the tape forming a toy building block base in a variety of conditions to which it may be positioned. Figures that have been shown separated and bound by a bracket are disclosed as such for the ease and clarity of illustration.

1 Claim, 40 Drawing Sheets





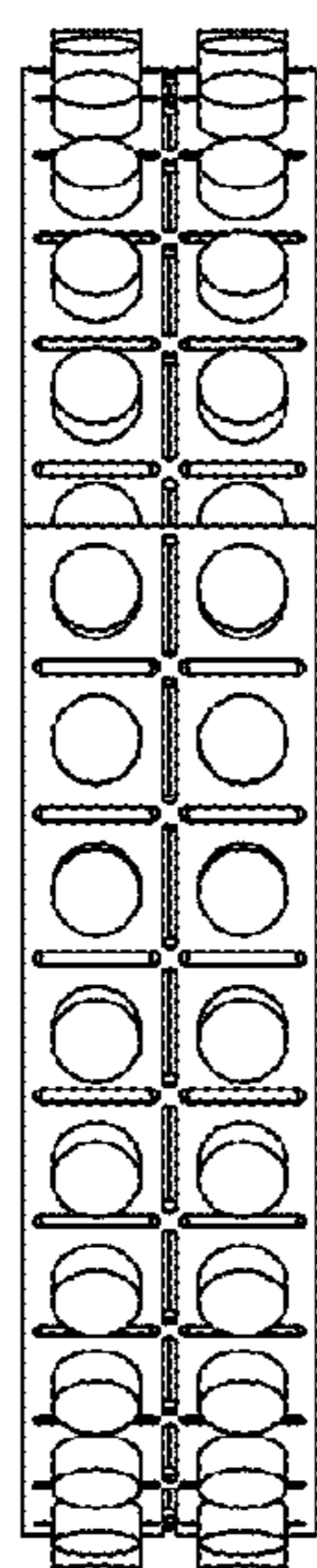


FIG. 16

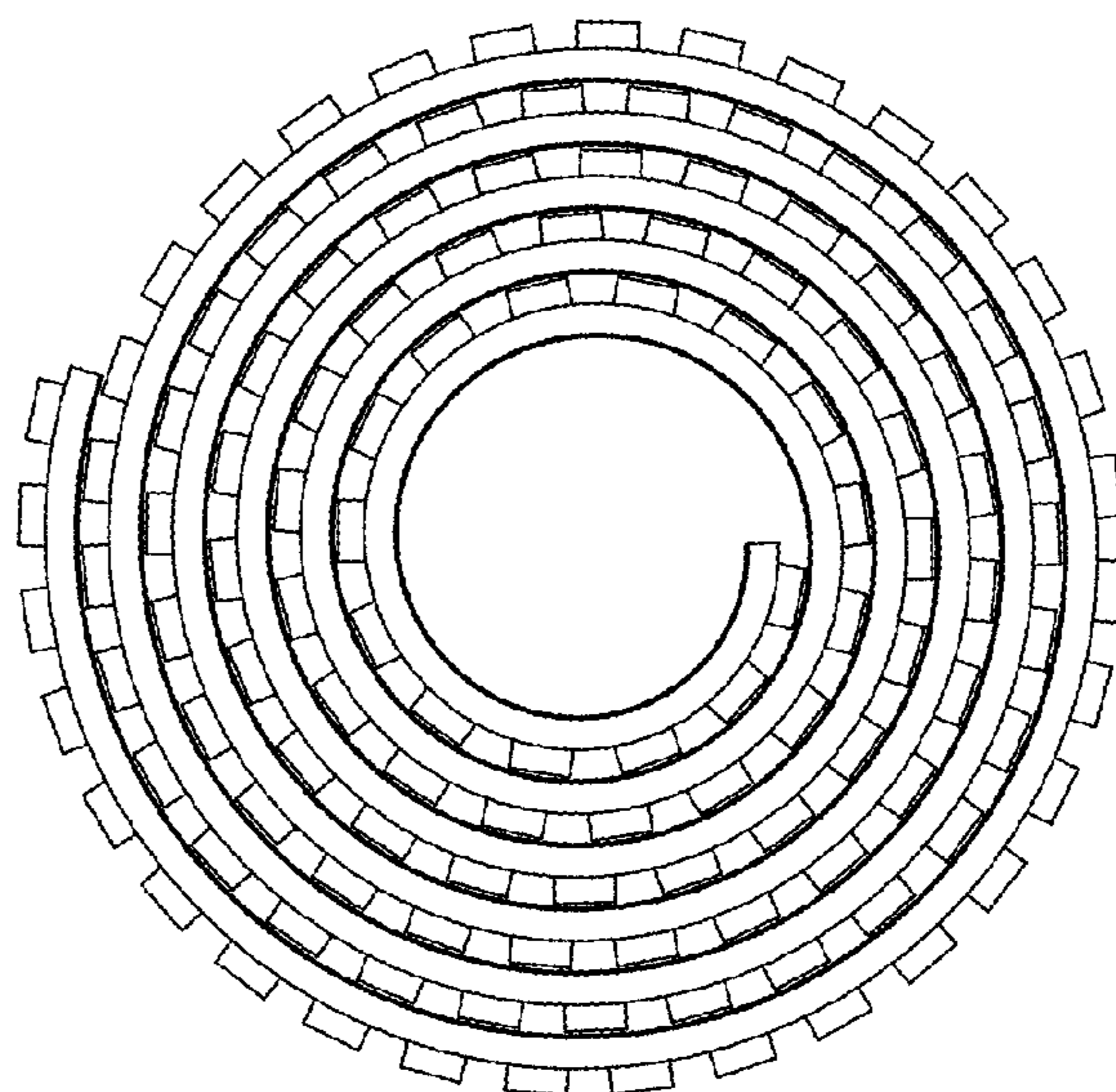


FIG. 17

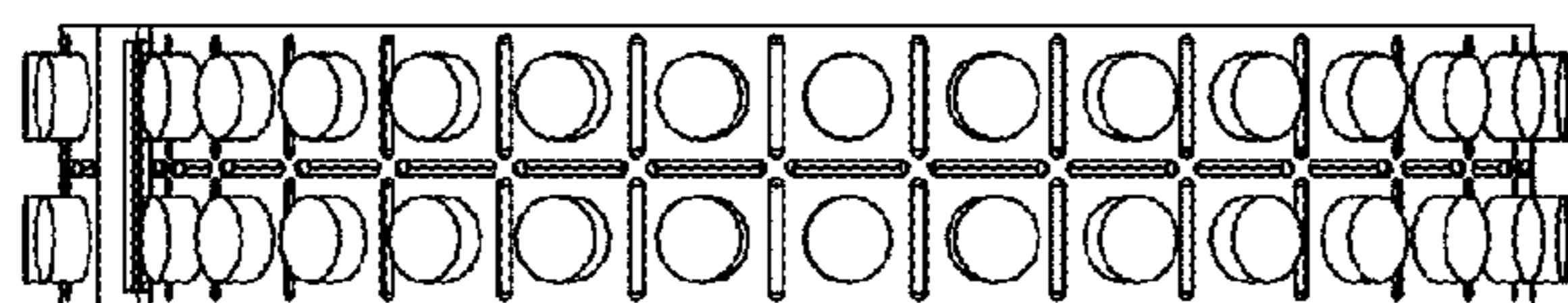


FIG. 15

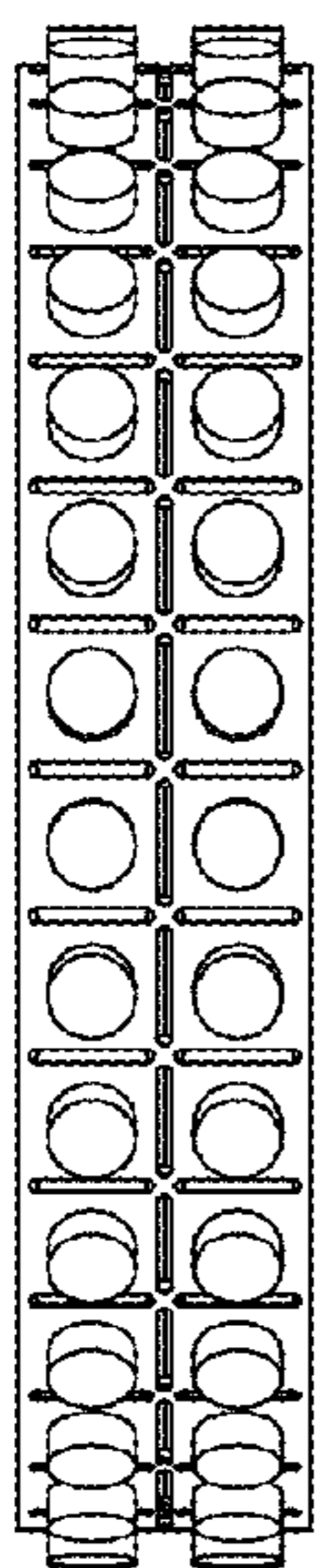


FIG. 18

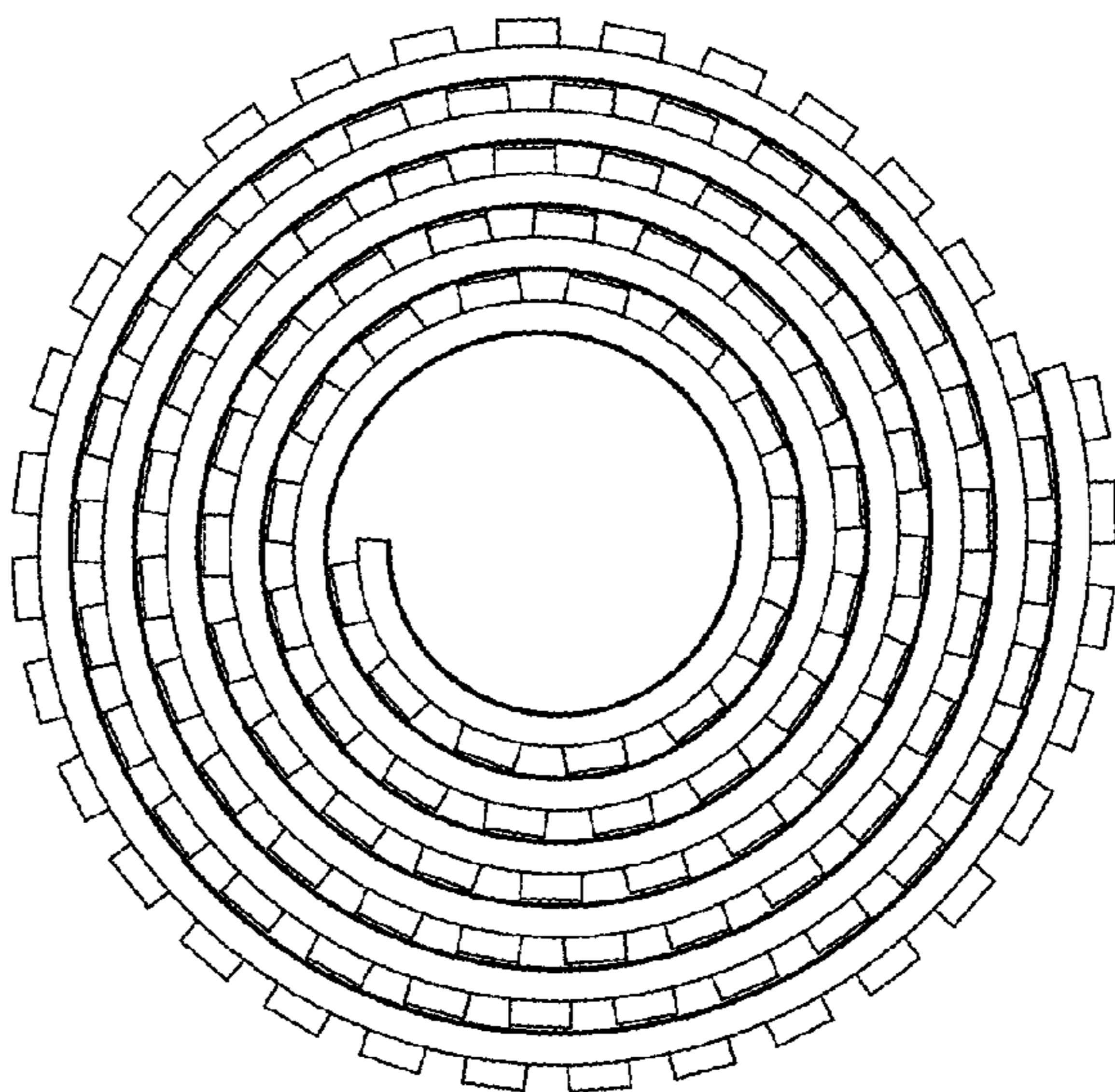


FIG. 19

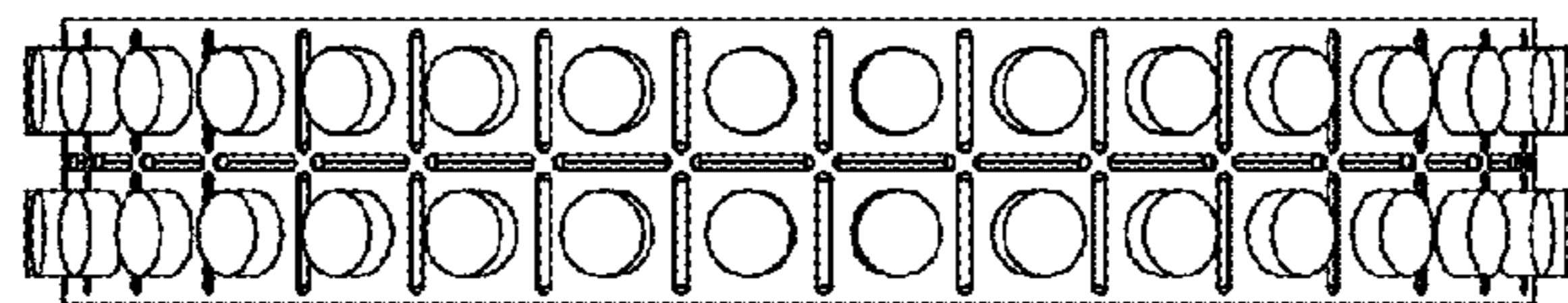


FIG. 20

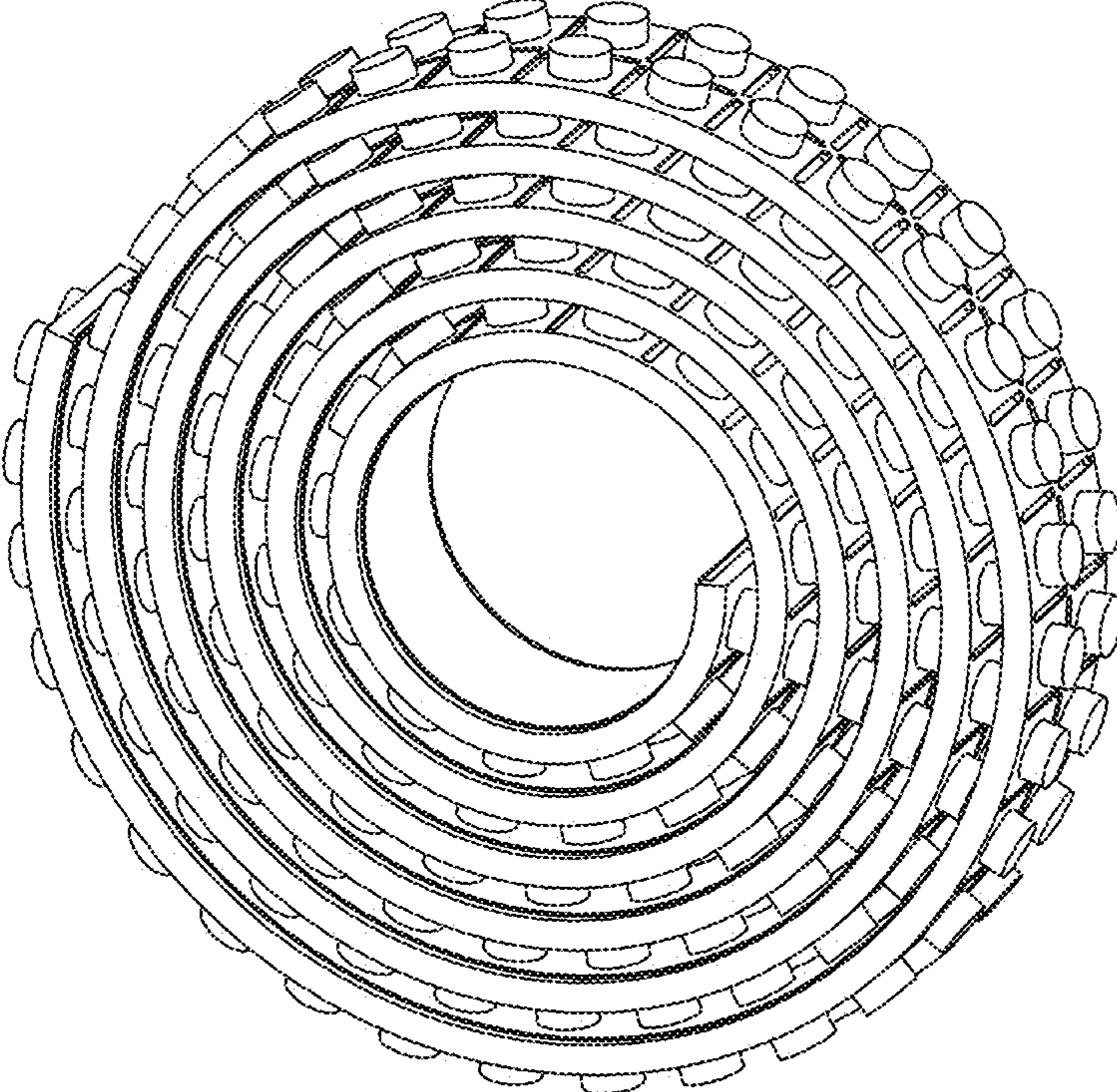


FIG. 21

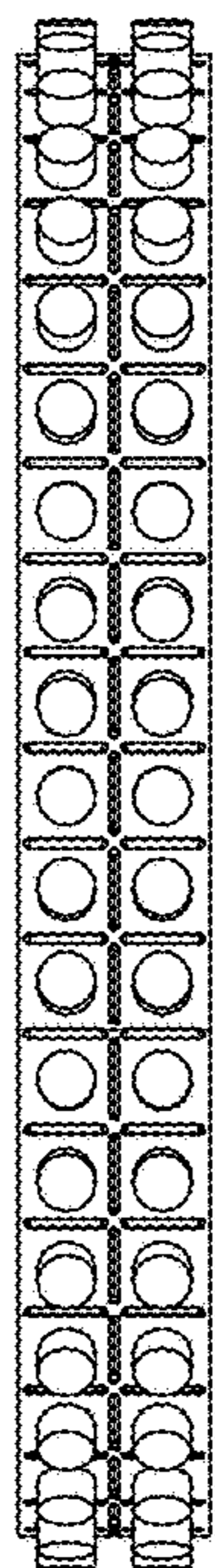


FIG. 23

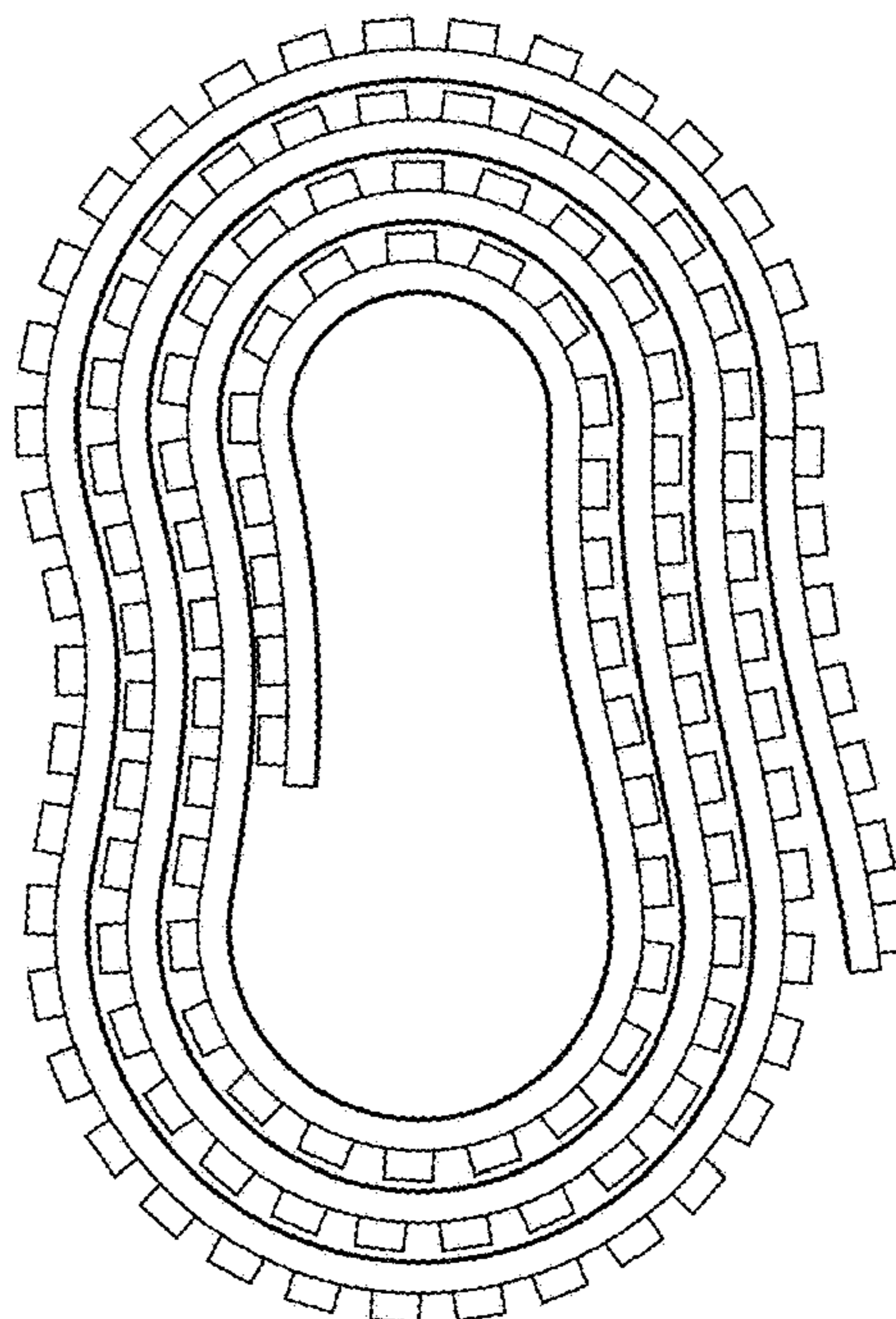


FIG. 24

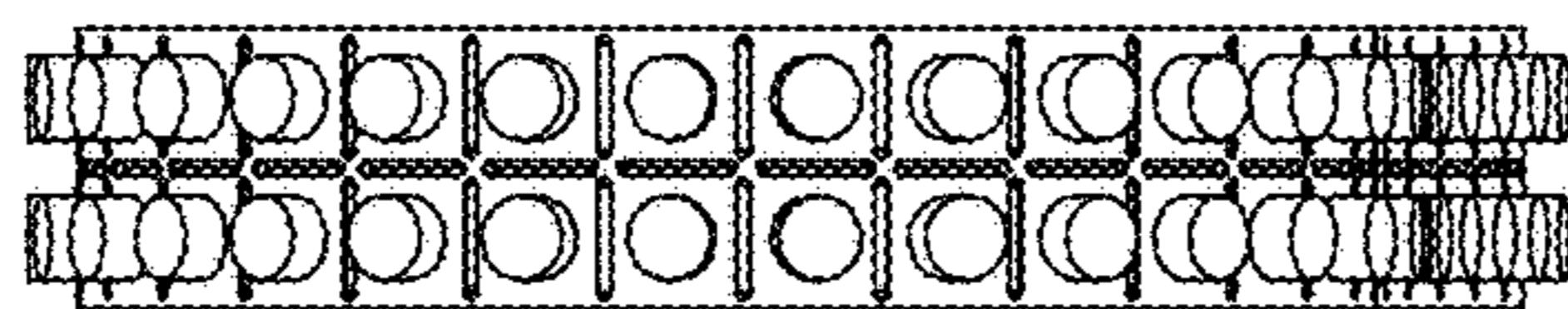


FIG. 22

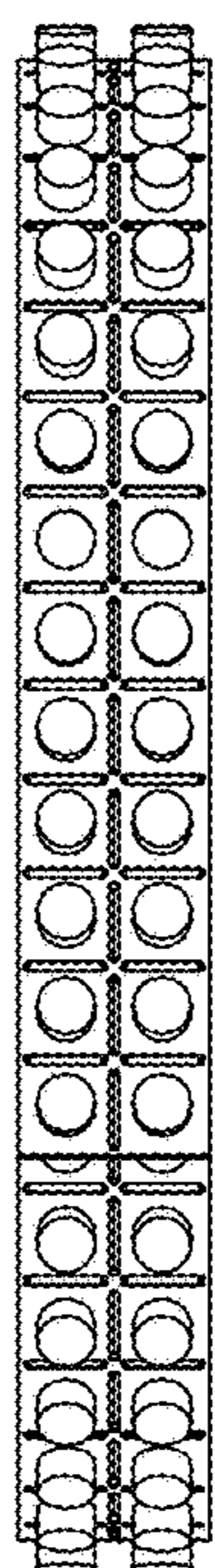


FIG. 25

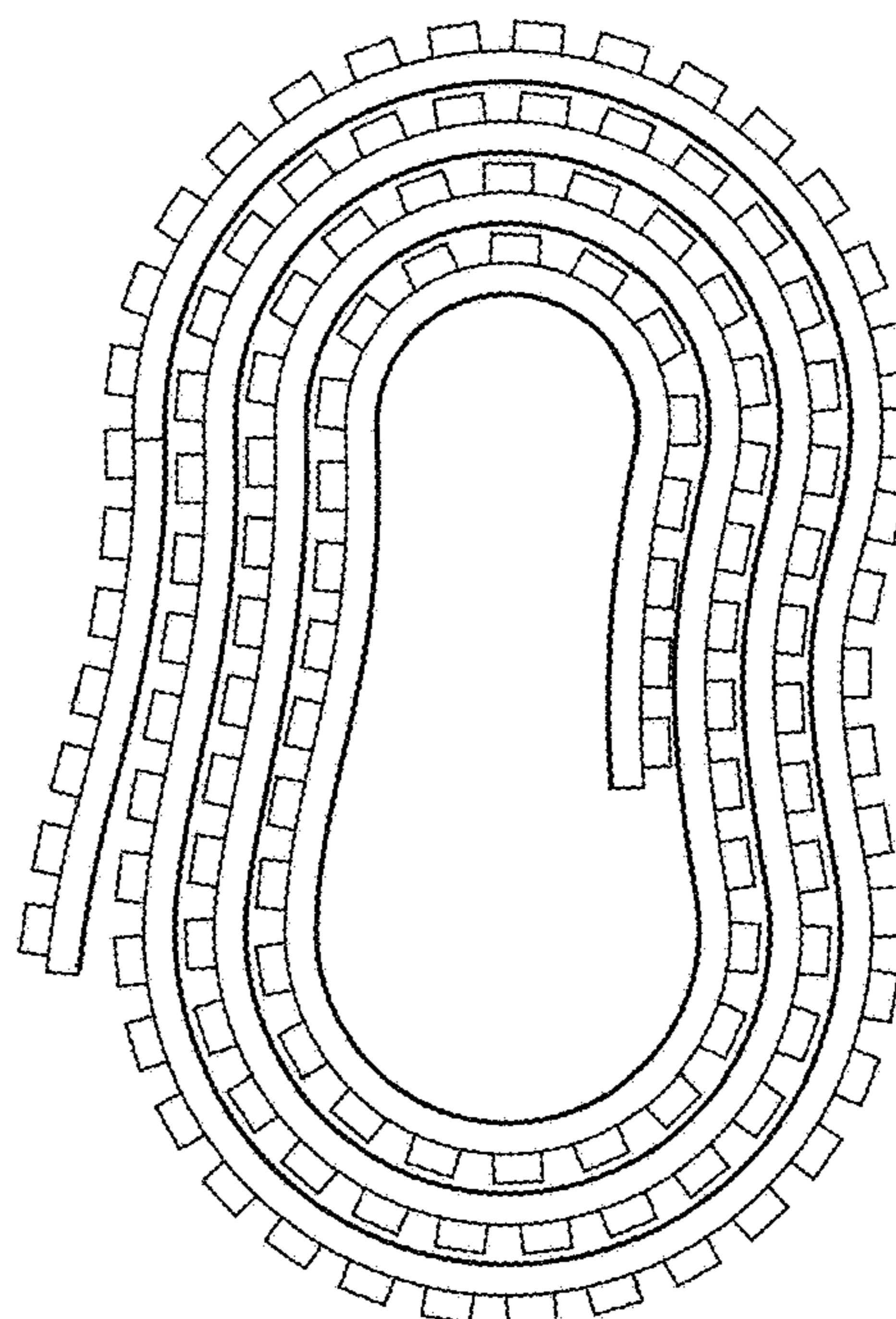


FIG. 26

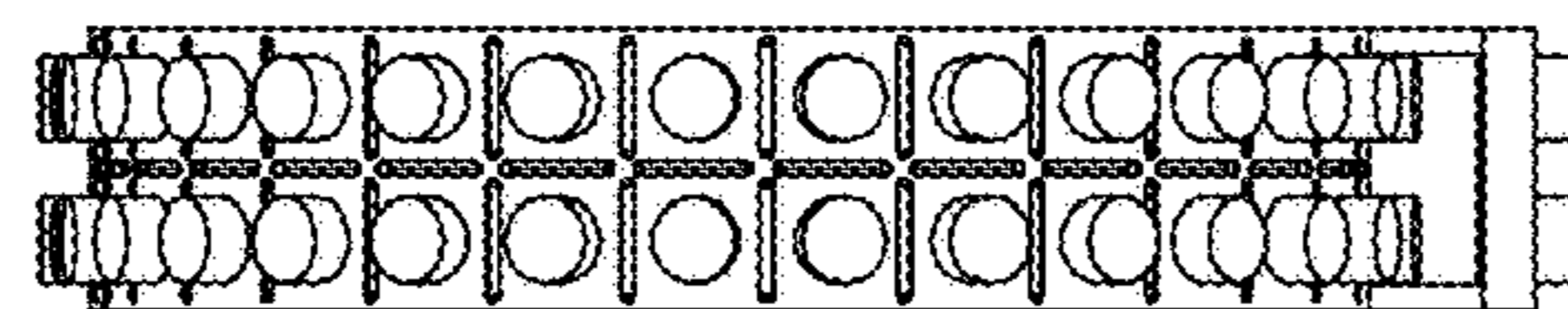


FIG. 27

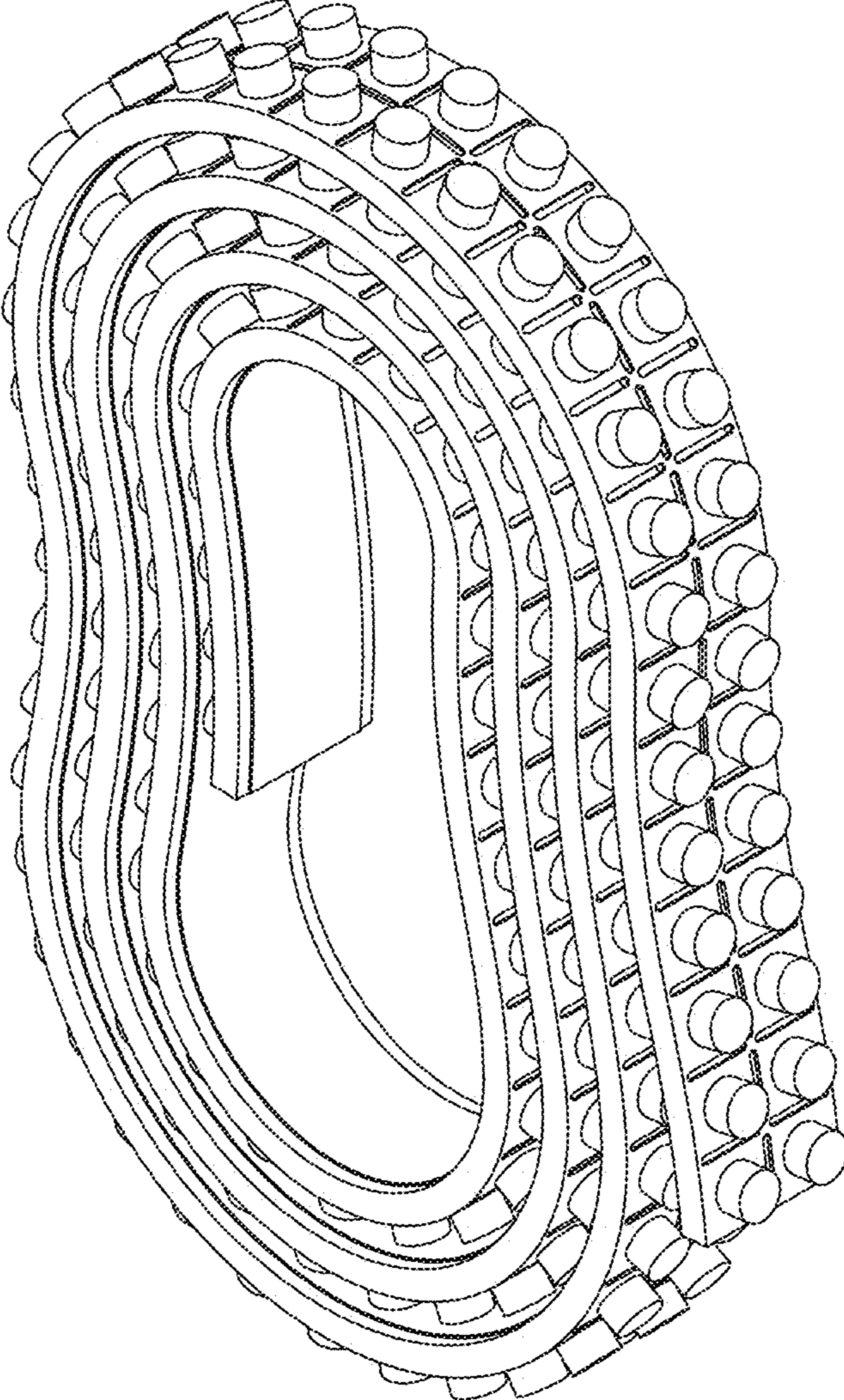


FIG. 28

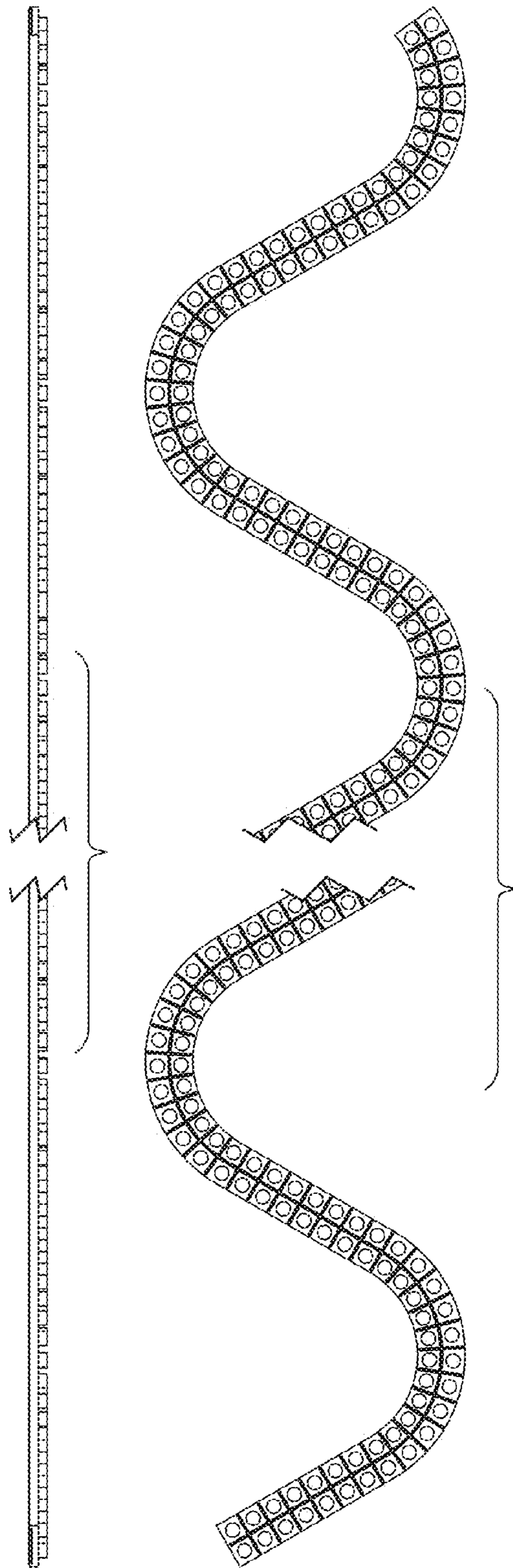


FIG. 30

FIG. 31

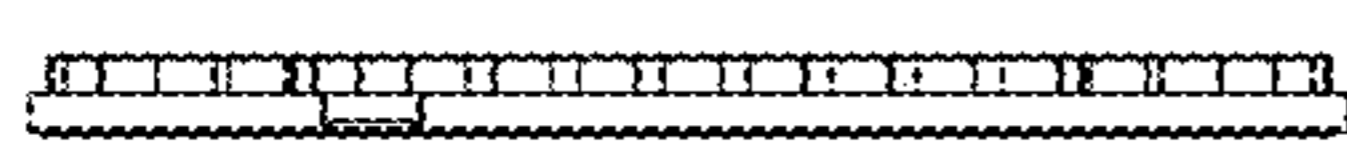


FIG. 34

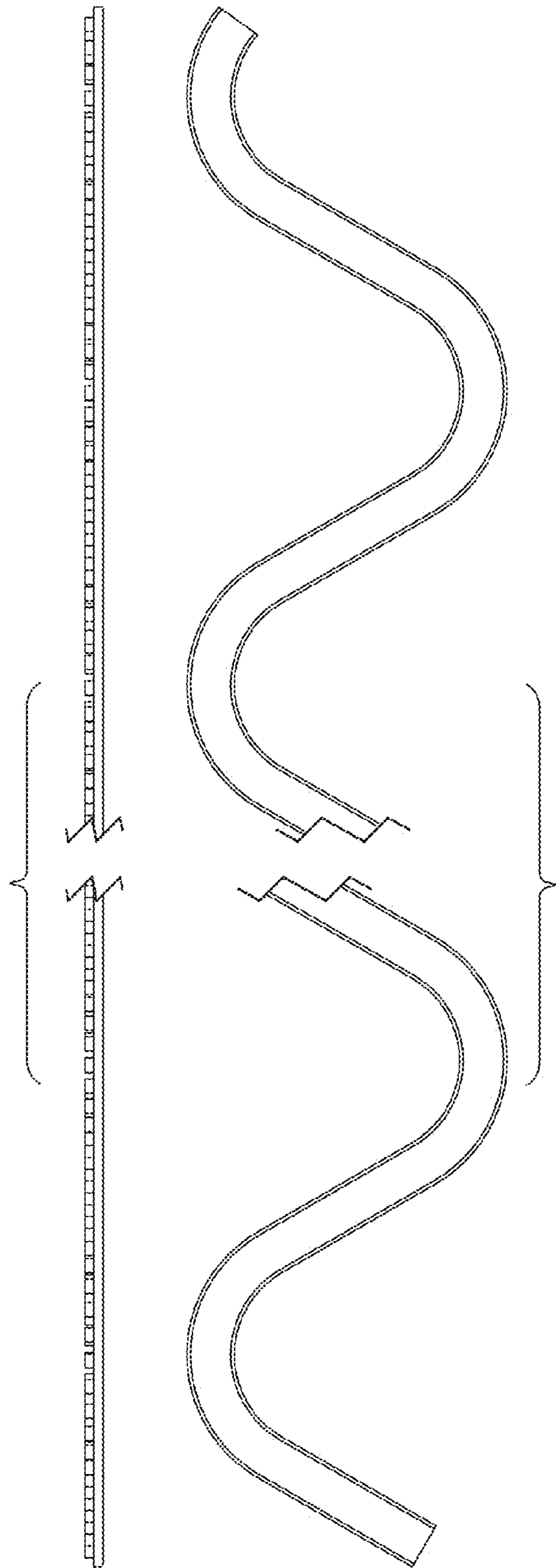


FIG. 32

FIG. 33

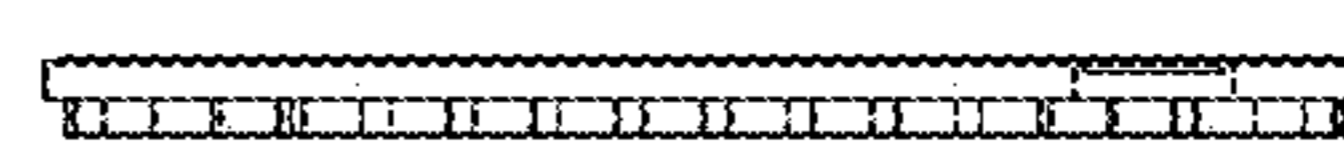


FIG. 29

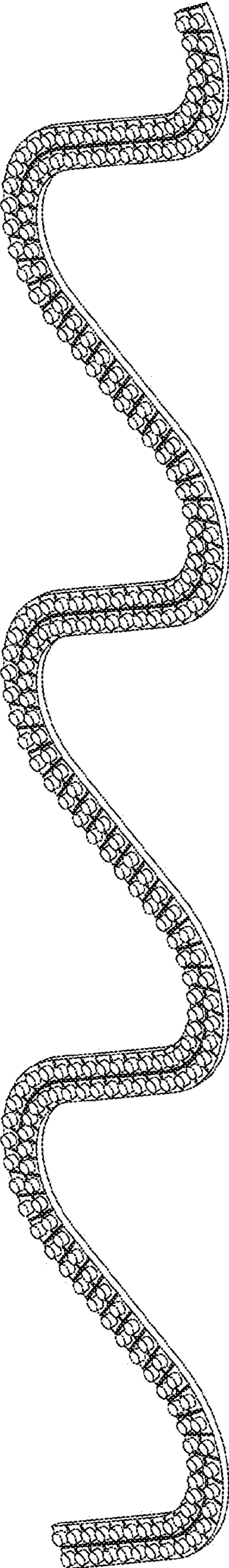


FIG. 35

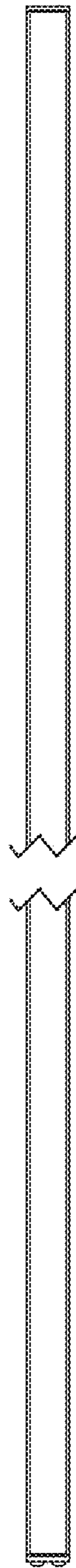


FIG. 37

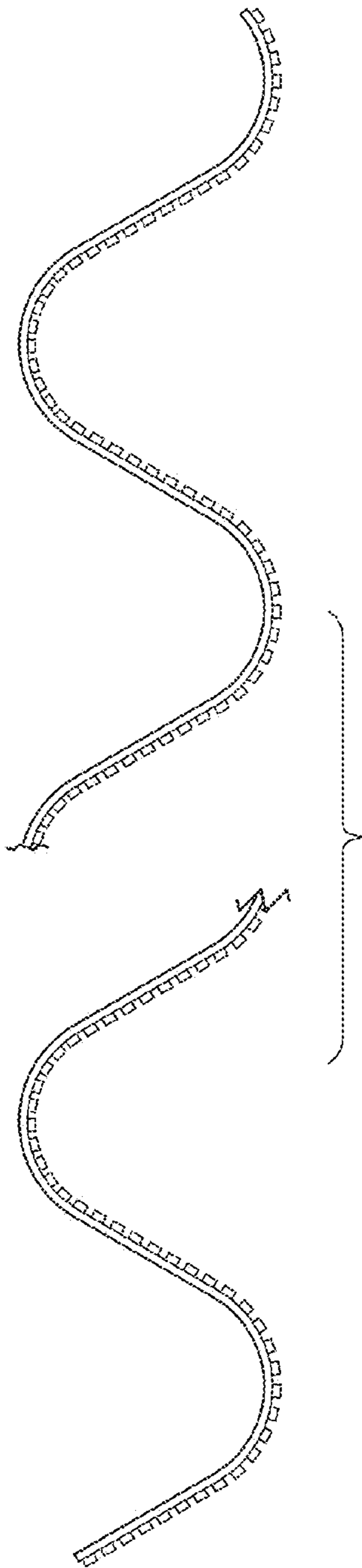


FIG. 38

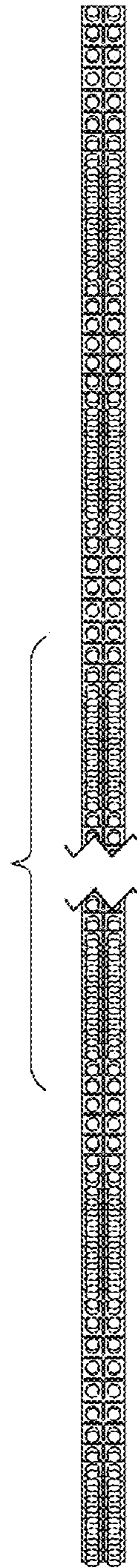


FIG. 39

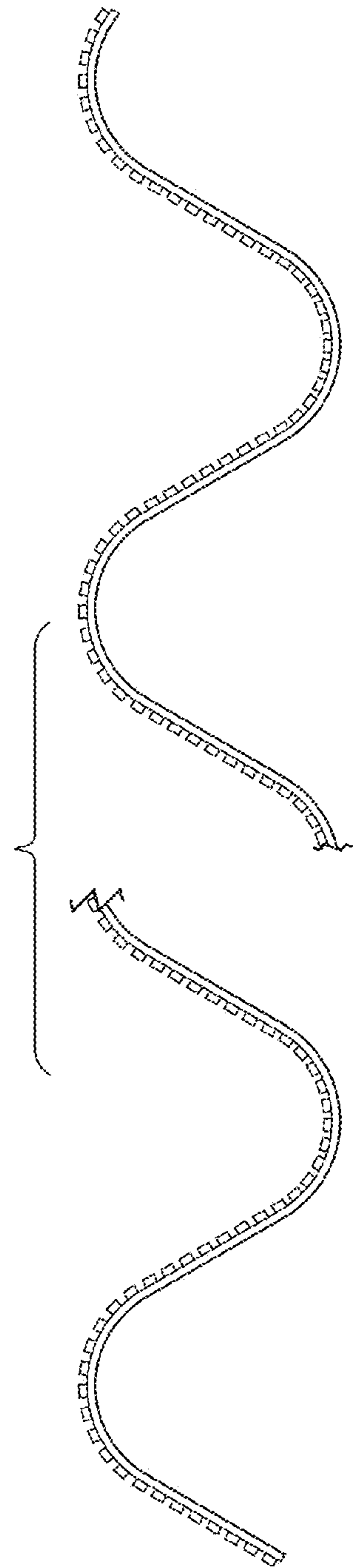


FIG. 40



FIG. 41



FIG. 36

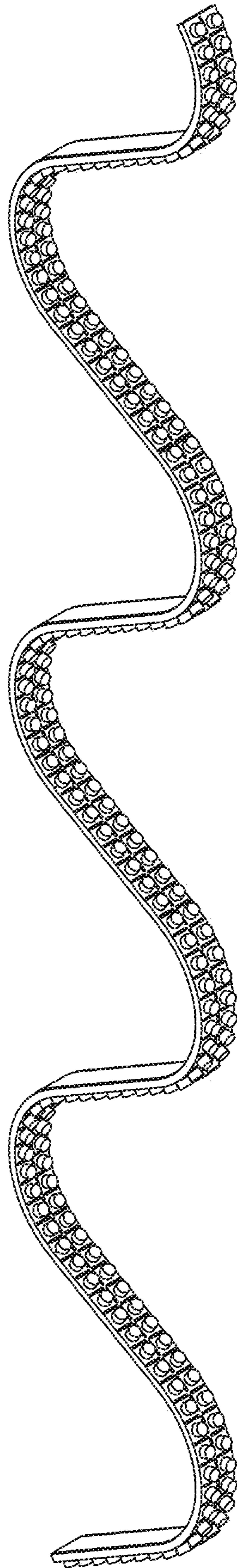
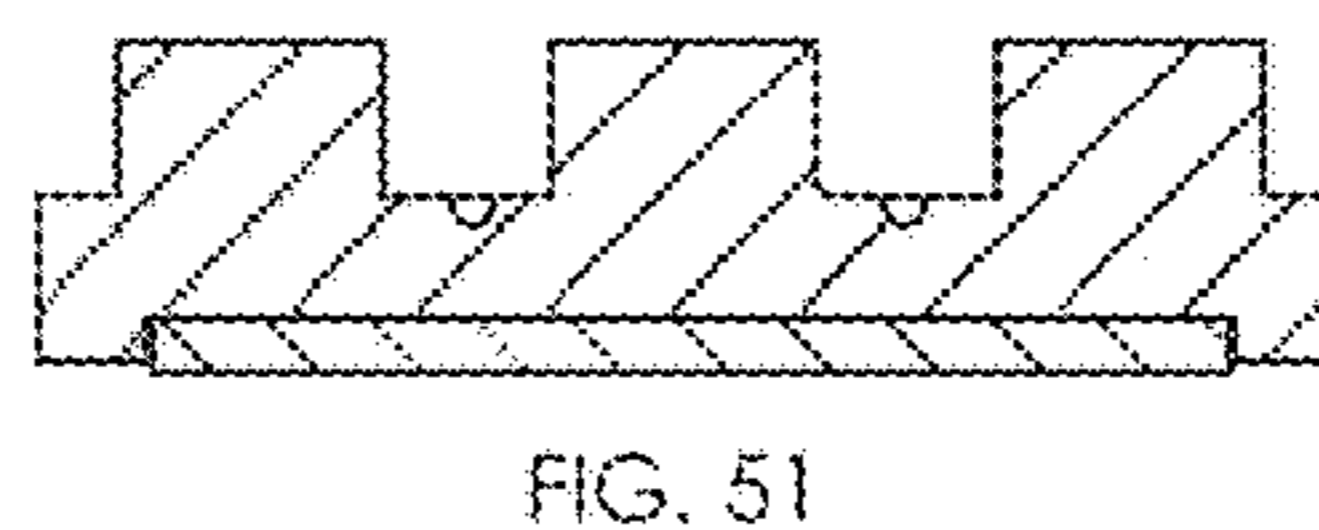
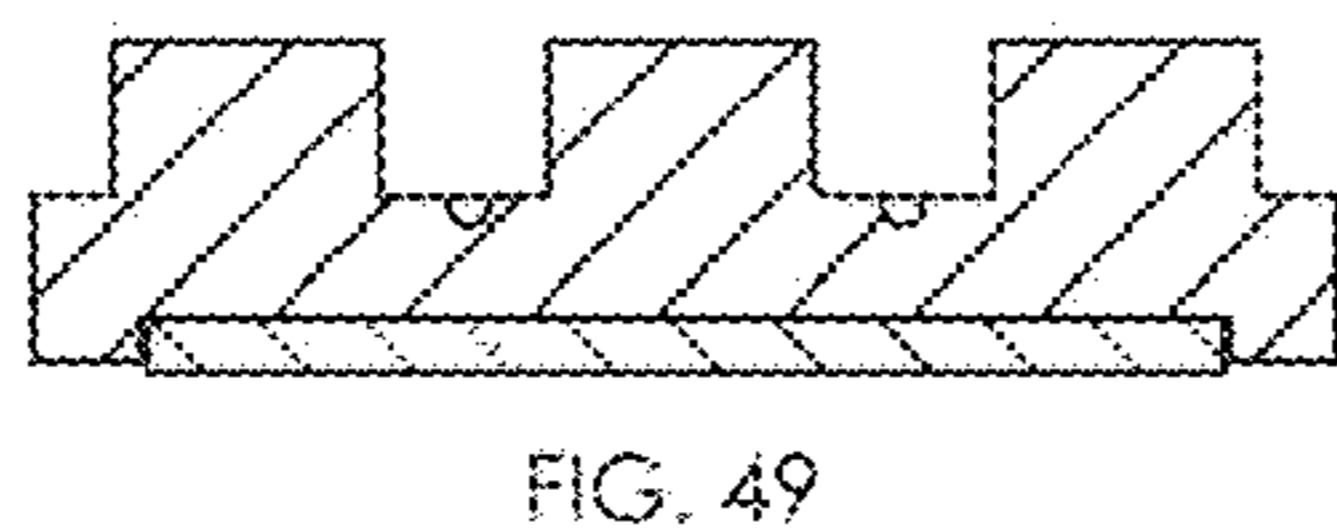
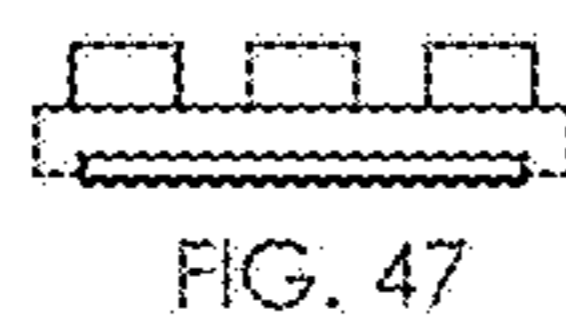
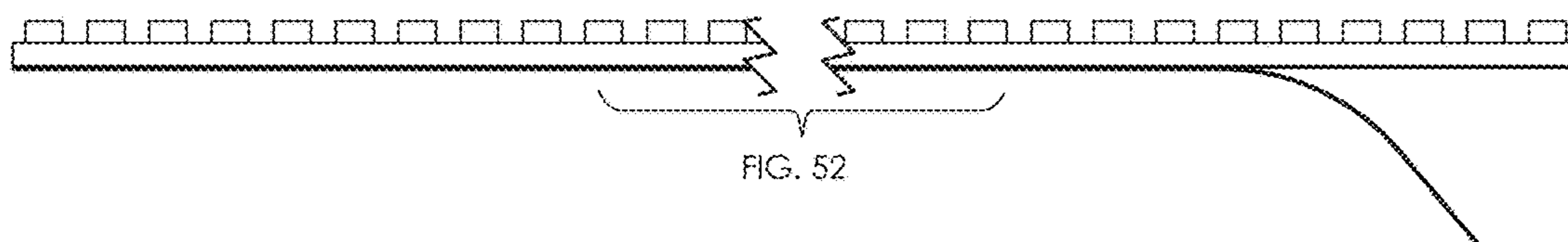
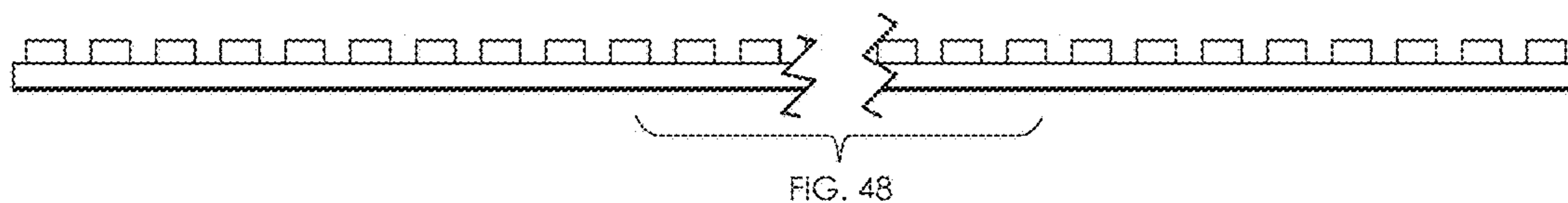
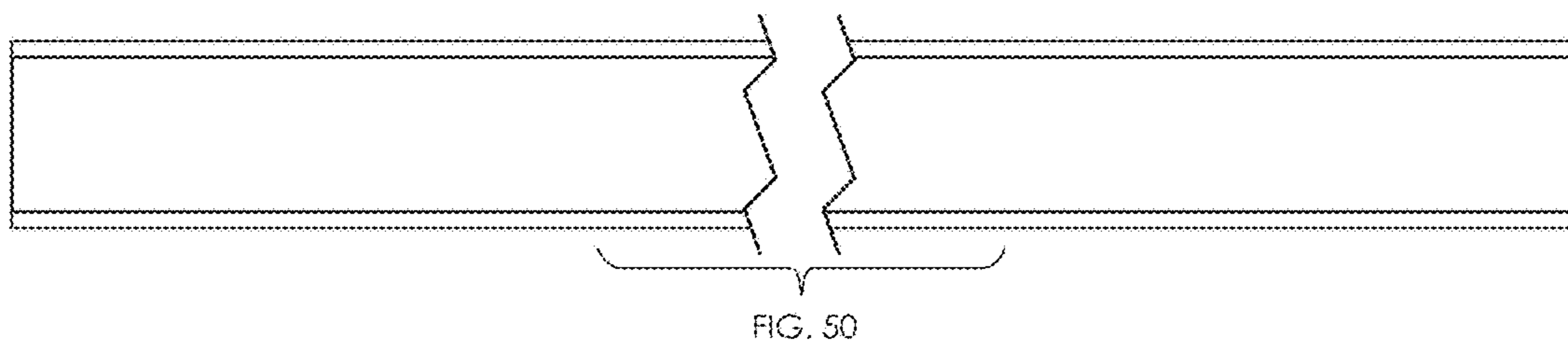
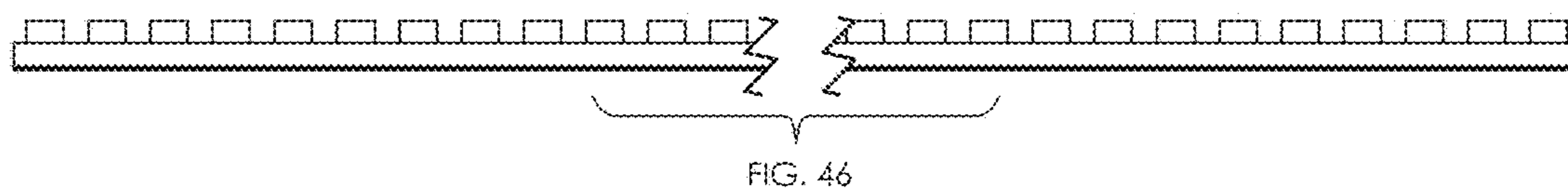
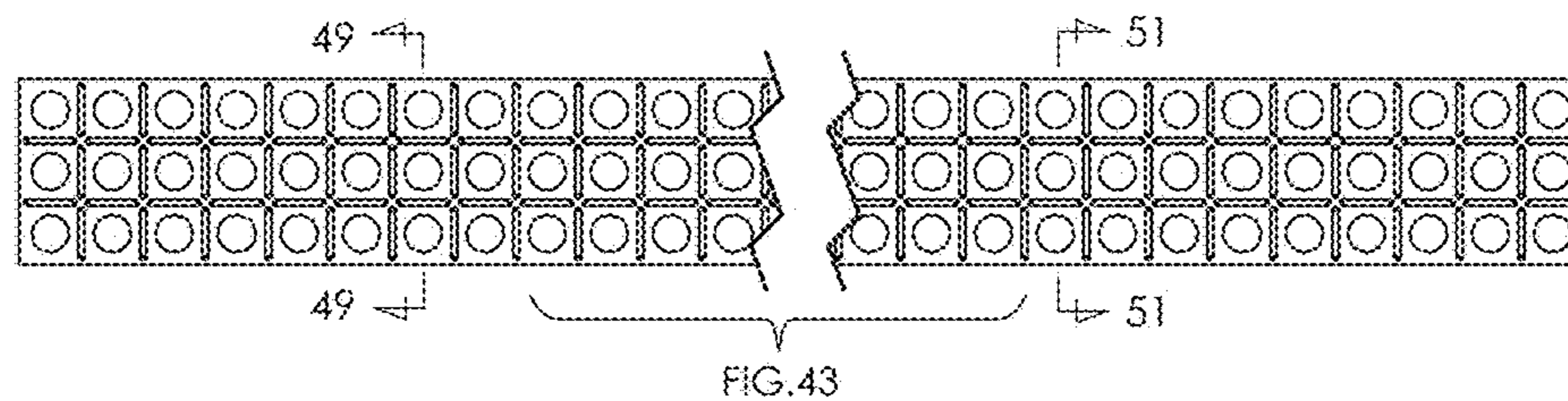
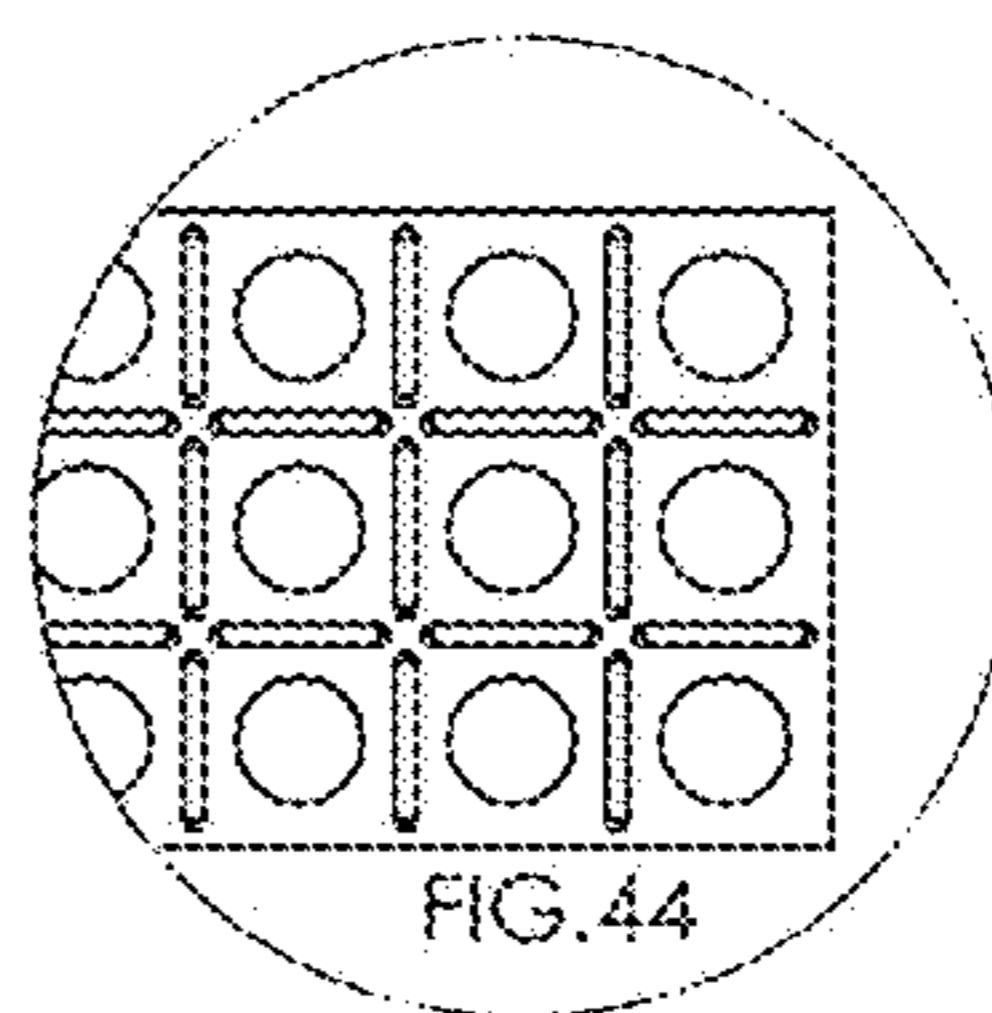
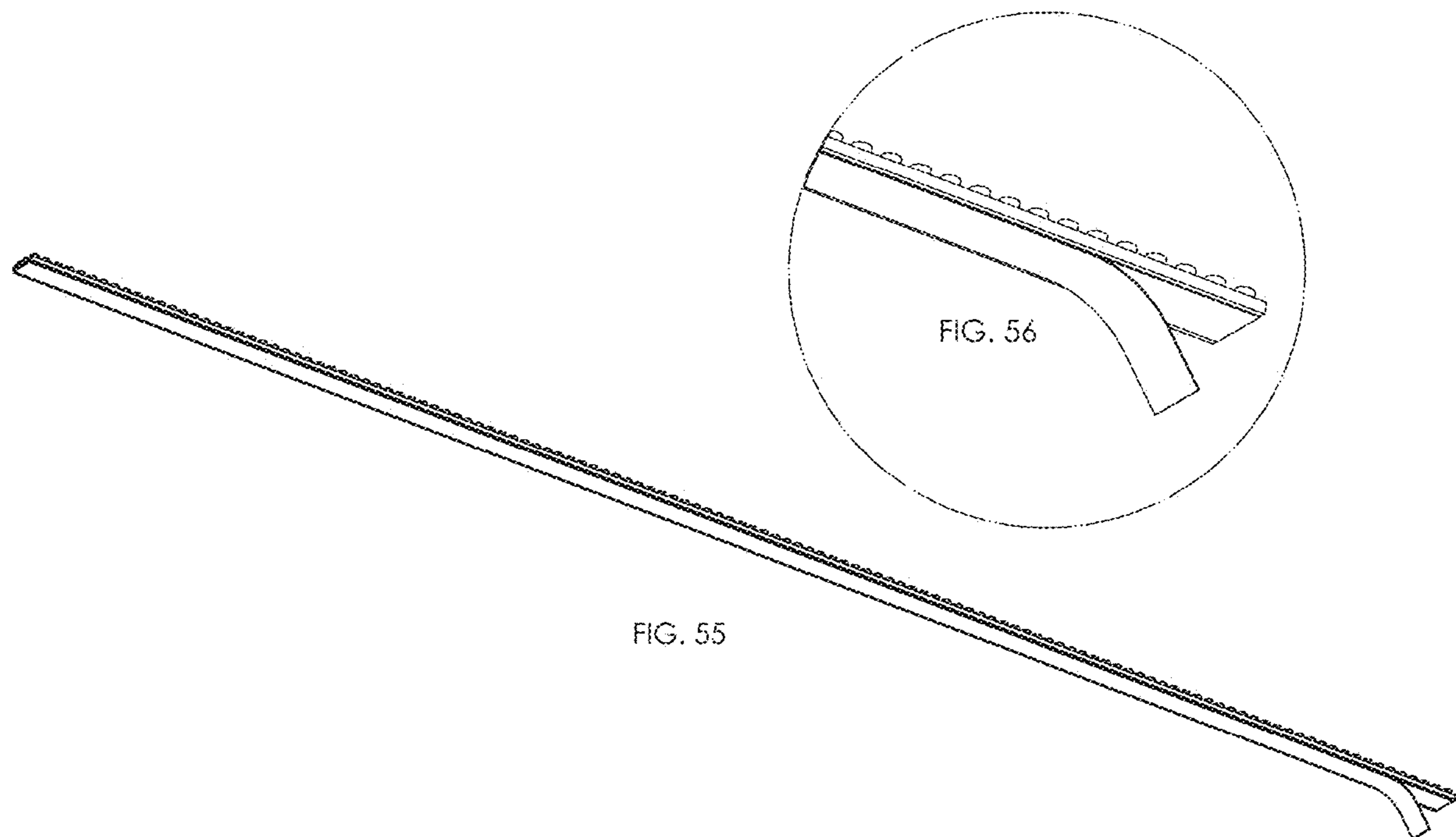
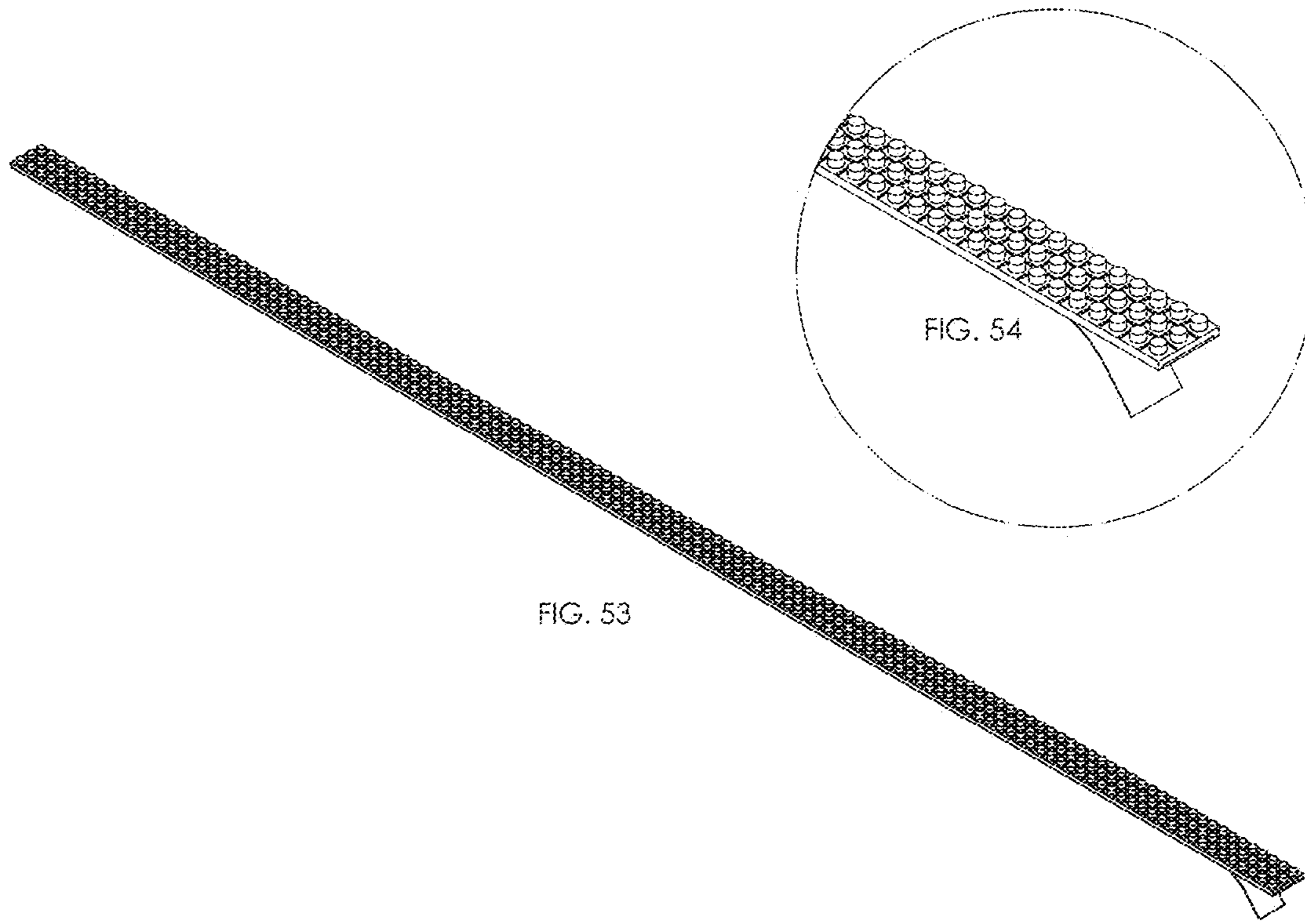


FIG. 42





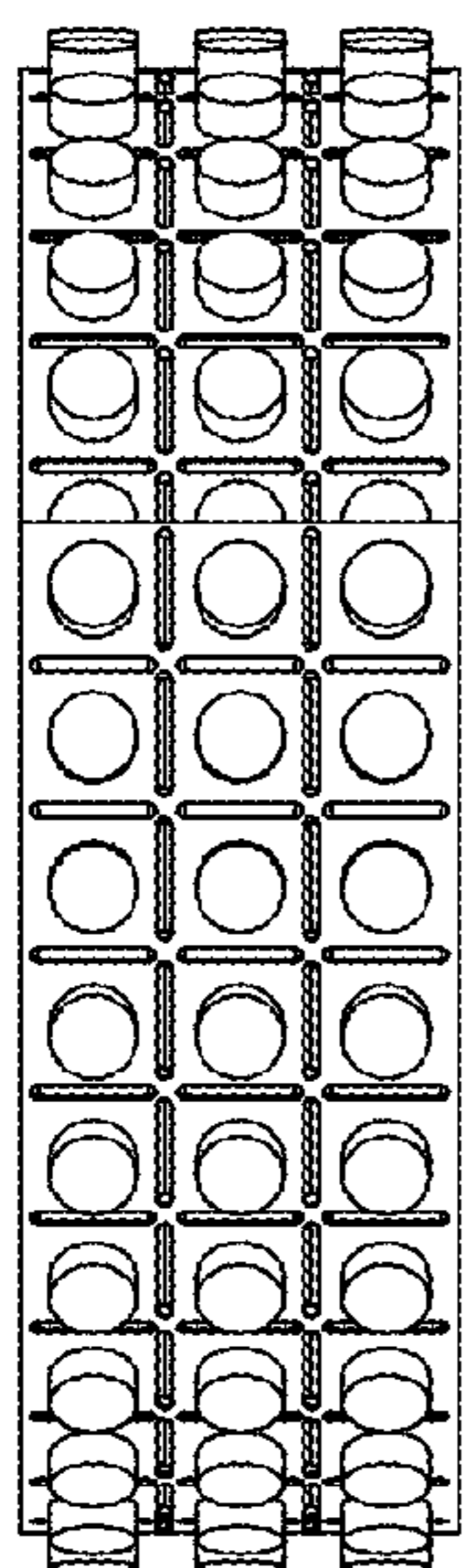


FIG. 58

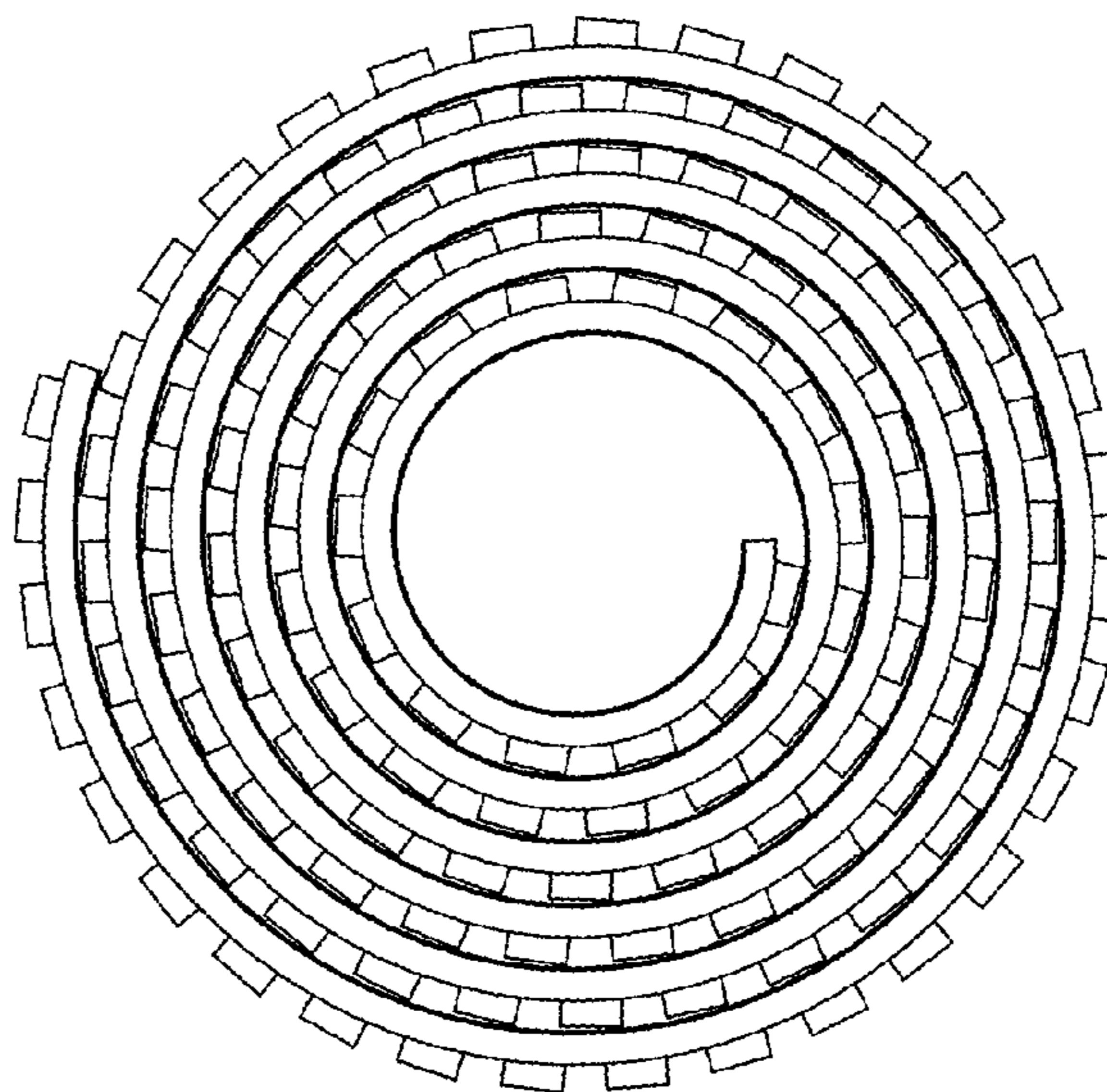


FIG. 59

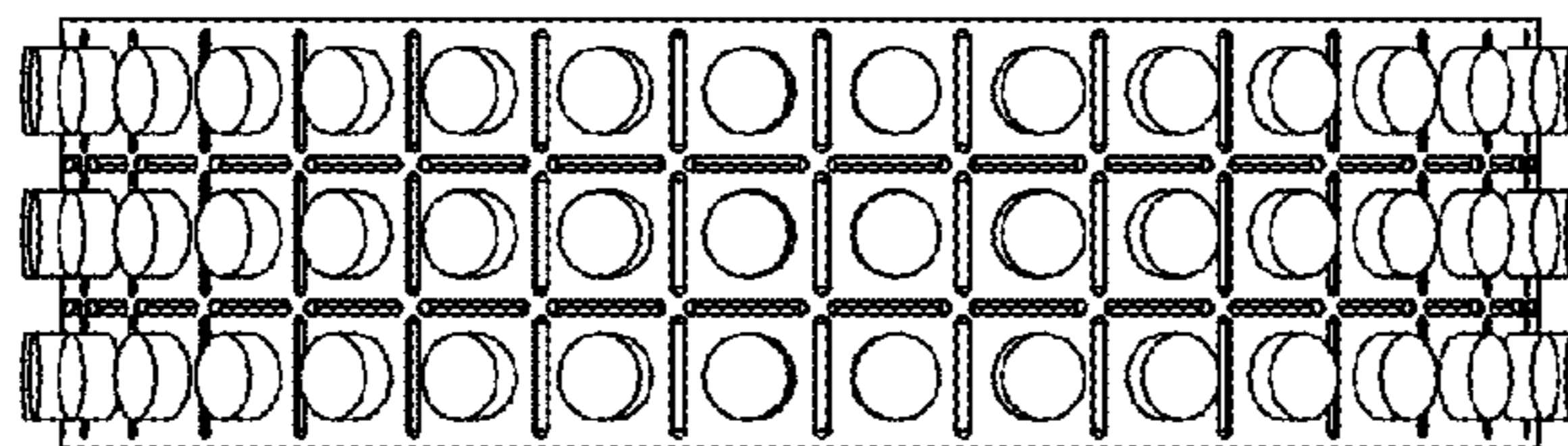


FIG. 57

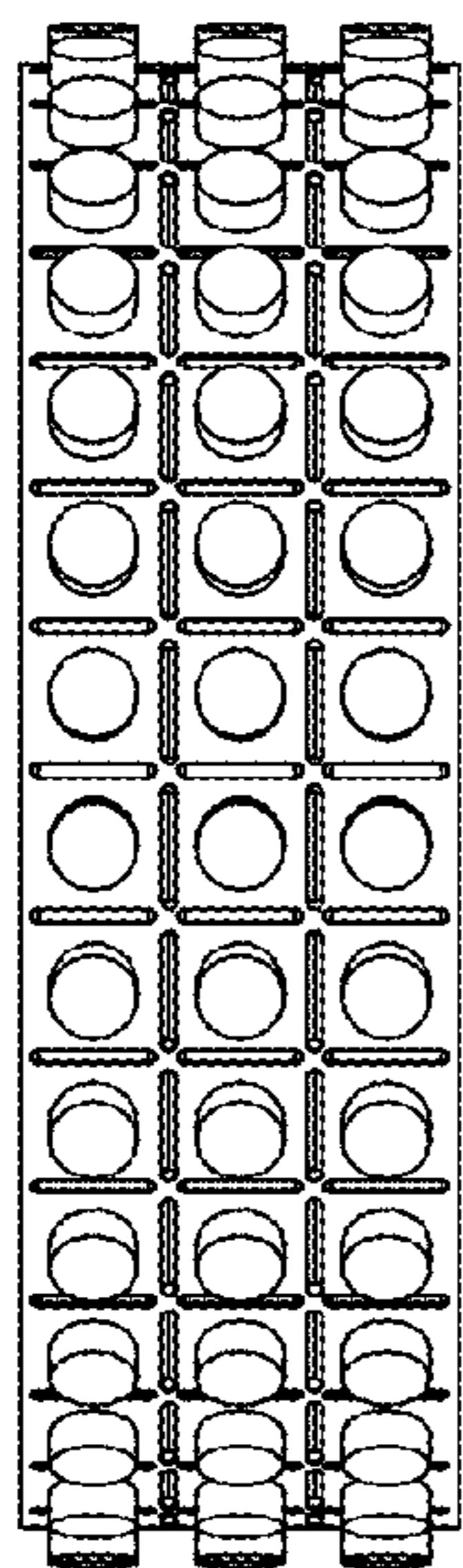


FIG. 60

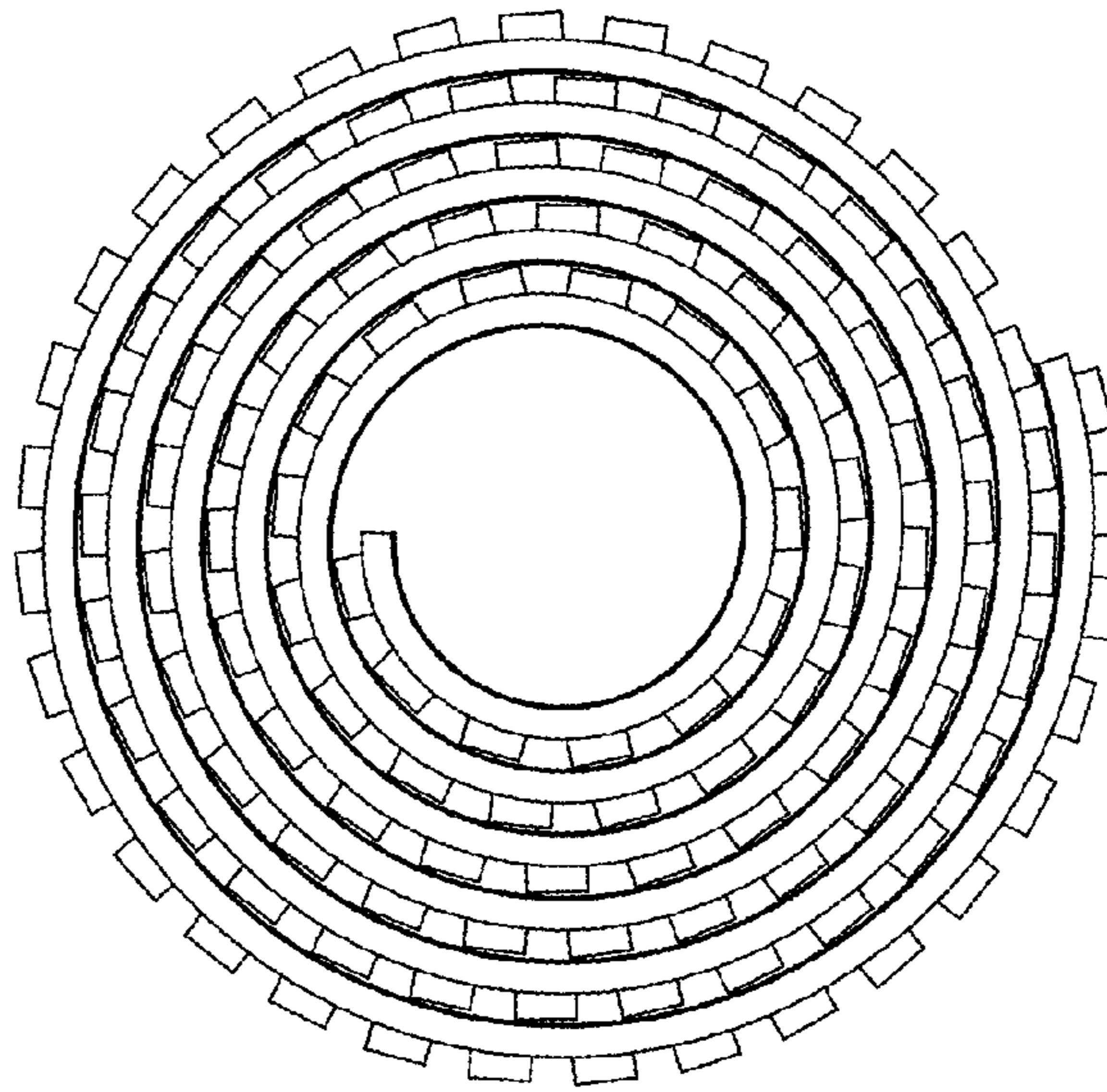


FIG. 61

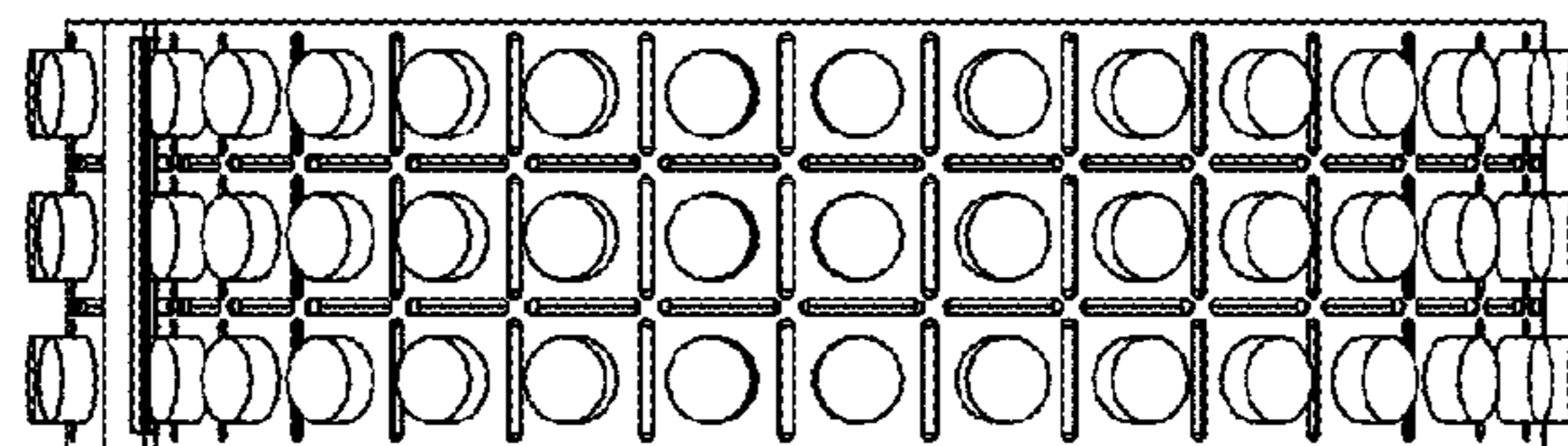


FIG. 62

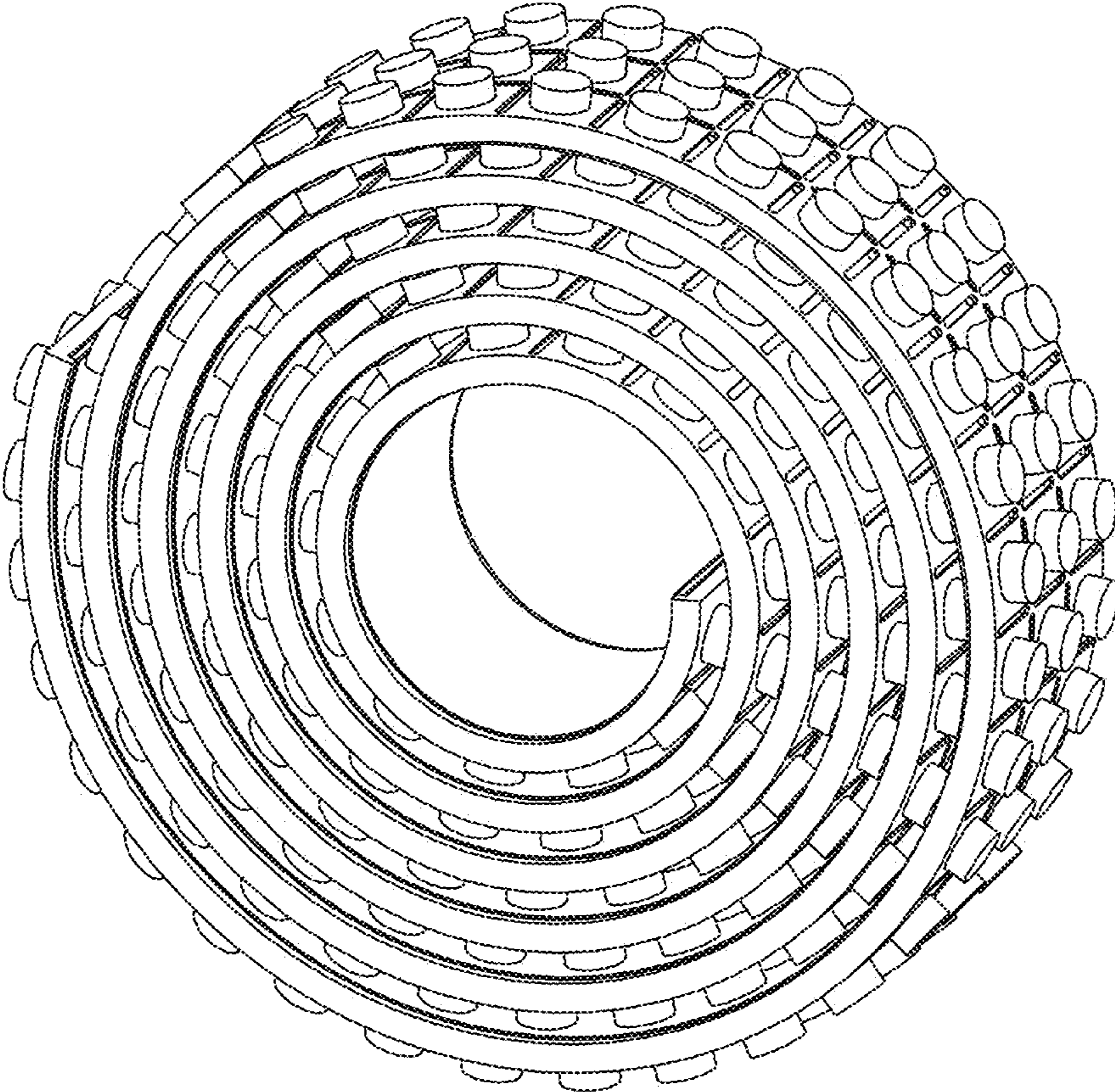


FIG. 63

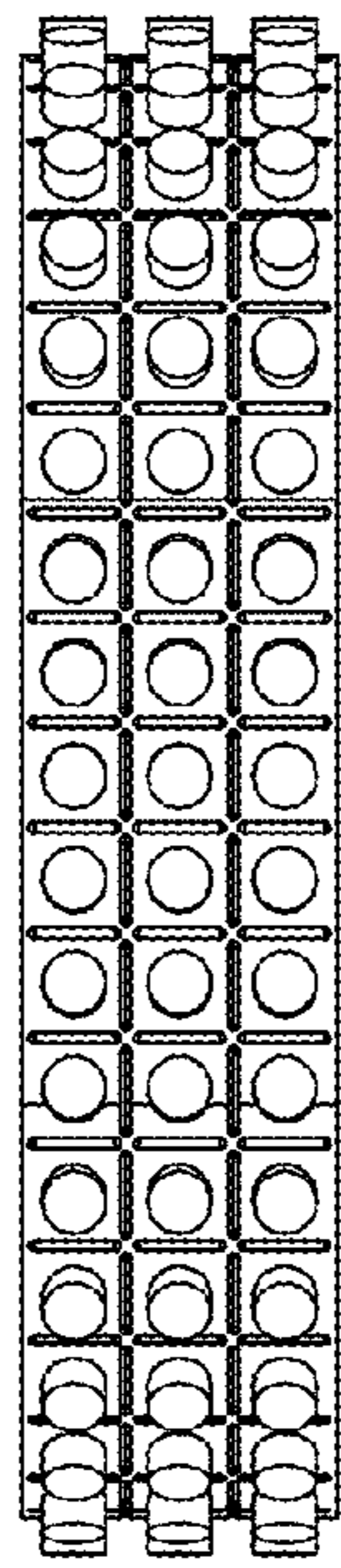


FIG. 65

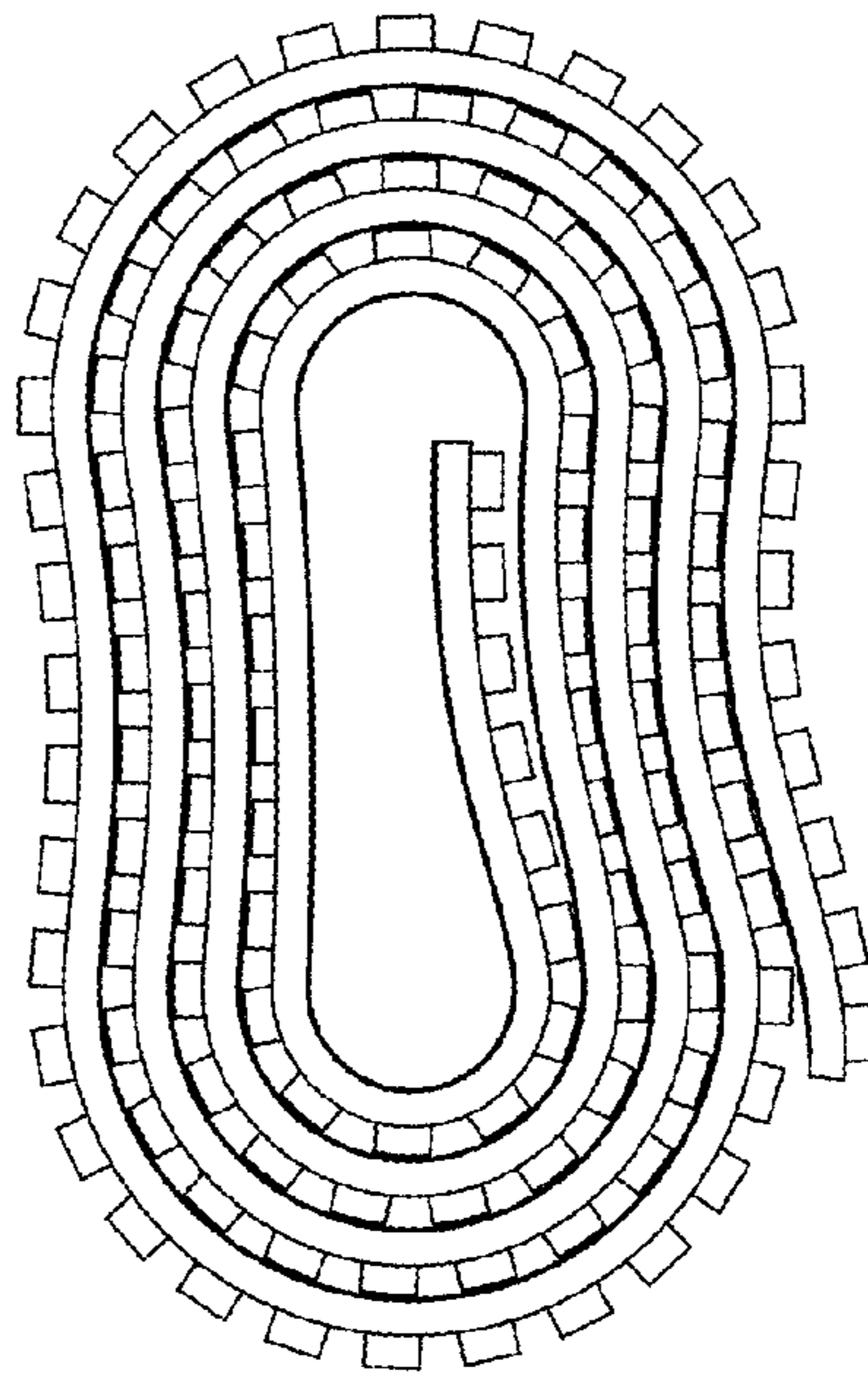


FIG. 66

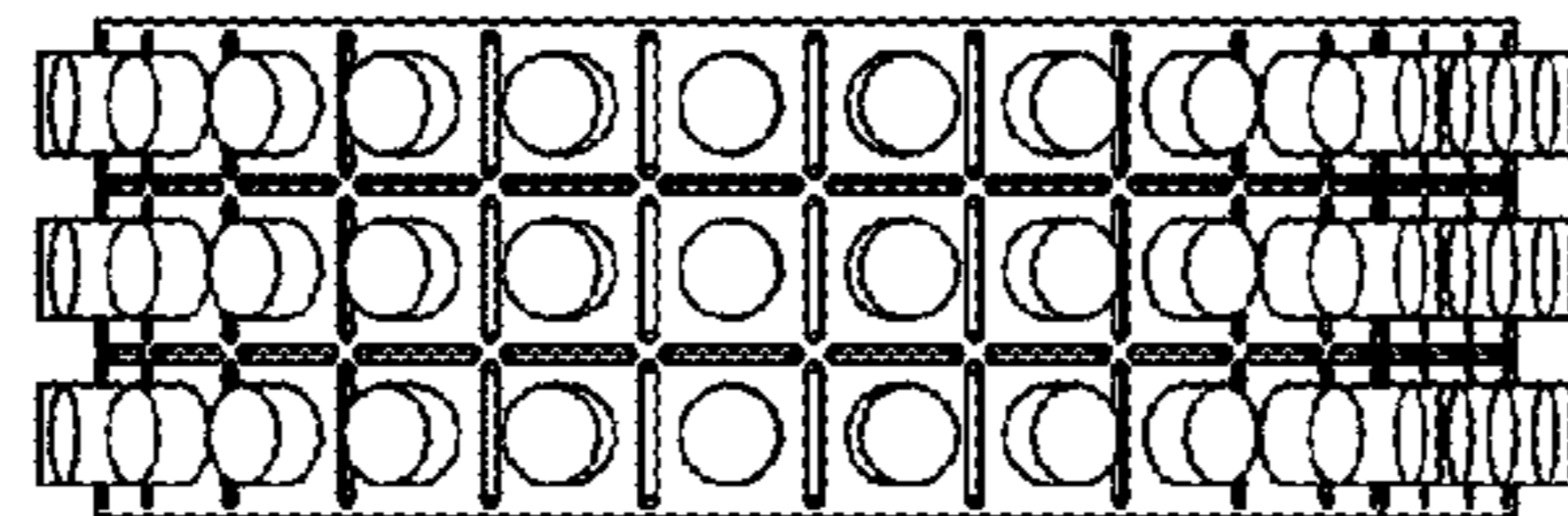


FIG. 64

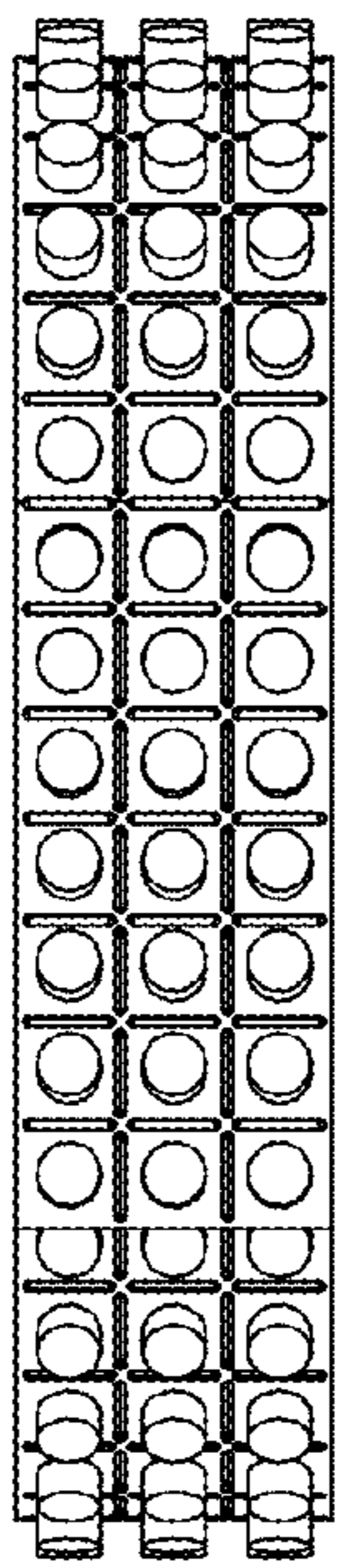


FIG. 67

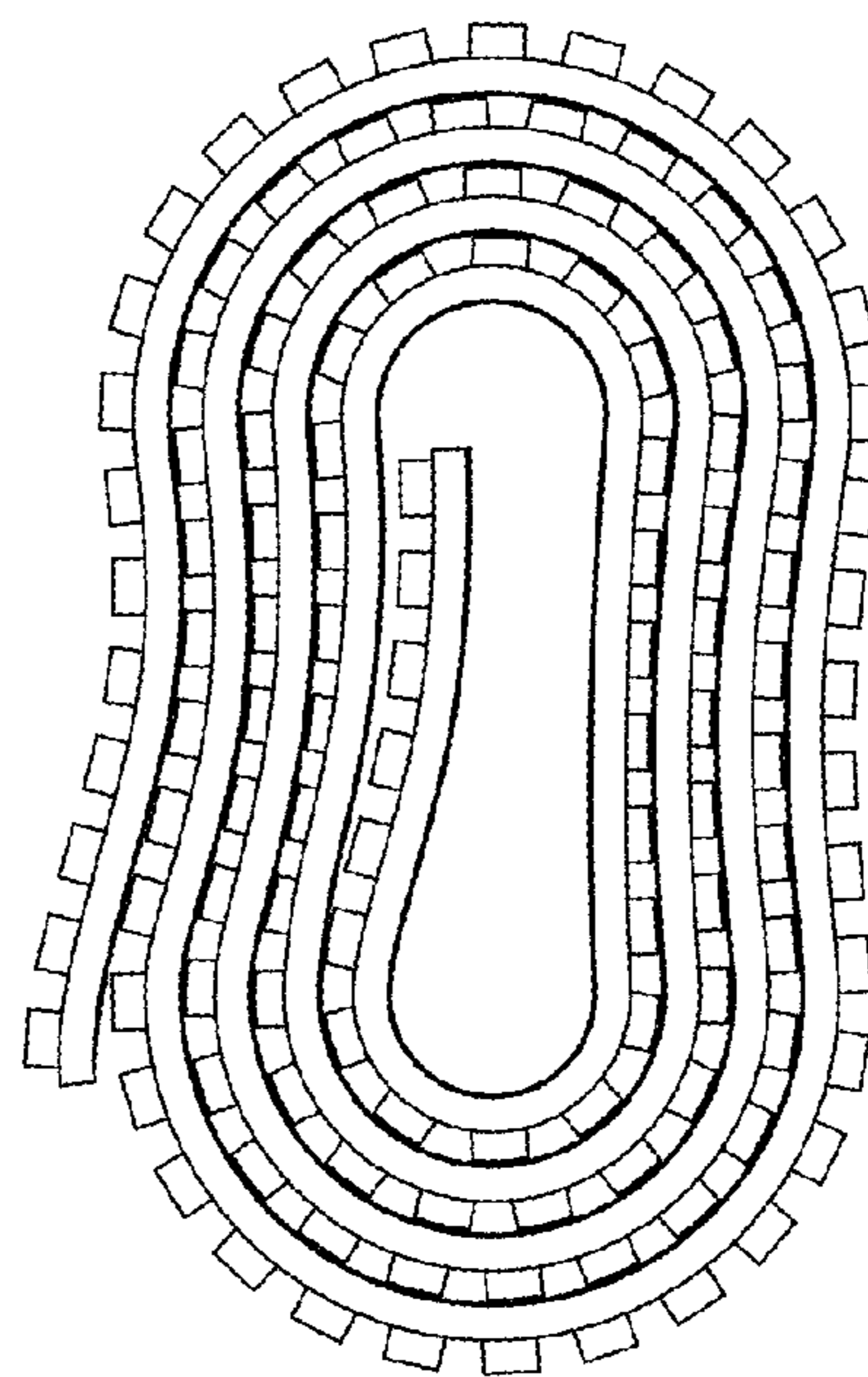


FIG. 68

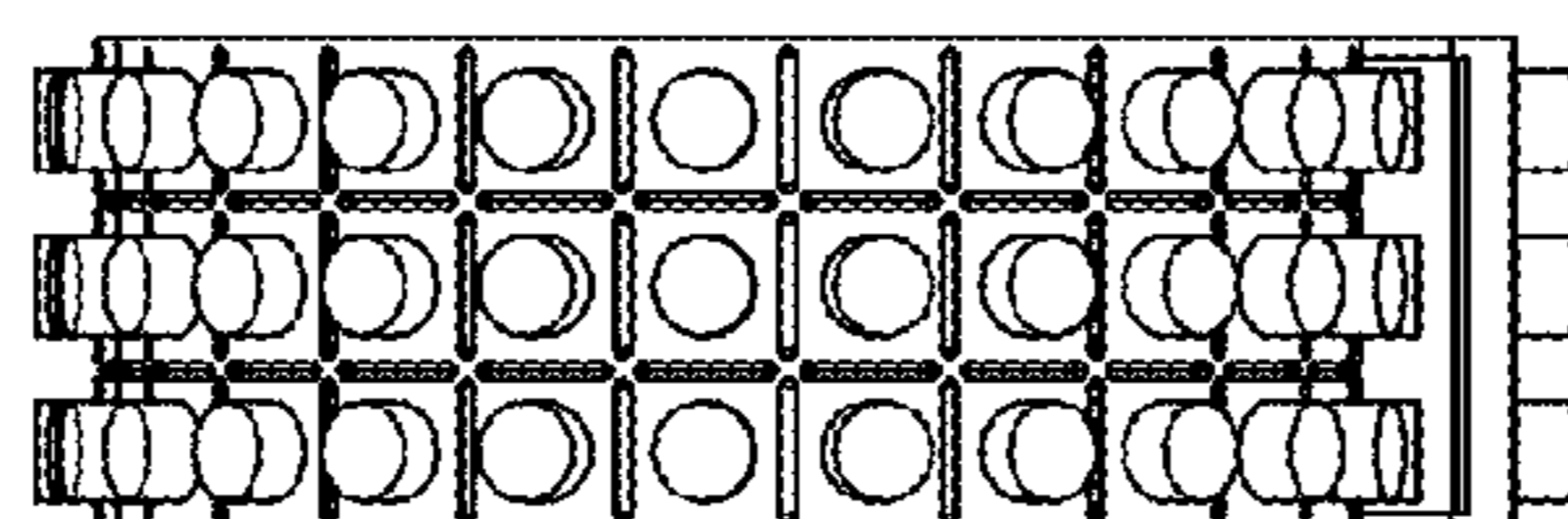


FIG. 69

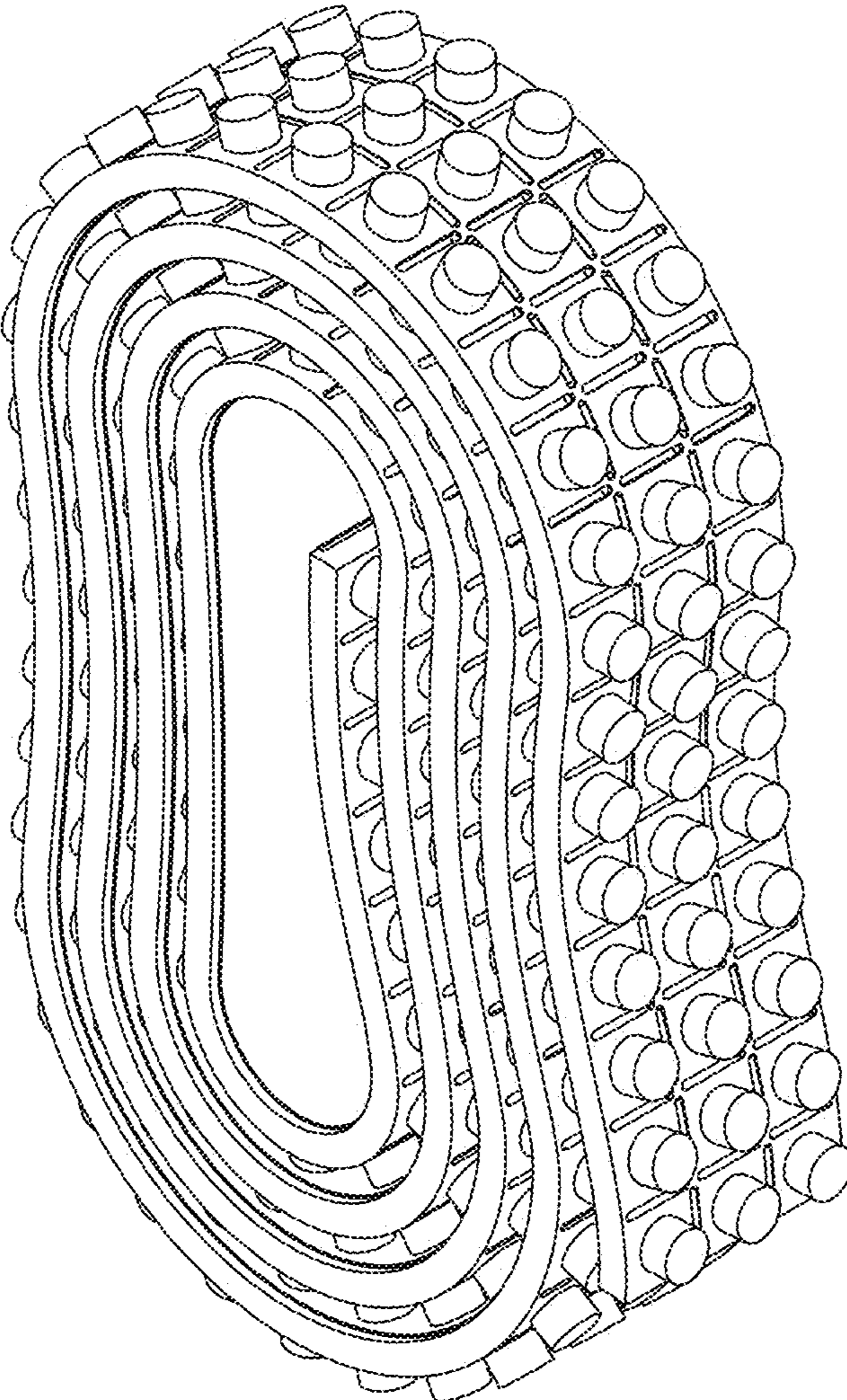


FIG. 70

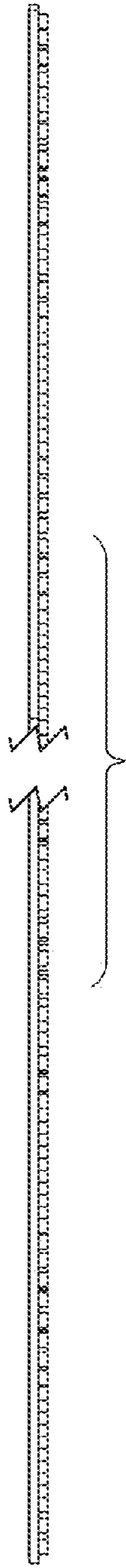


FIG. 72

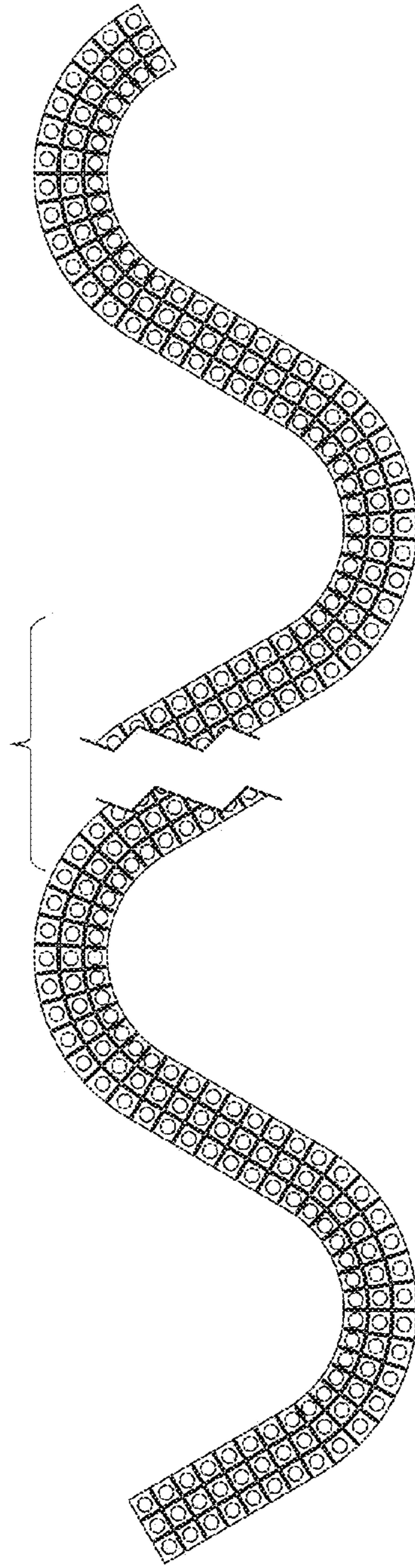


FIG. 73



FIG. 74

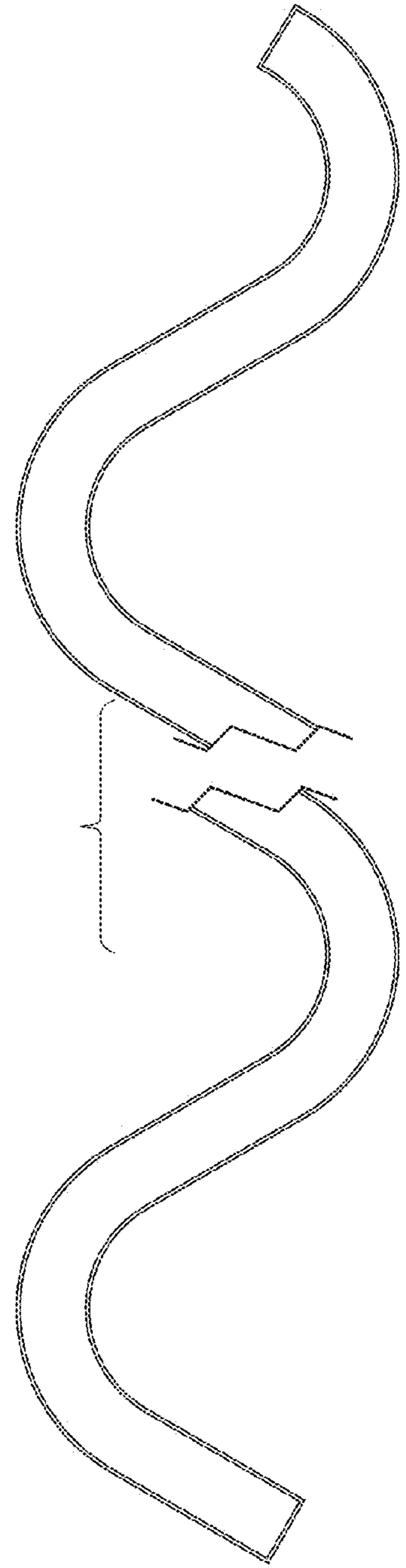


FIG. 75

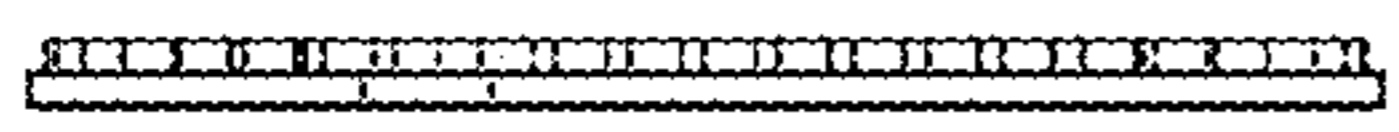


FIG. 76

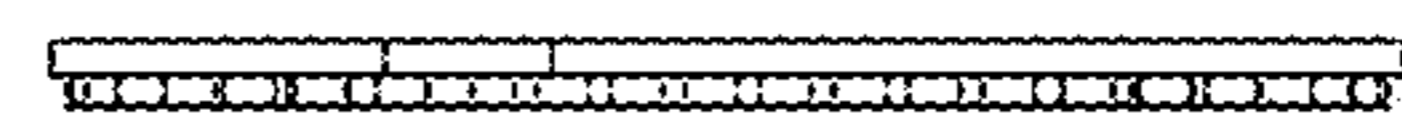


FIG. 71

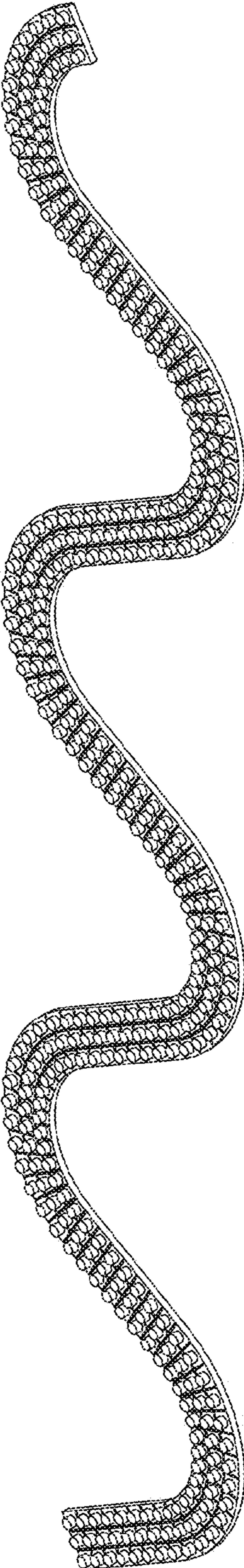


FIG. 77



FIG. 79

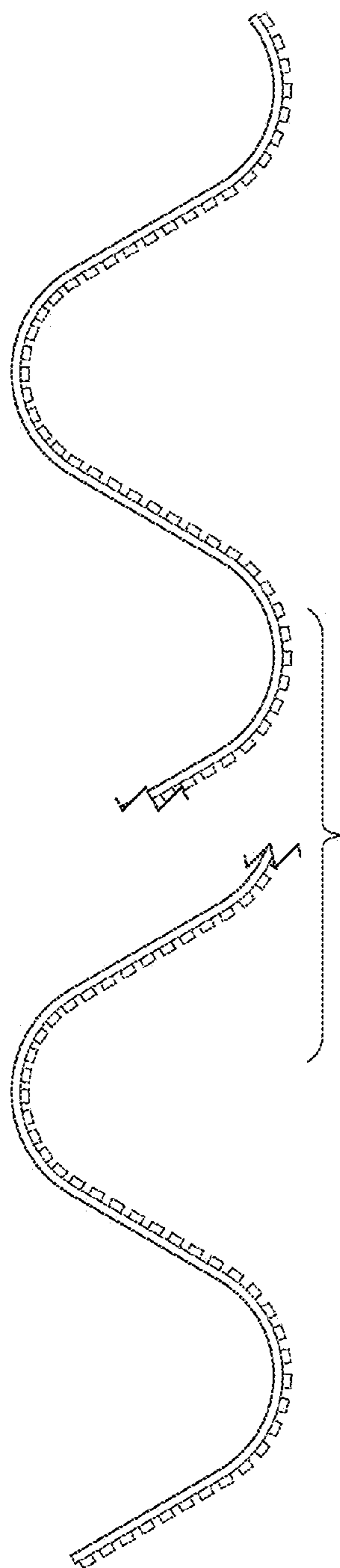


FIG. 80

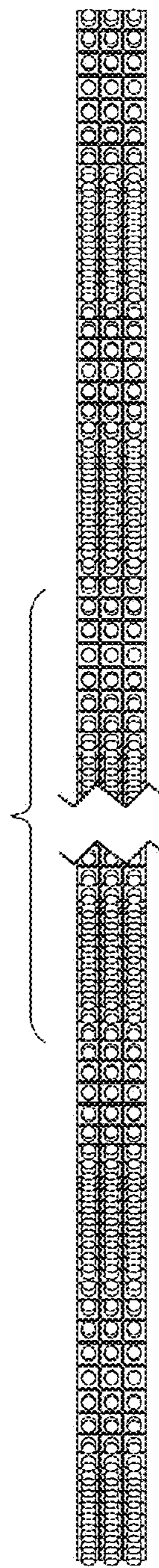


FIG. 81

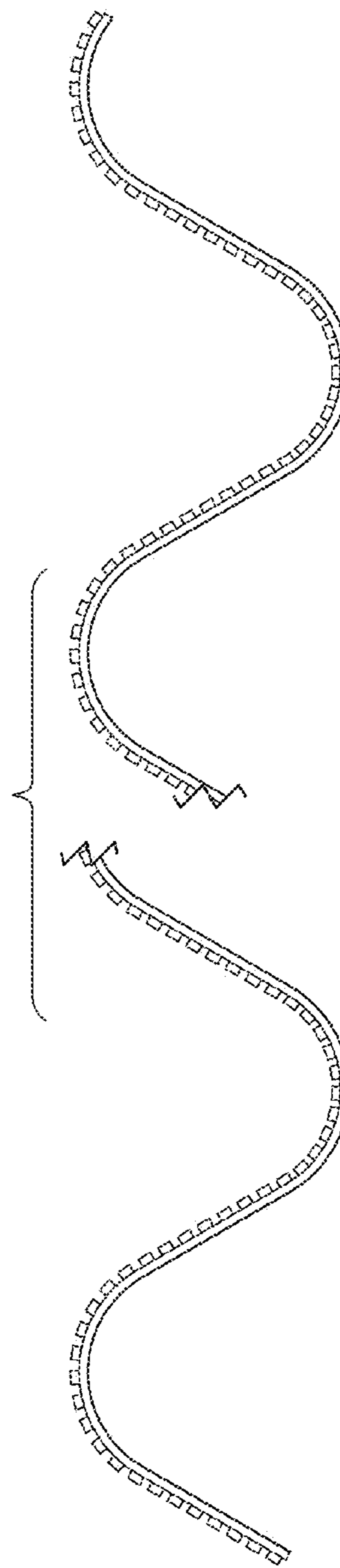


FIG. 82



FIG. 83



FIG. 78

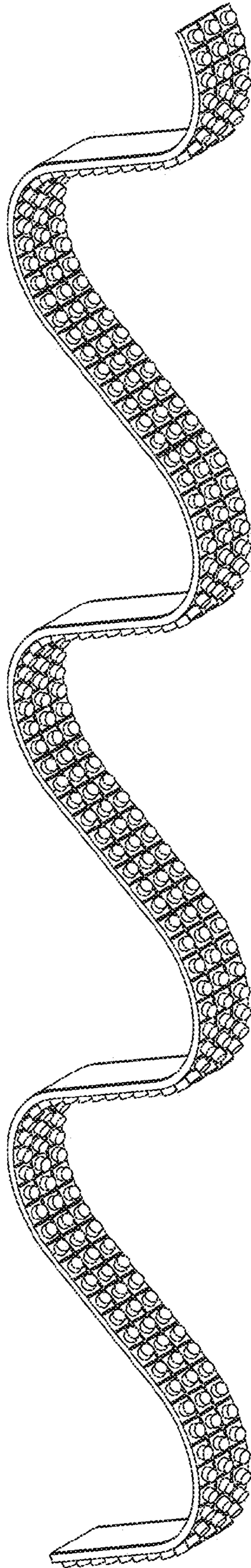
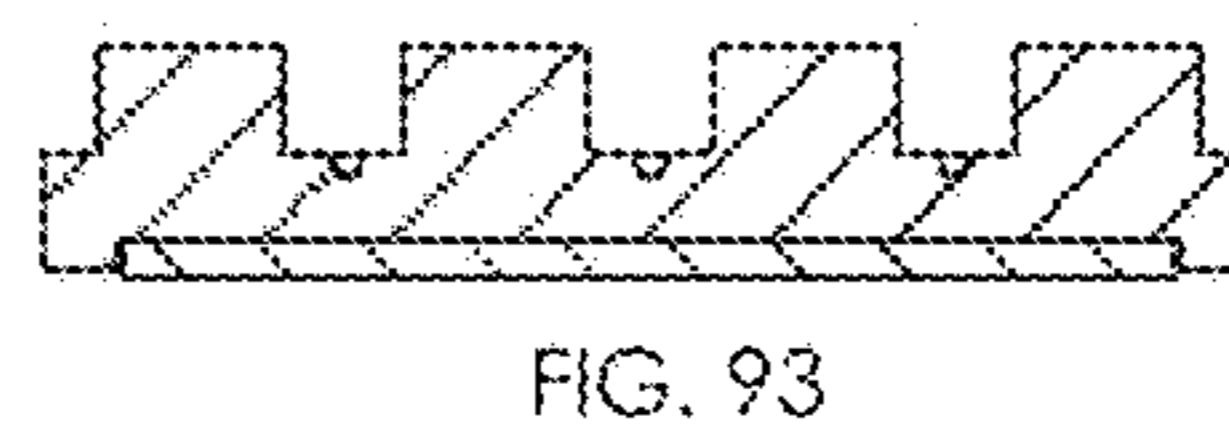
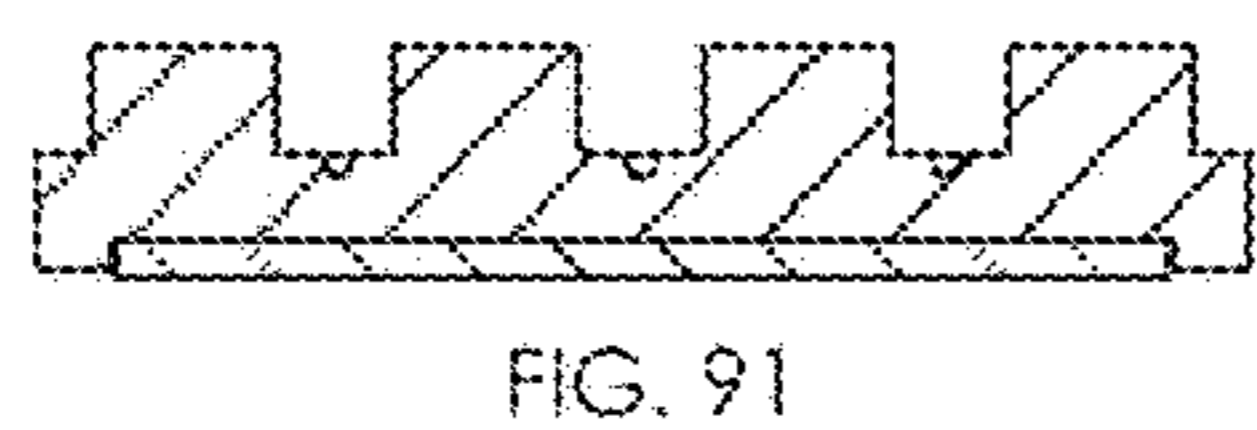
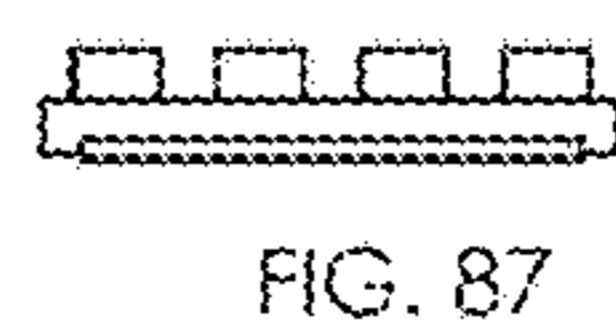
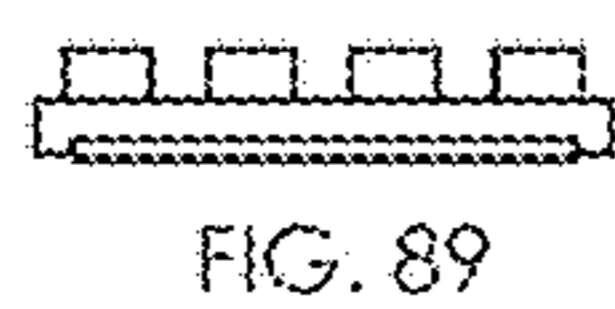
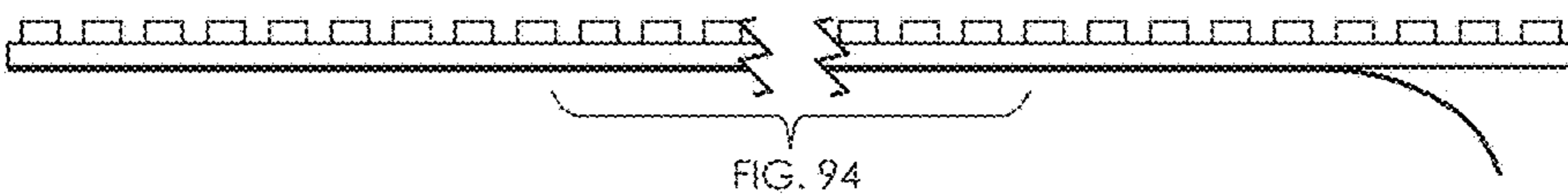
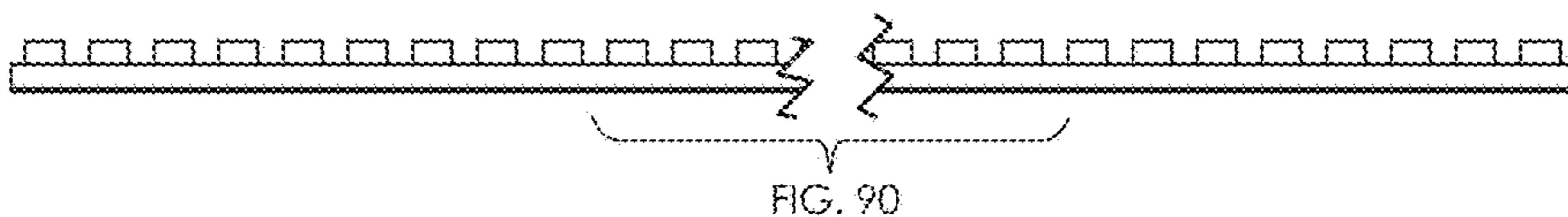
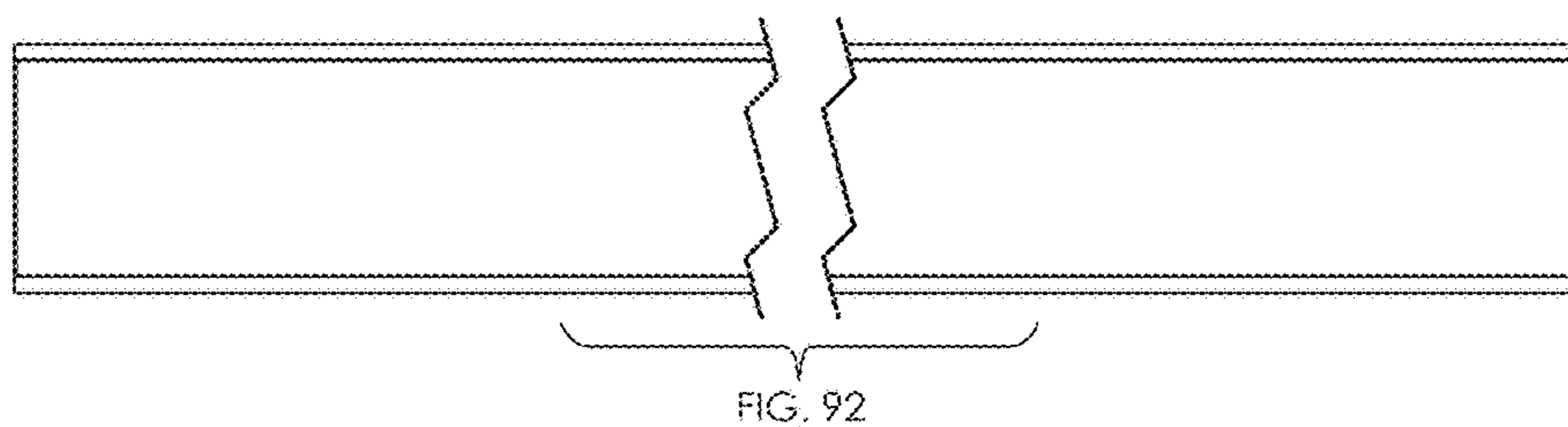
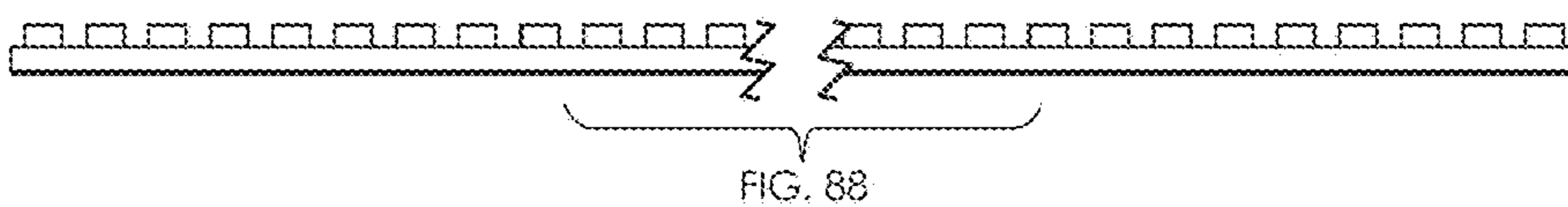
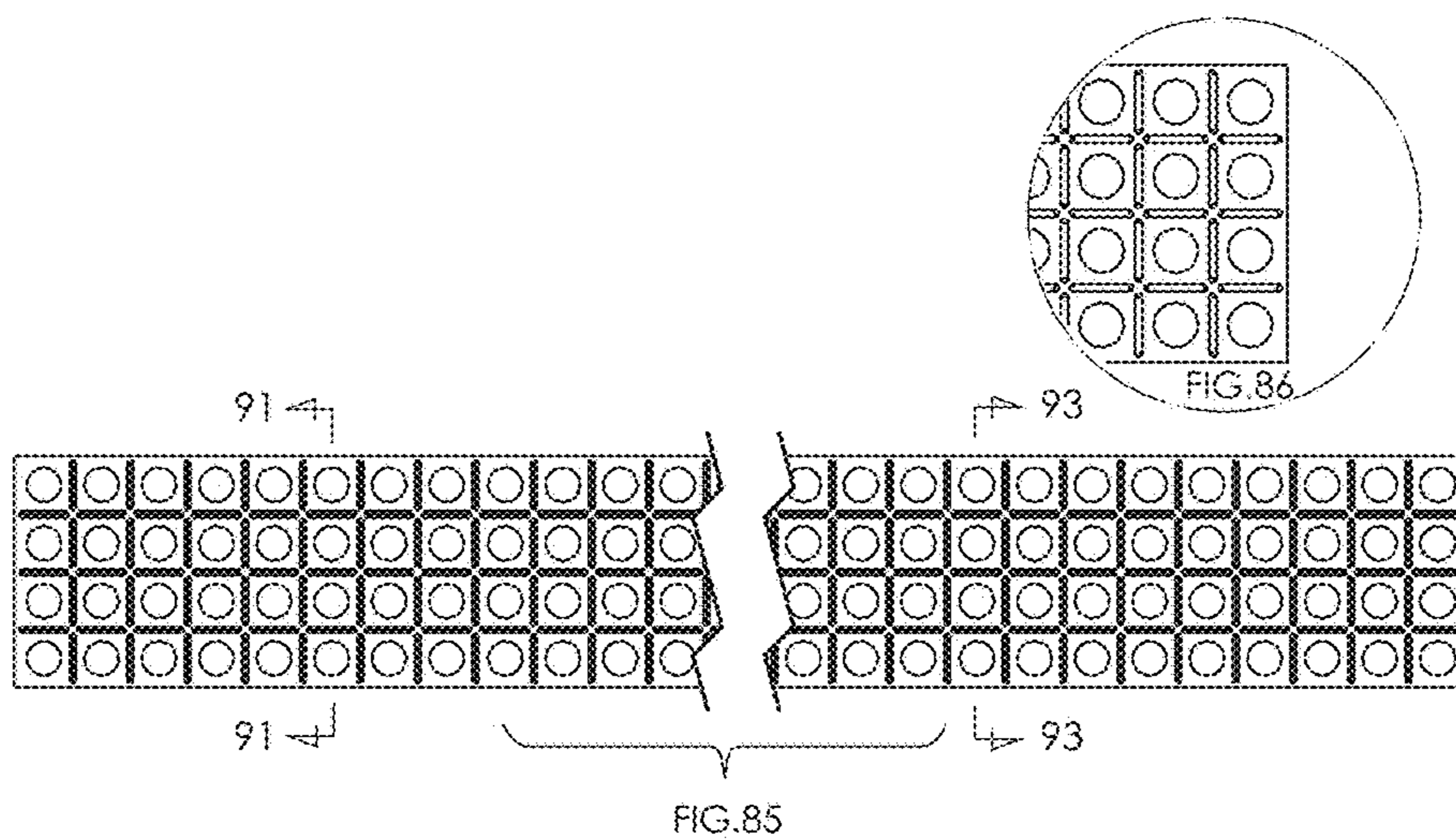
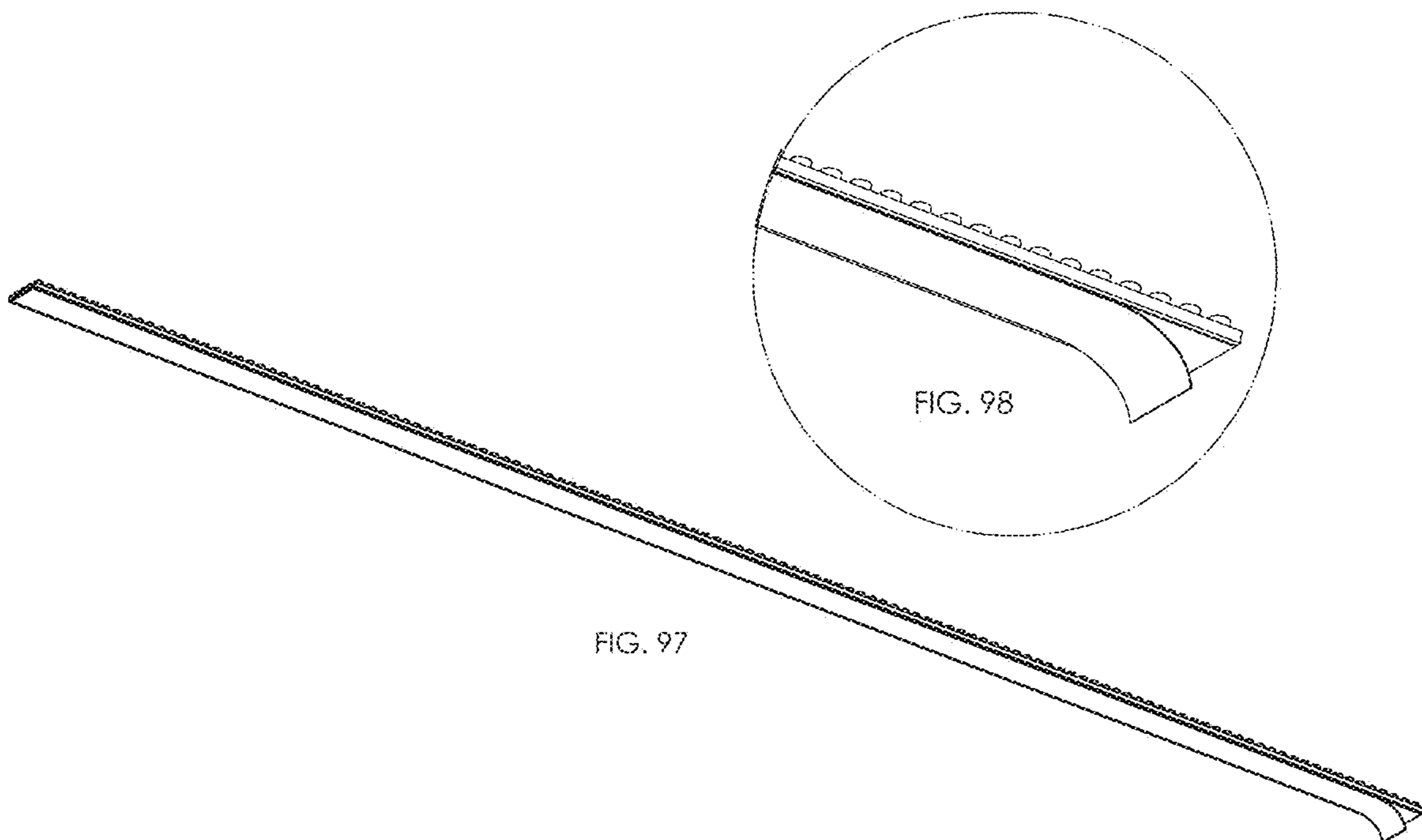
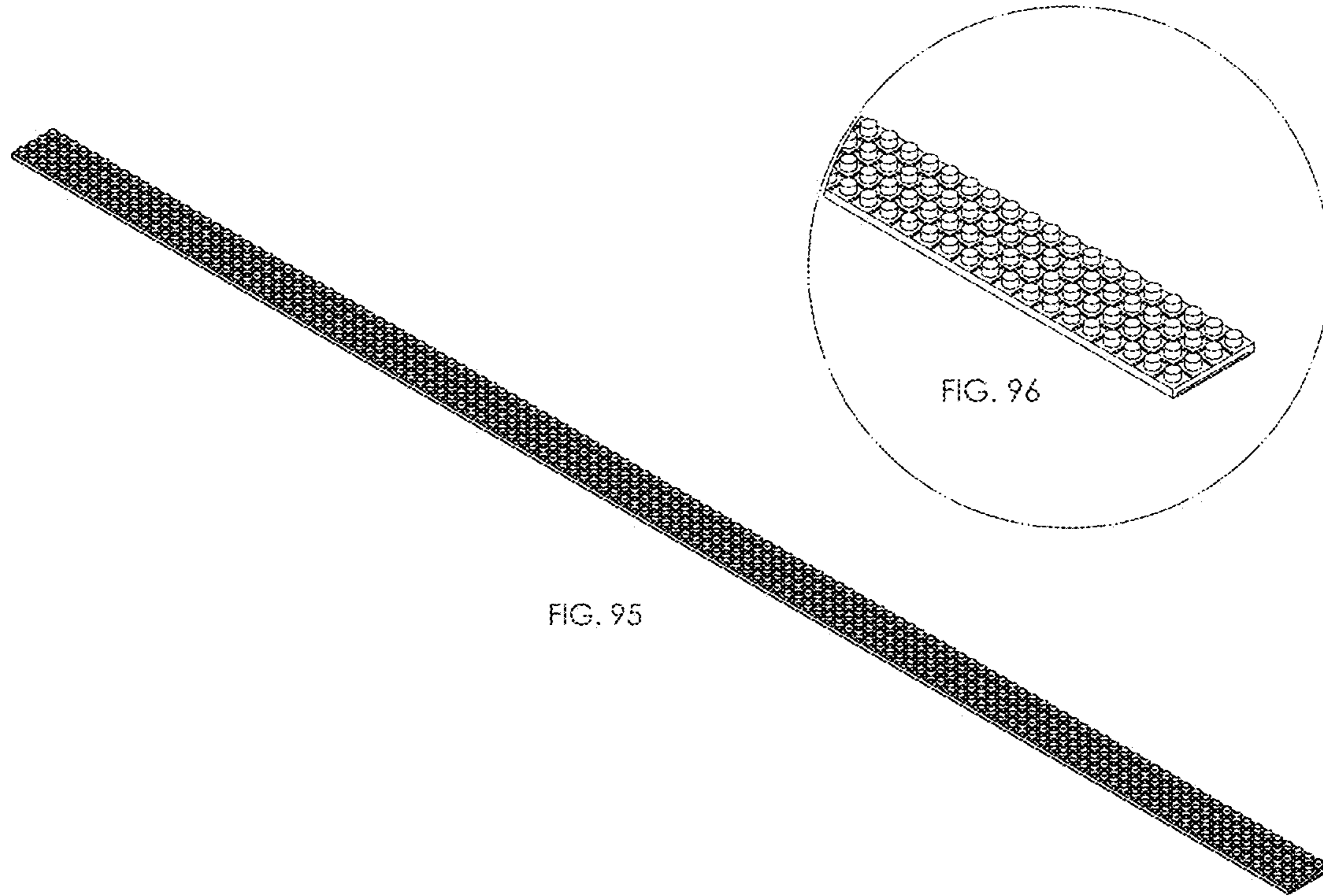


FIG. 84





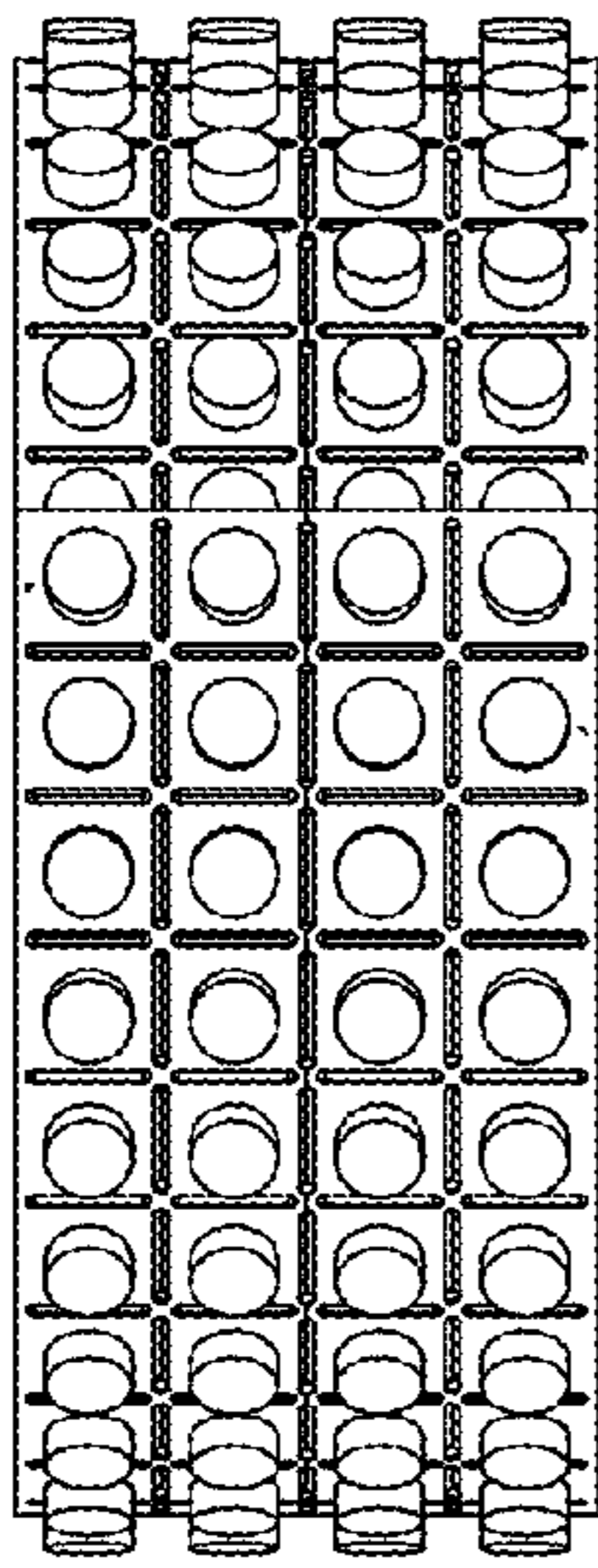


FIG. 100

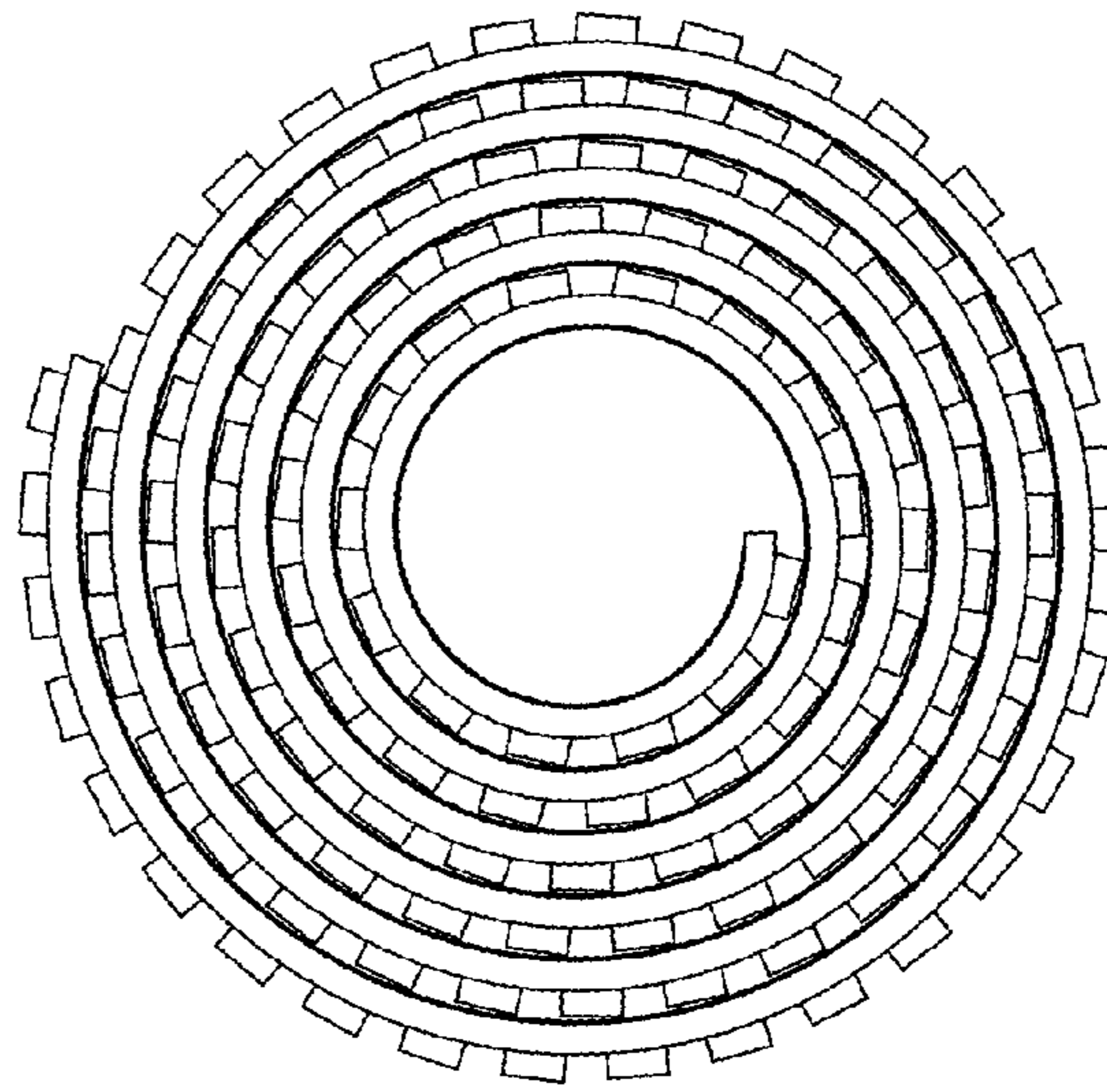


FIG. 101

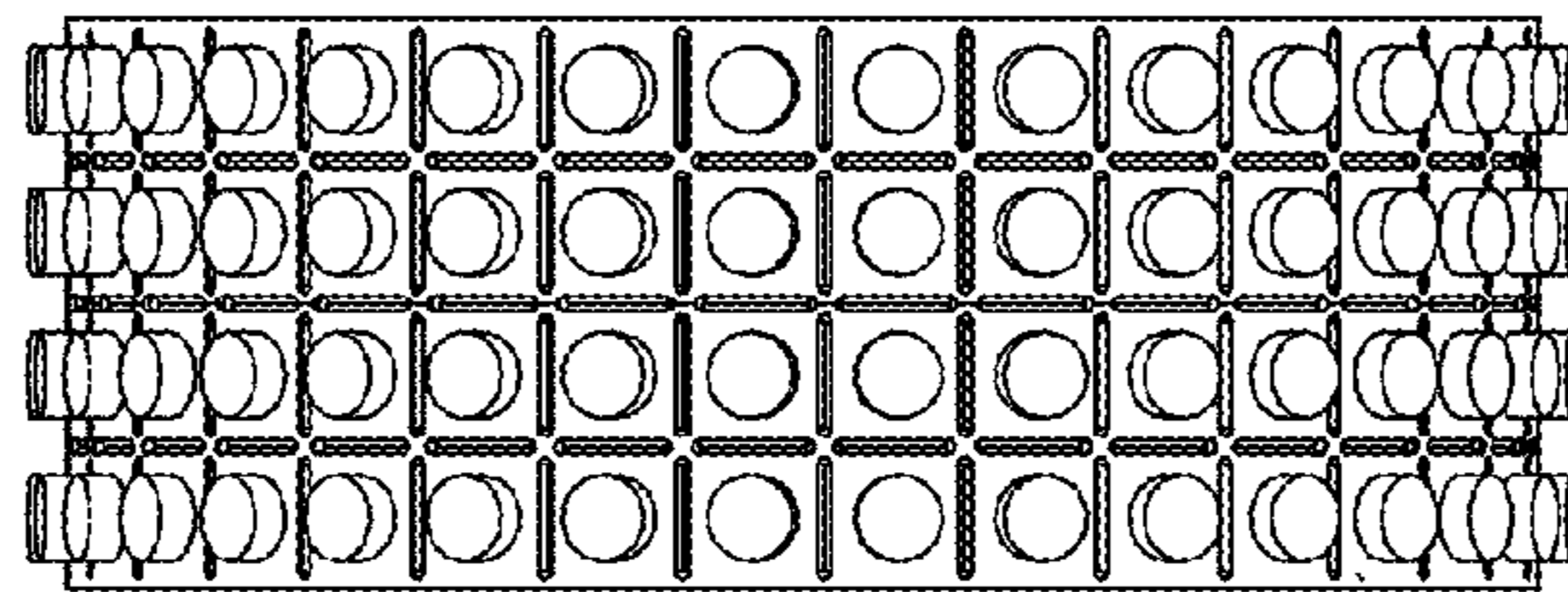


FIG. 99

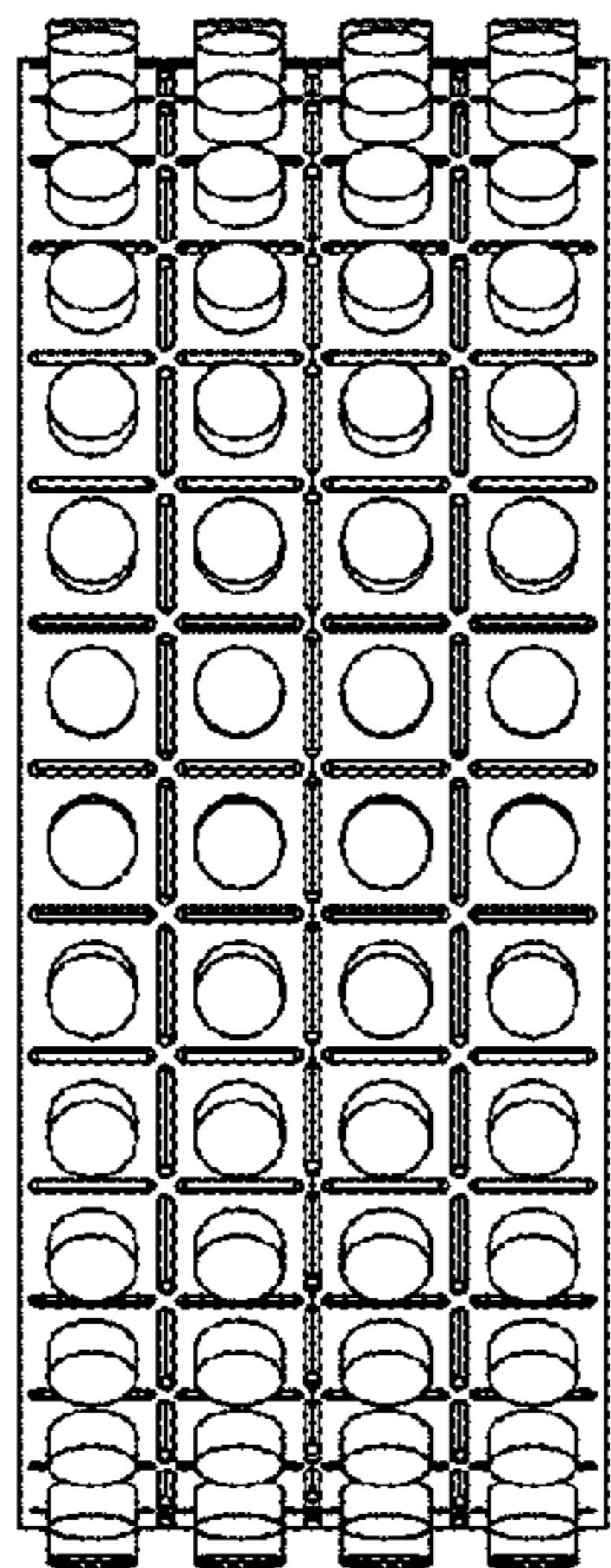


FIG. 102

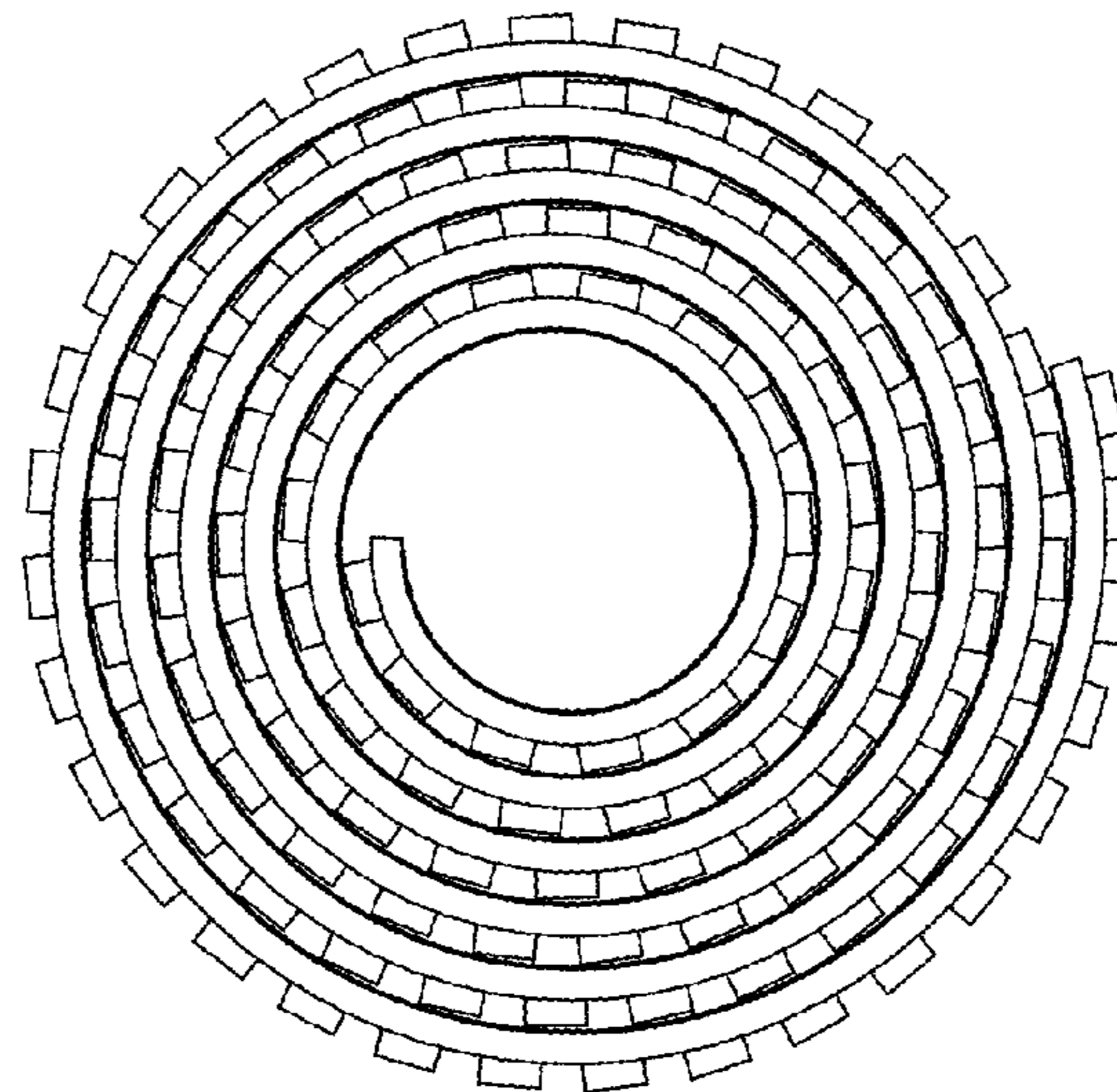


FIG. 103

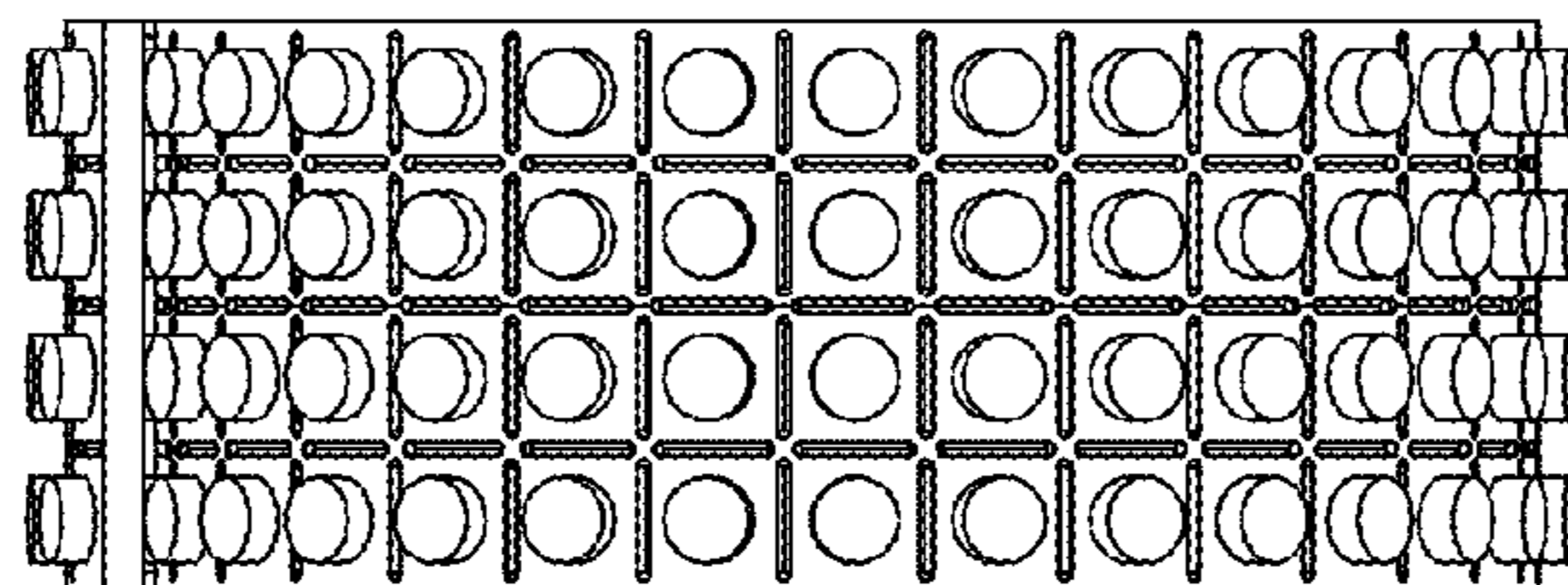


FIG. 104

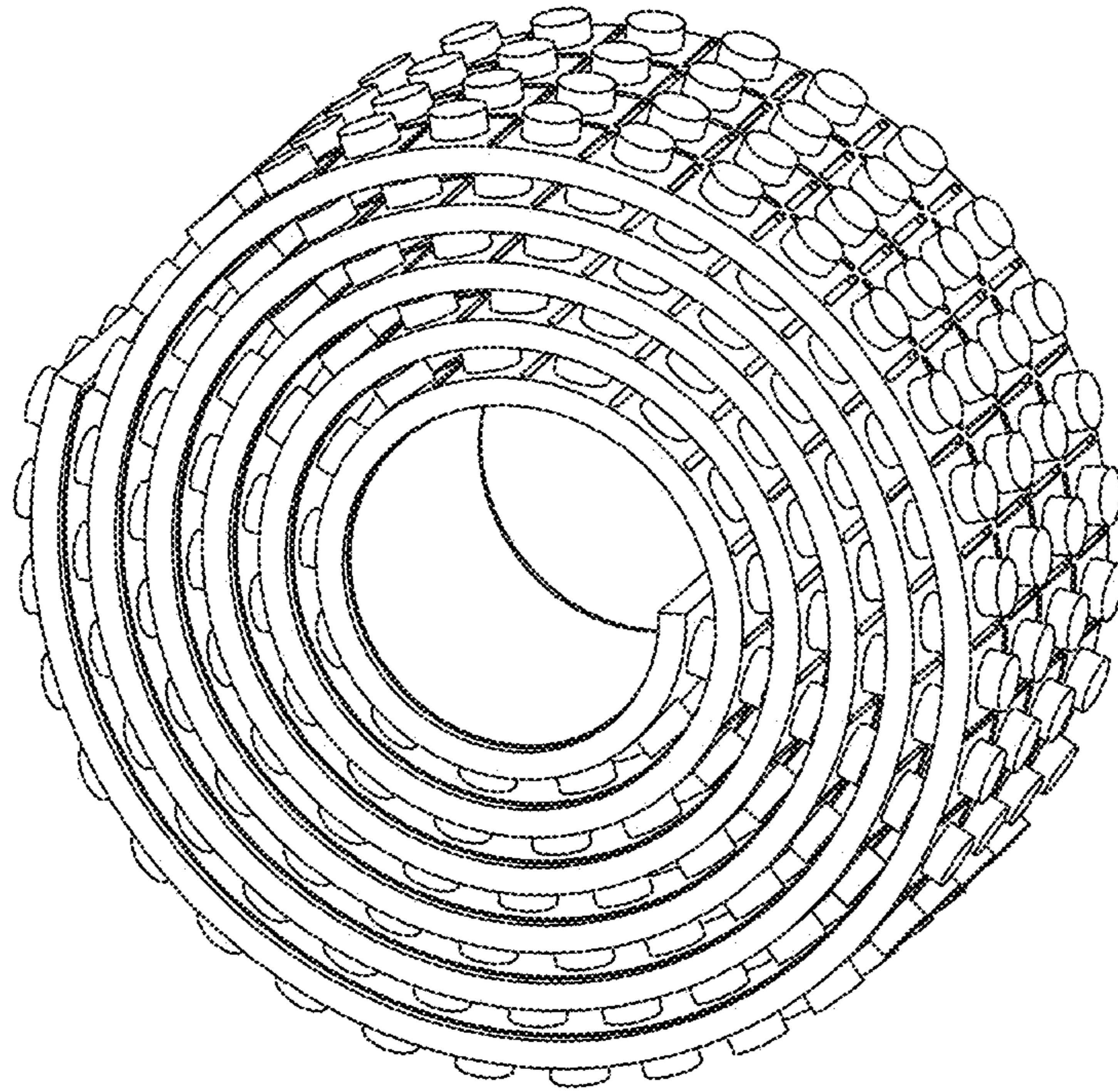


FIG. 105

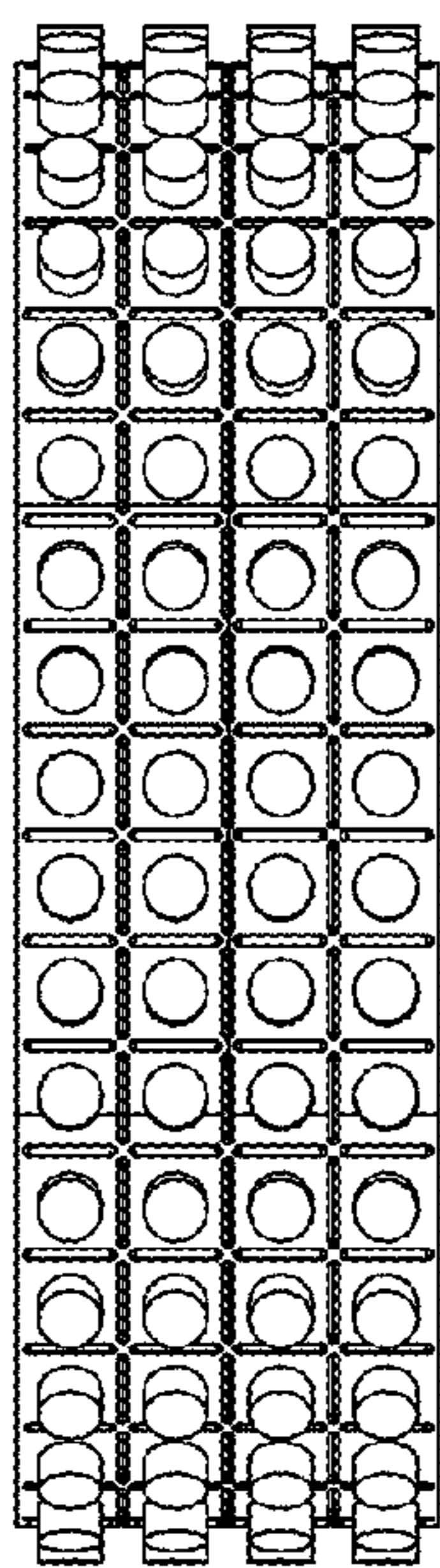


FIG. 107

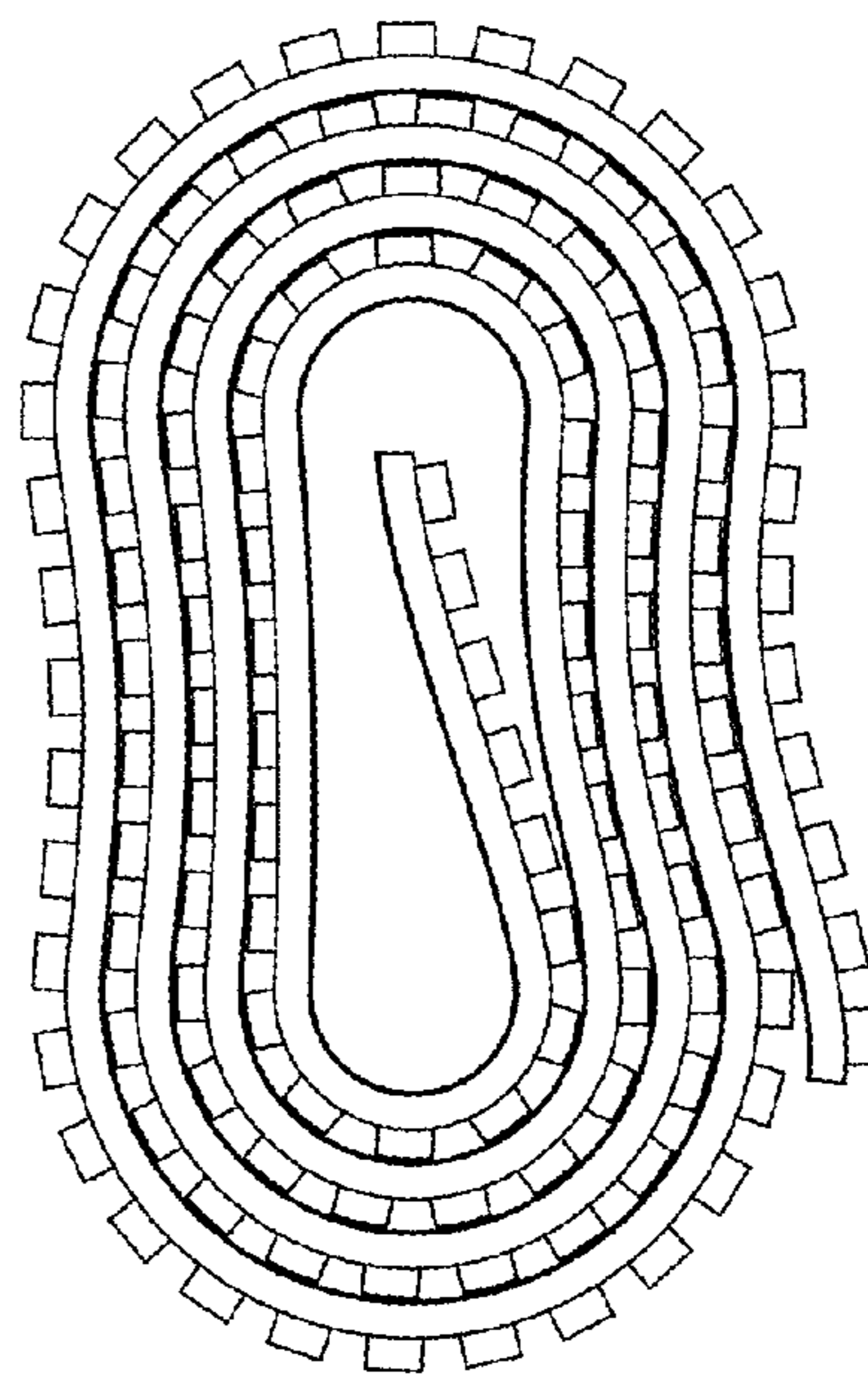


FIG. 108

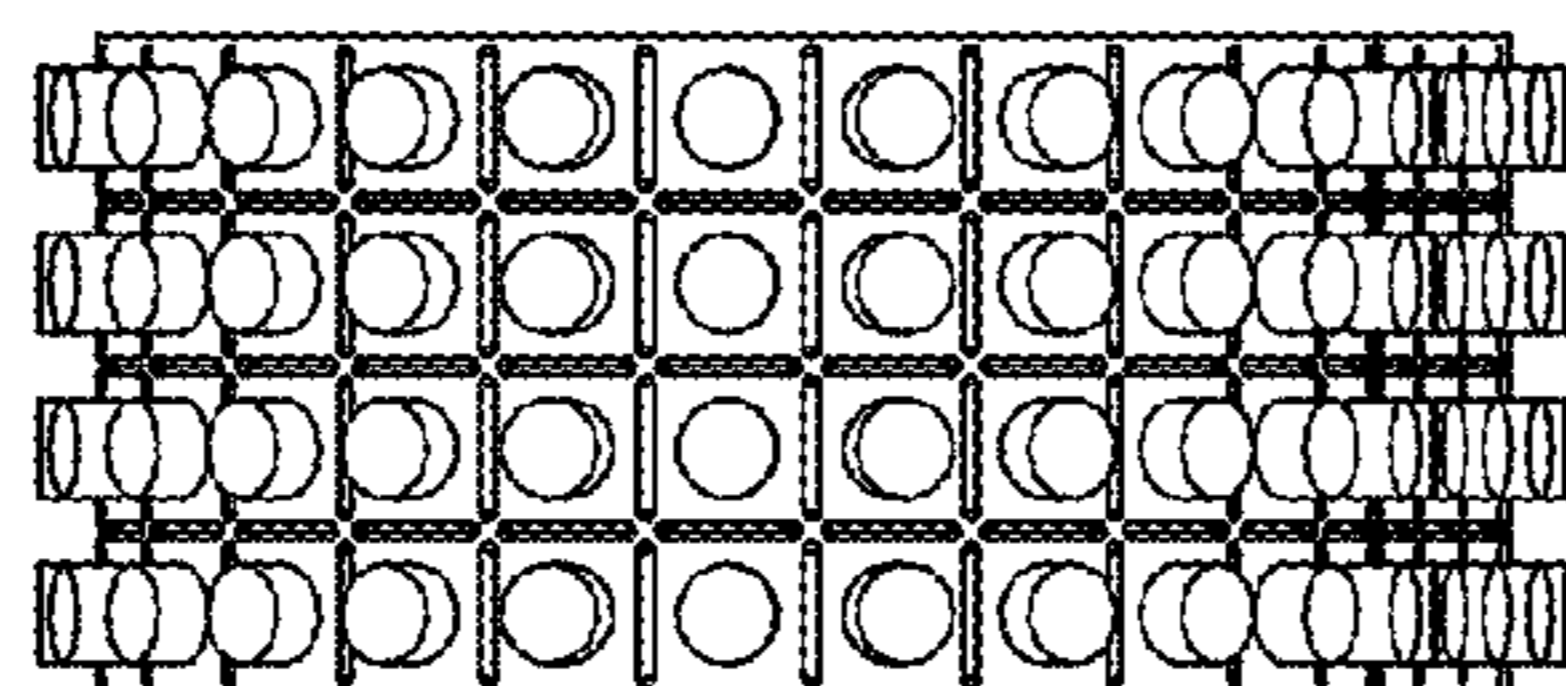


FIG. 106

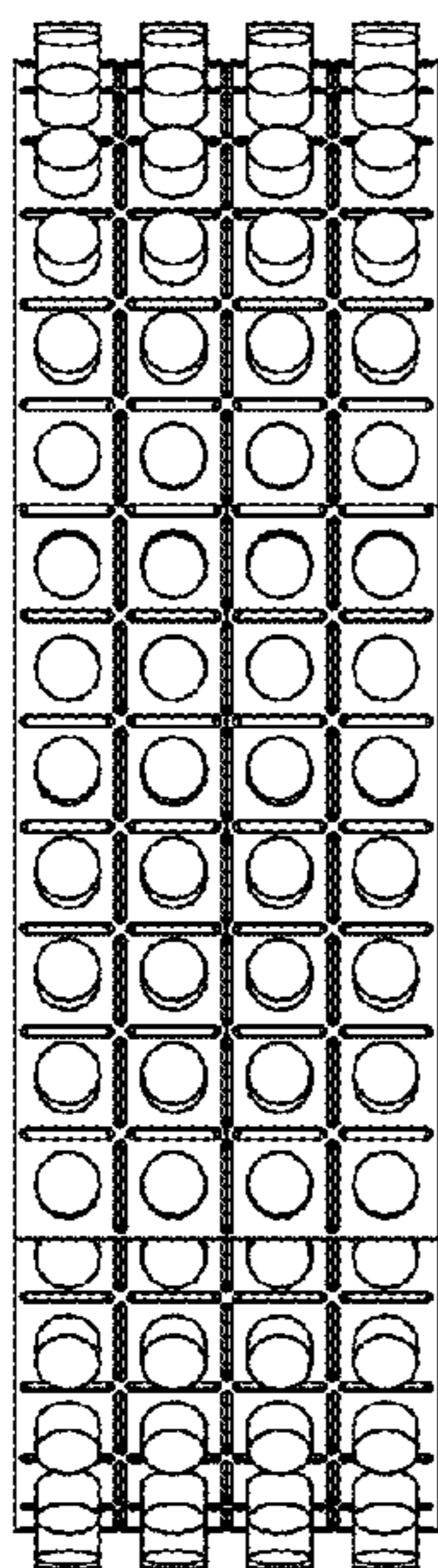


FIG. 109

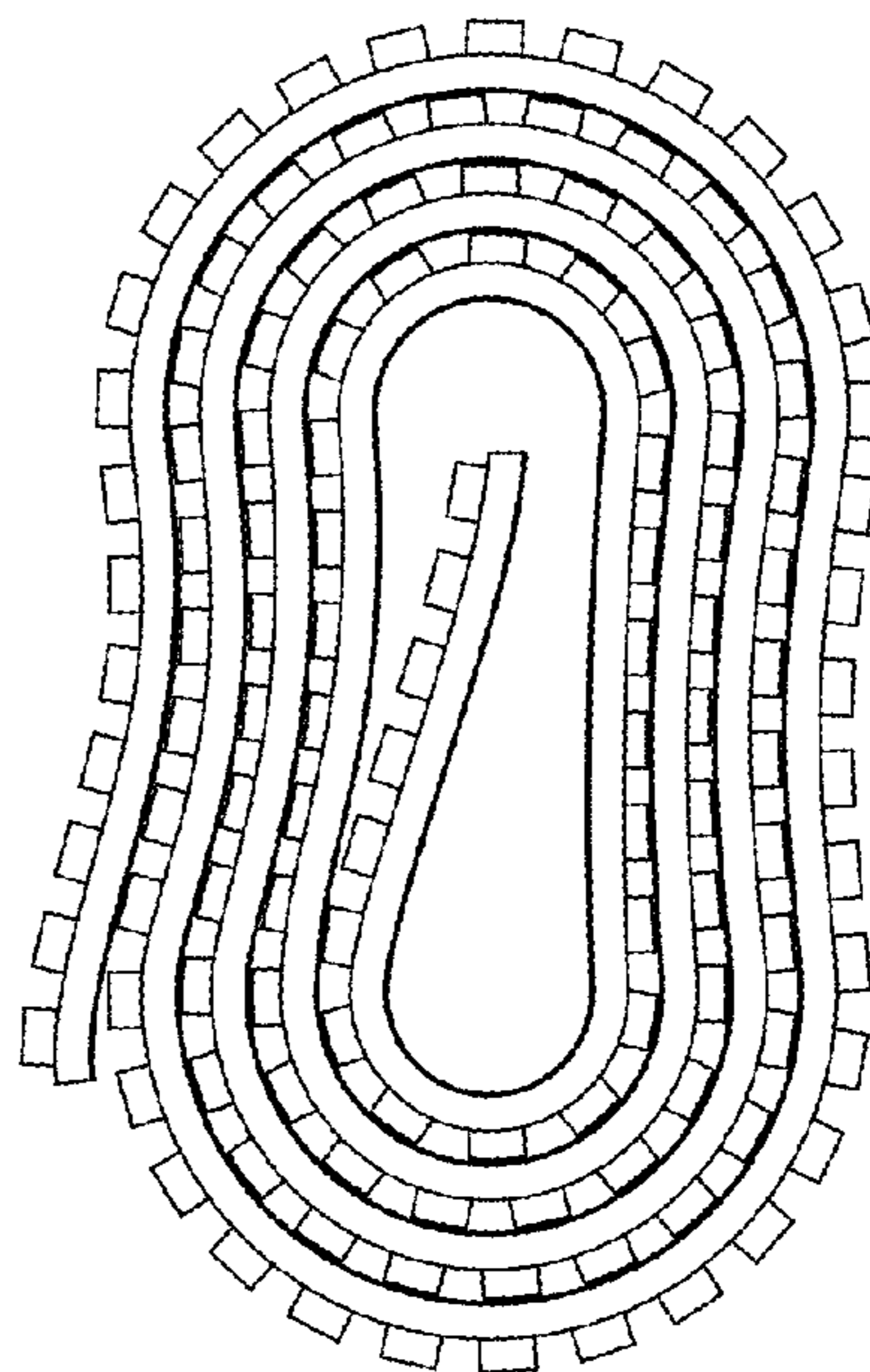


FIG. 110

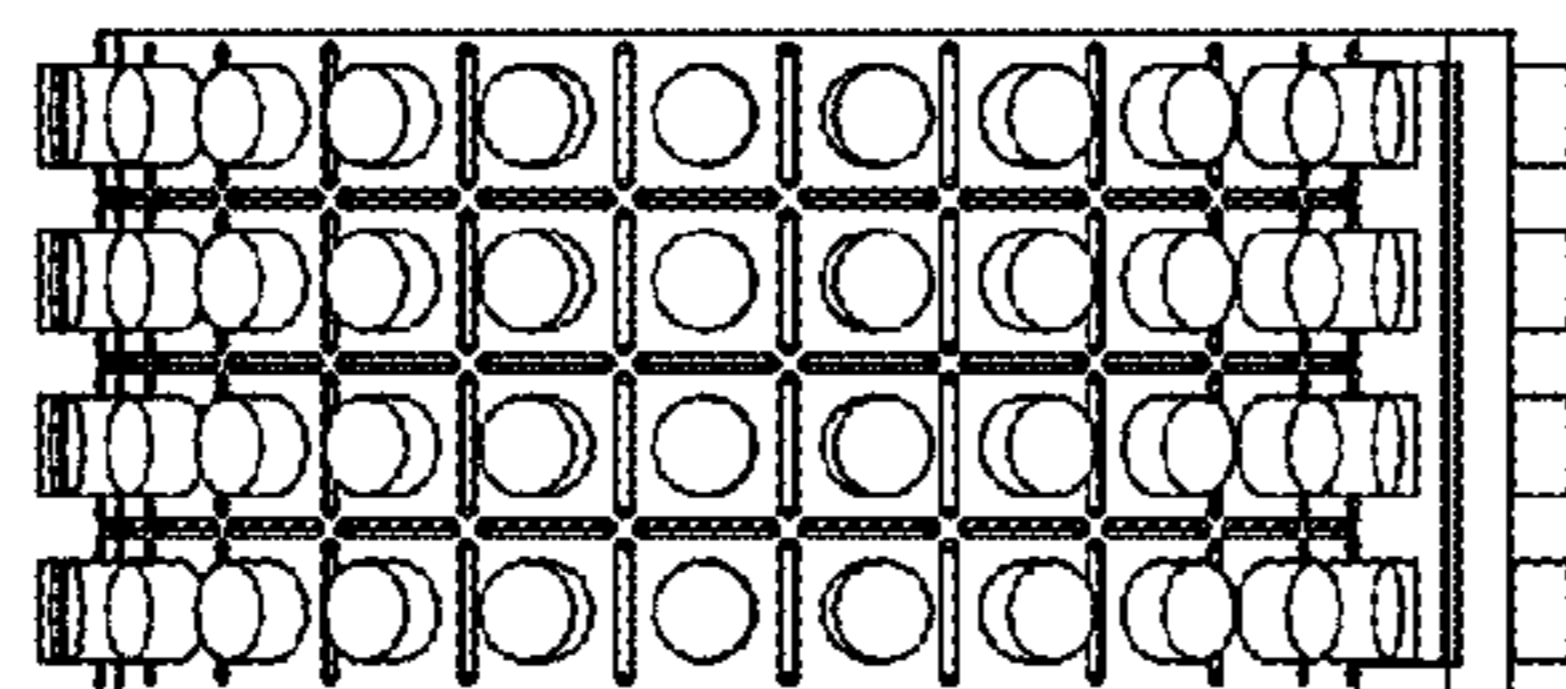


FIG. 111

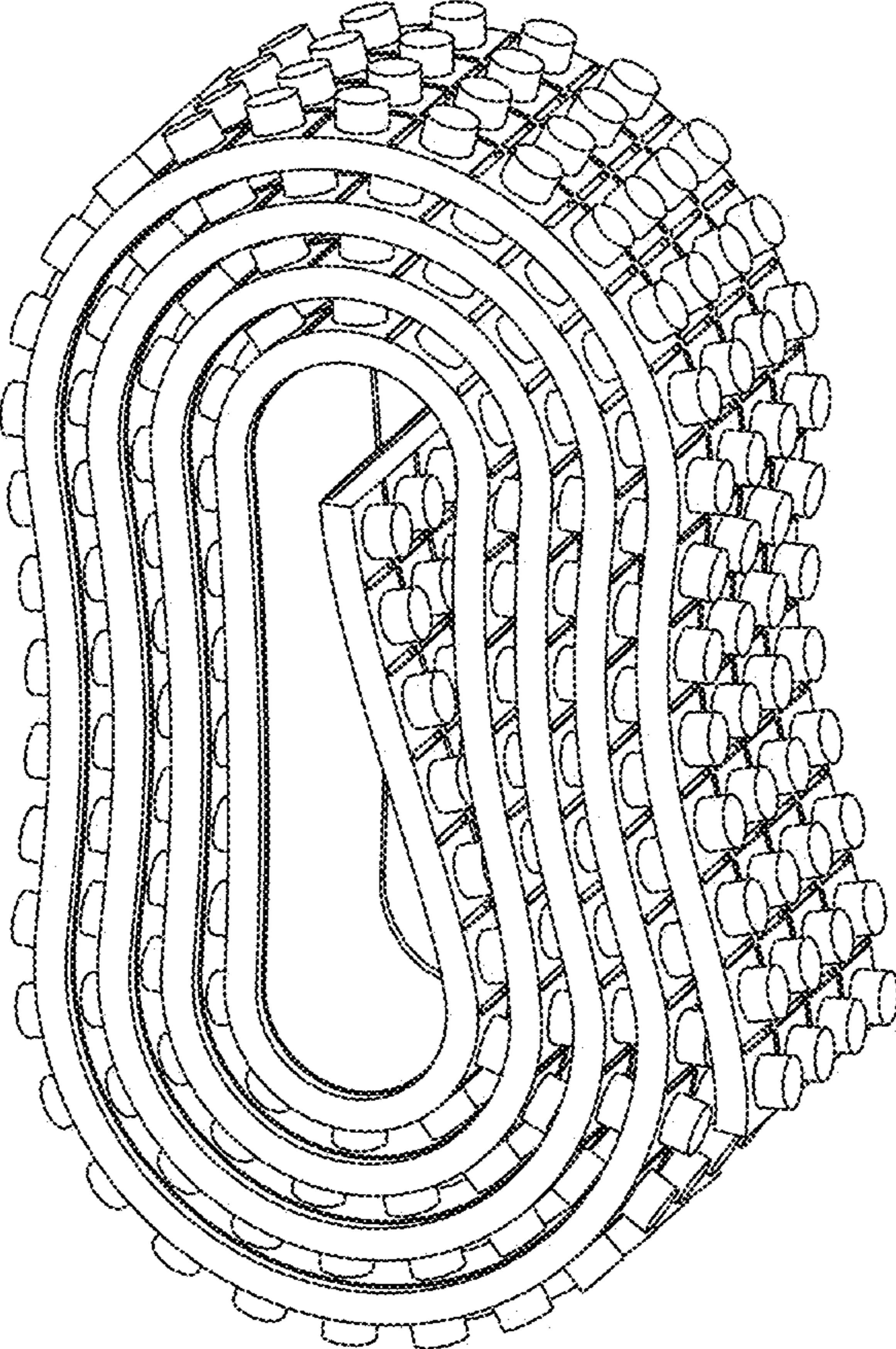


FIG. 112



FIG. 114

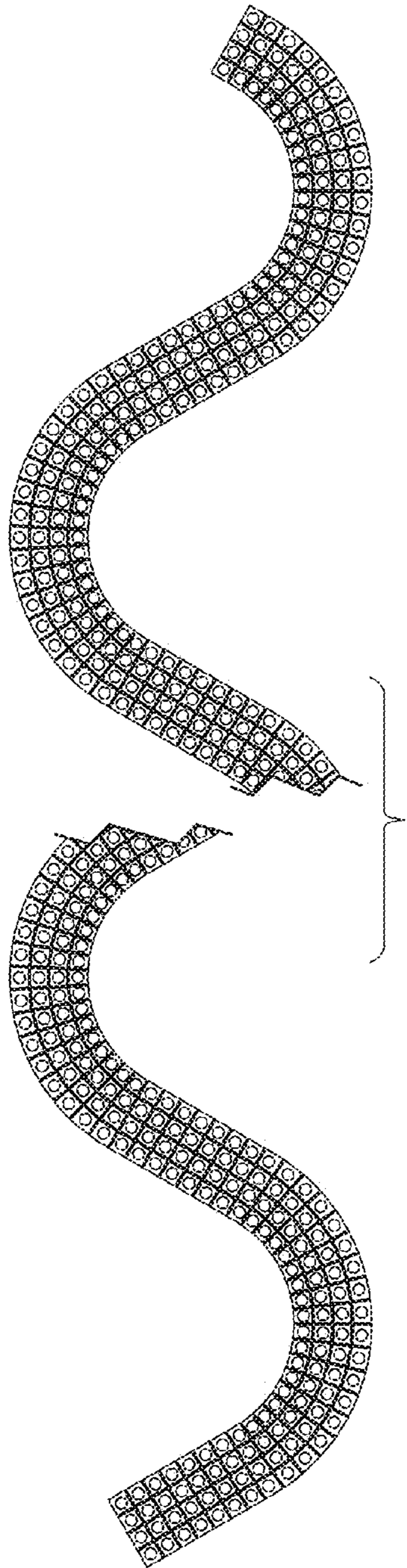


FIG. 115



FIG. 116

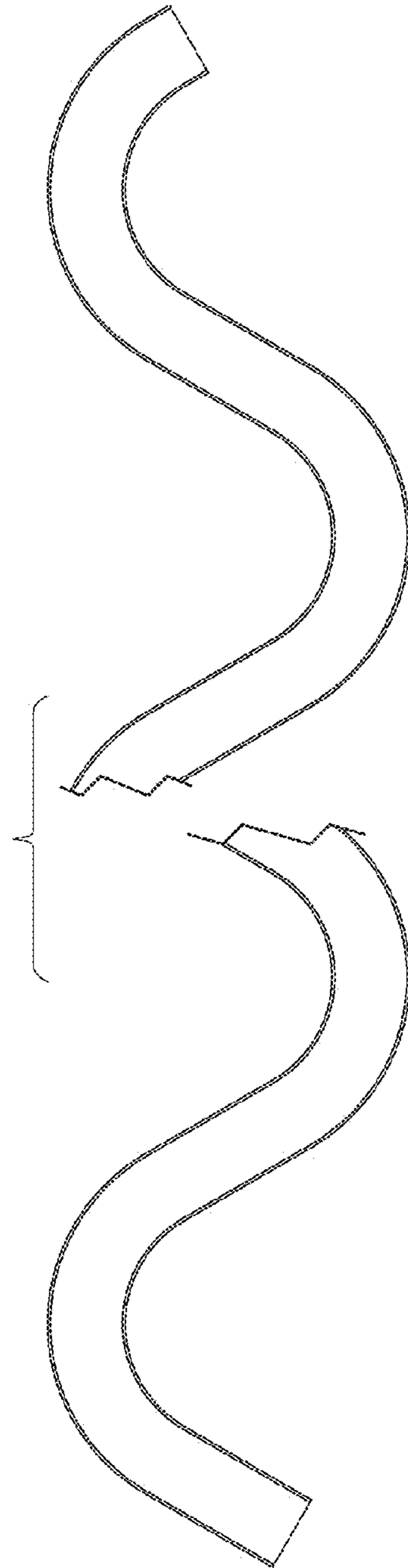


FIG. 117

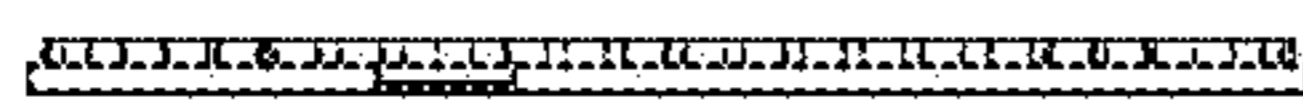


FIG. 118

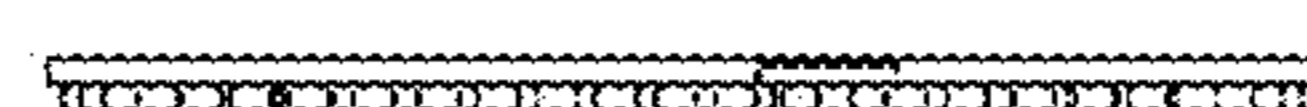


FIG. 113

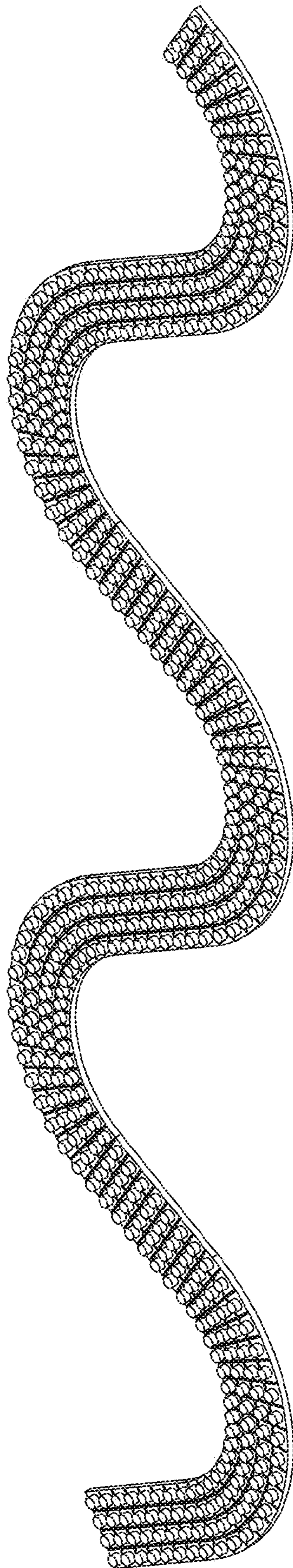


FIG. 119

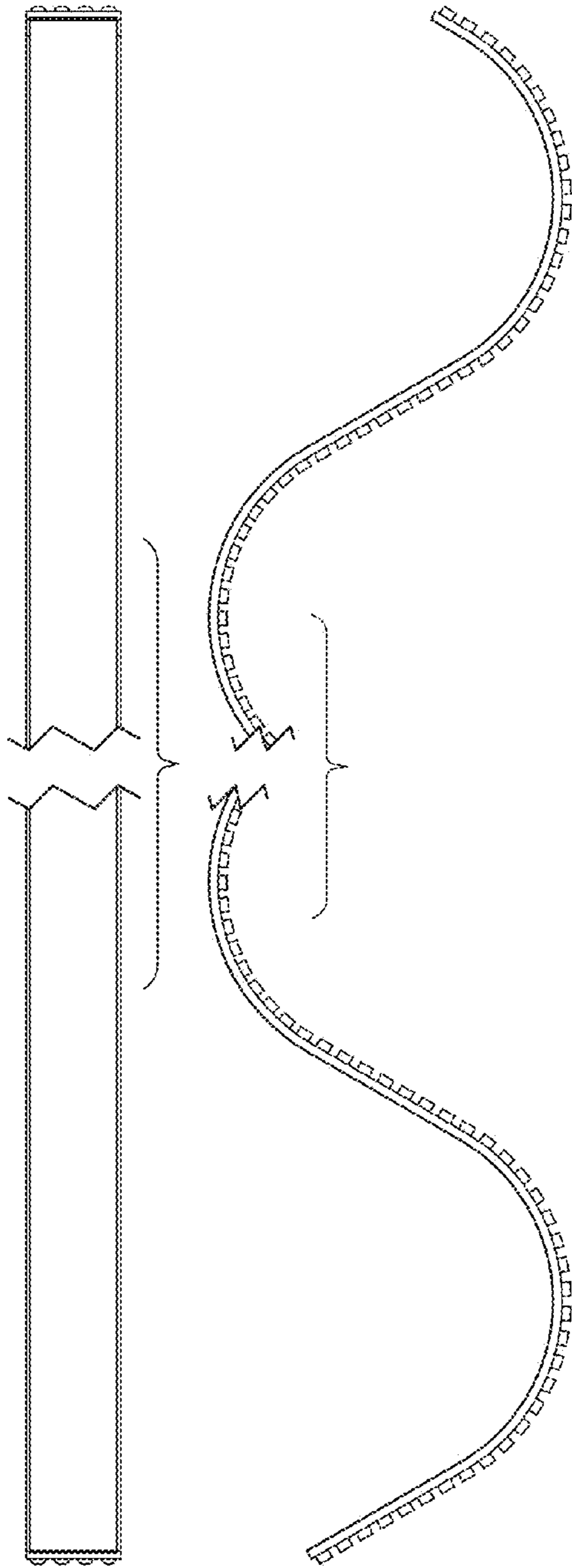


FIG. 121

FIG. 122

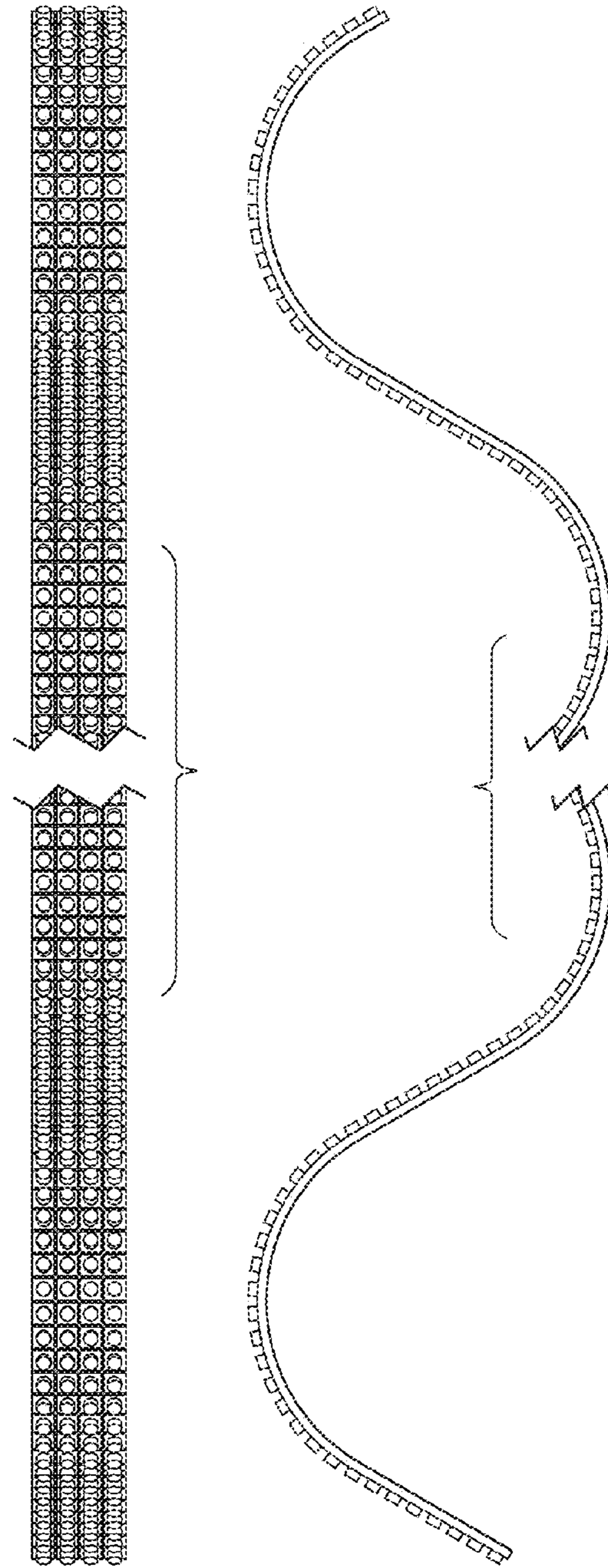


FIG. 123

FIG. 124



FIG. 125



FIG. 120

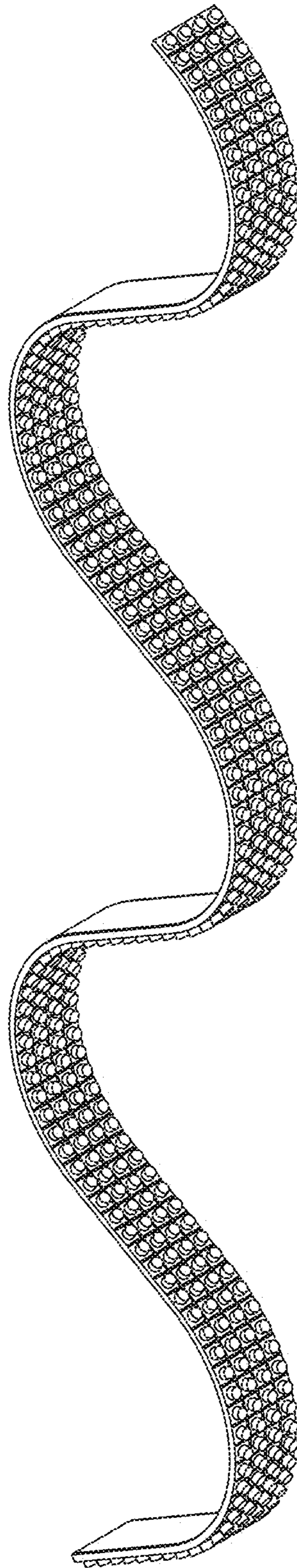
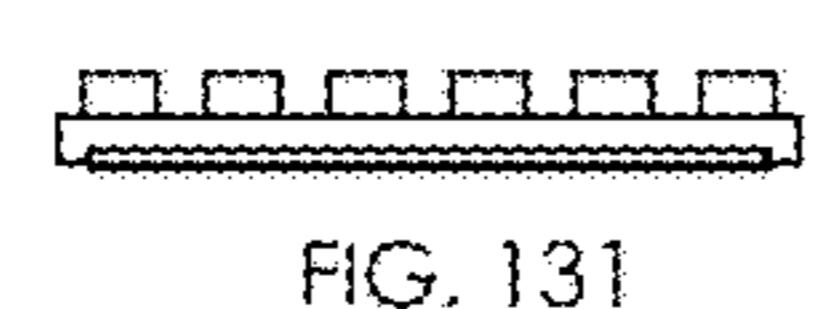
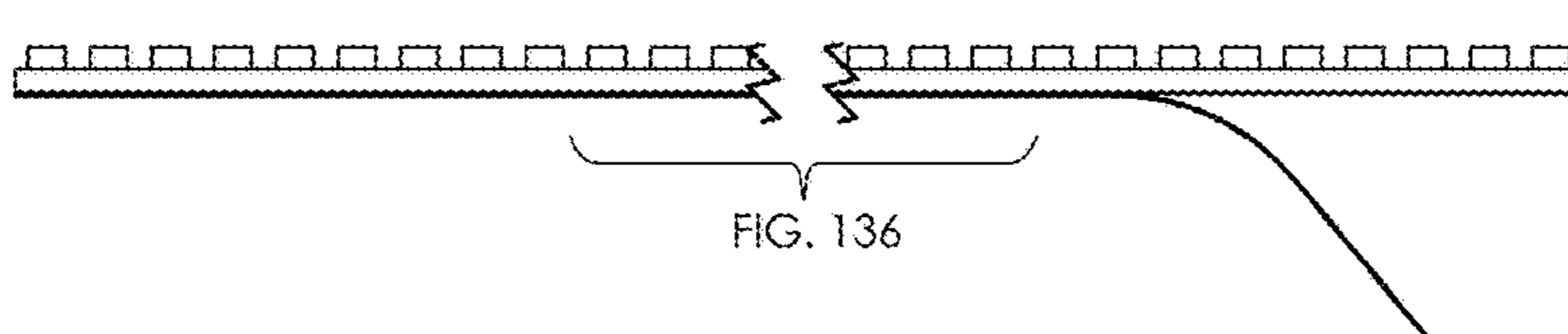
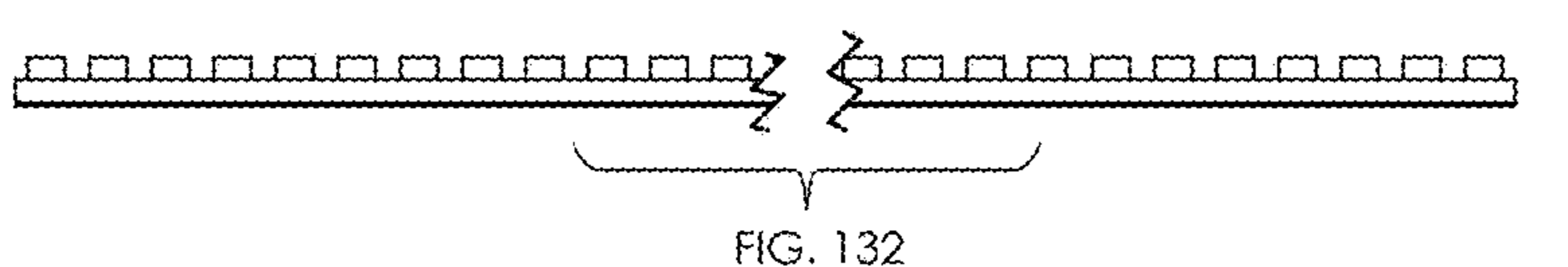
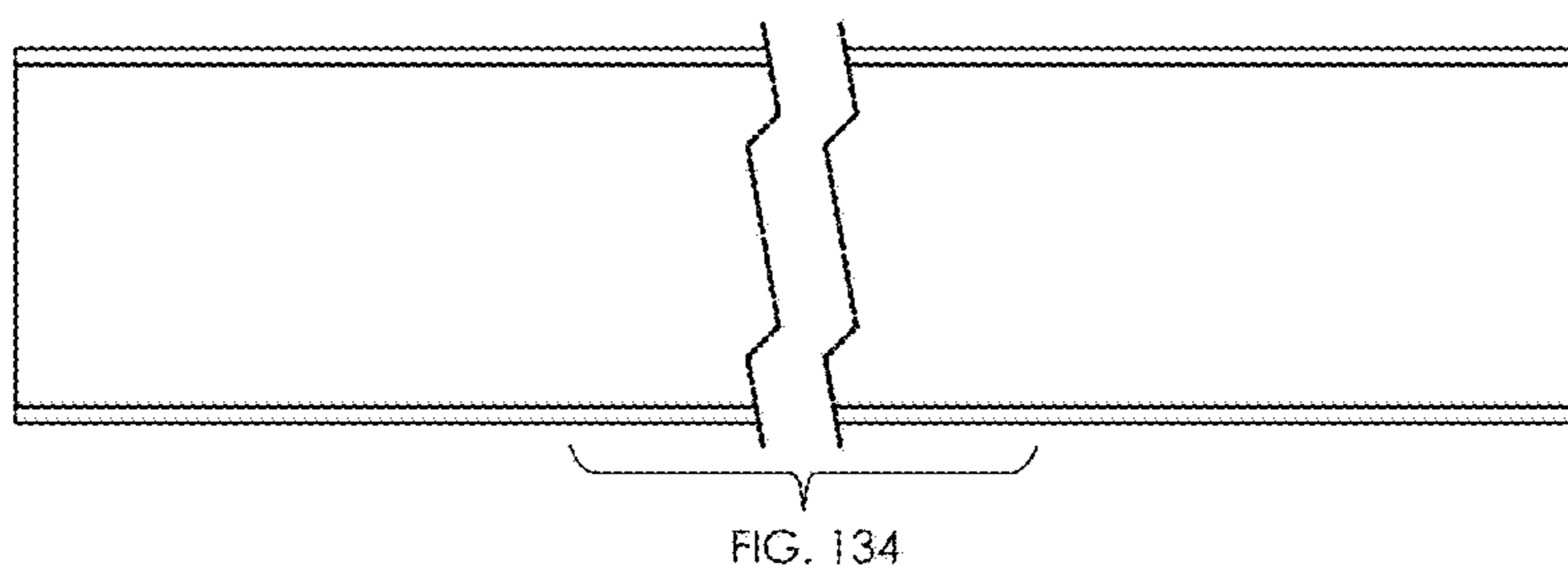
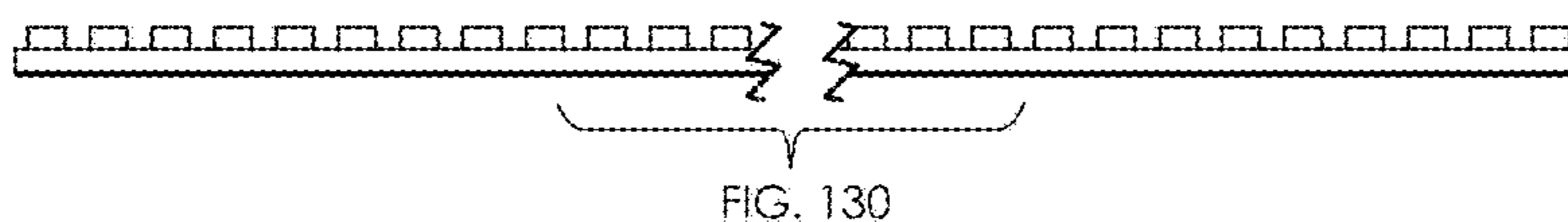
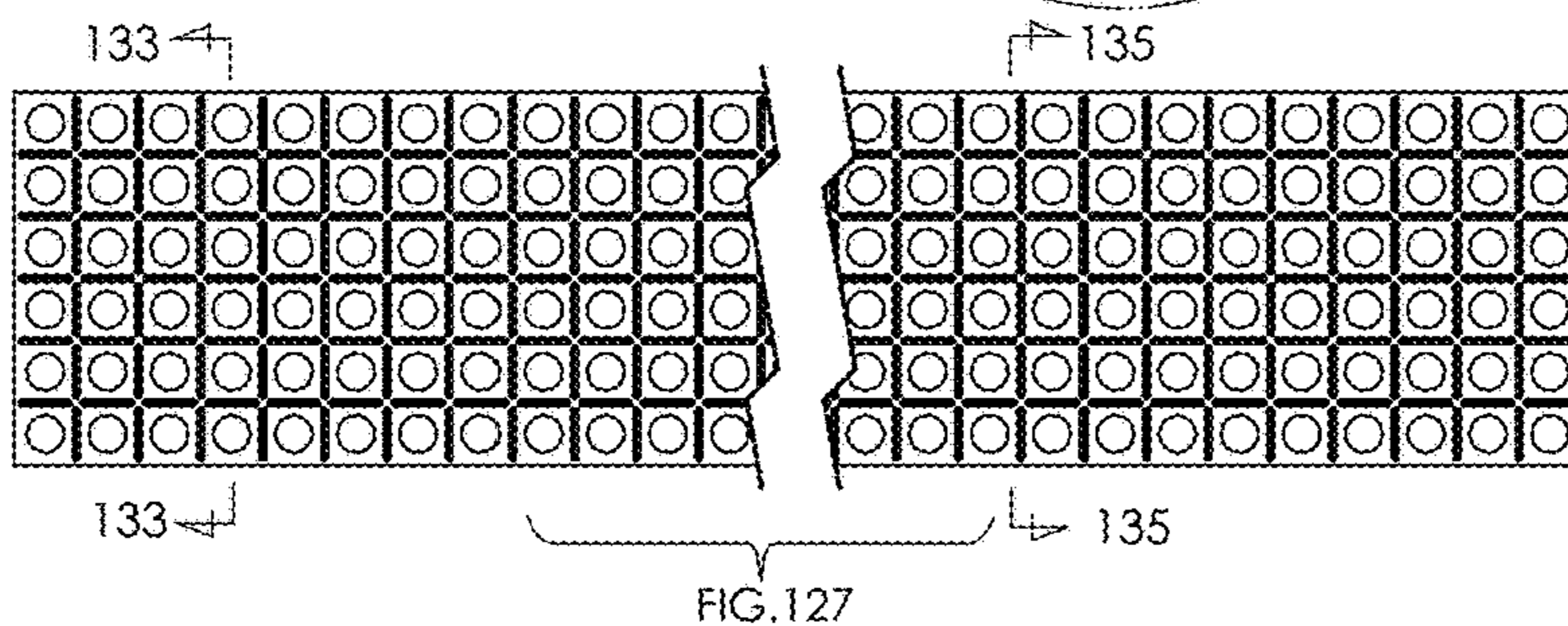
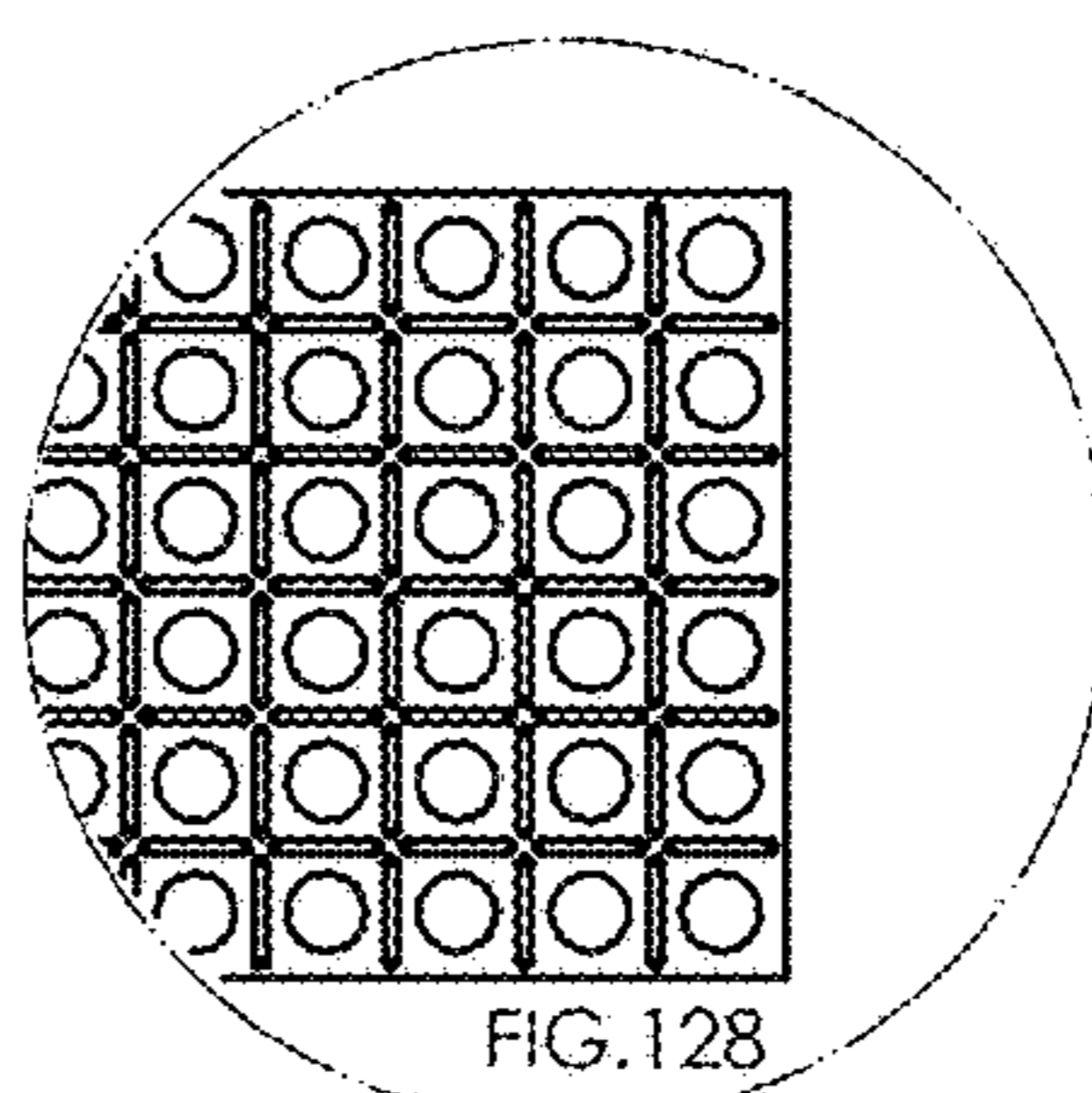
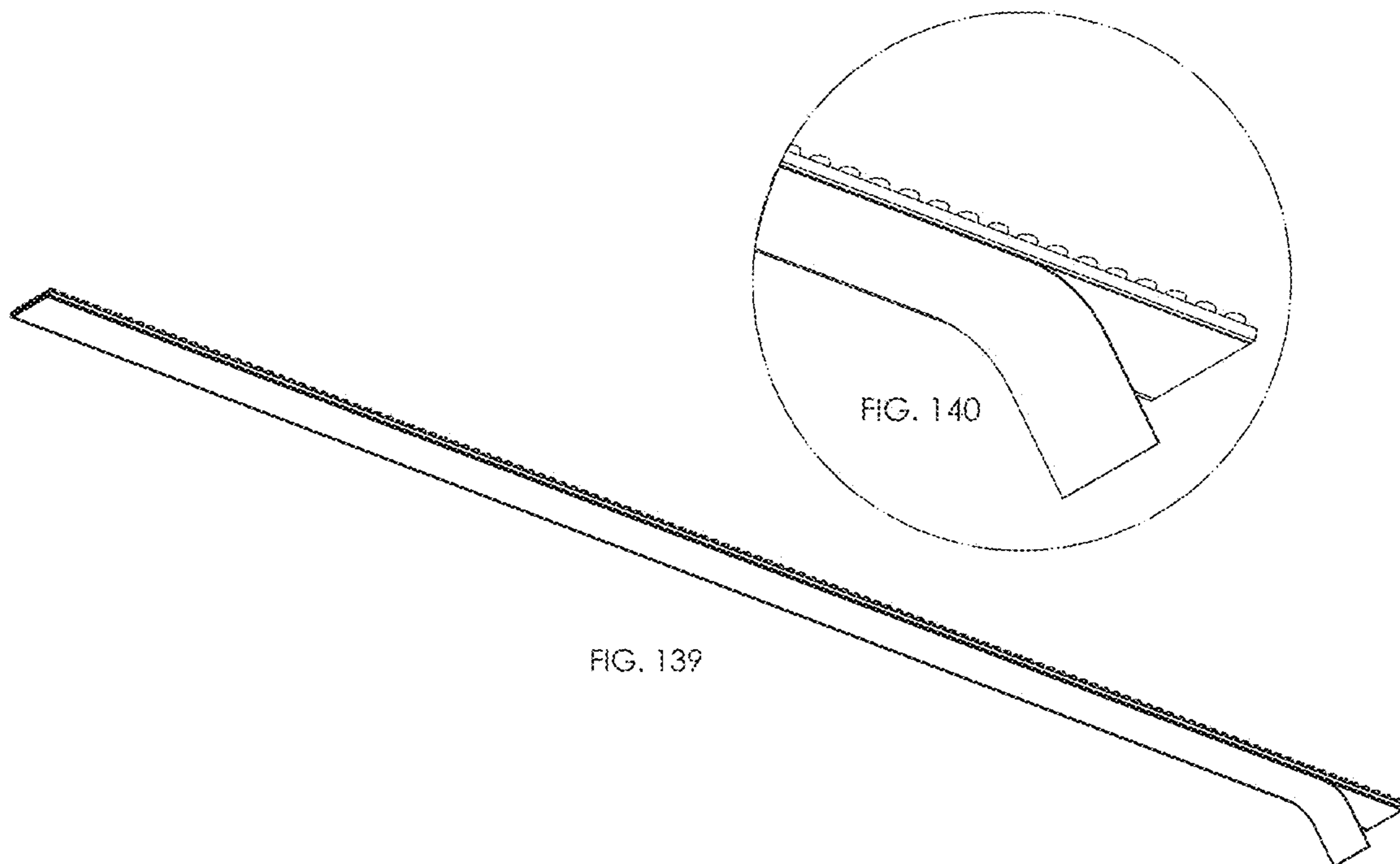
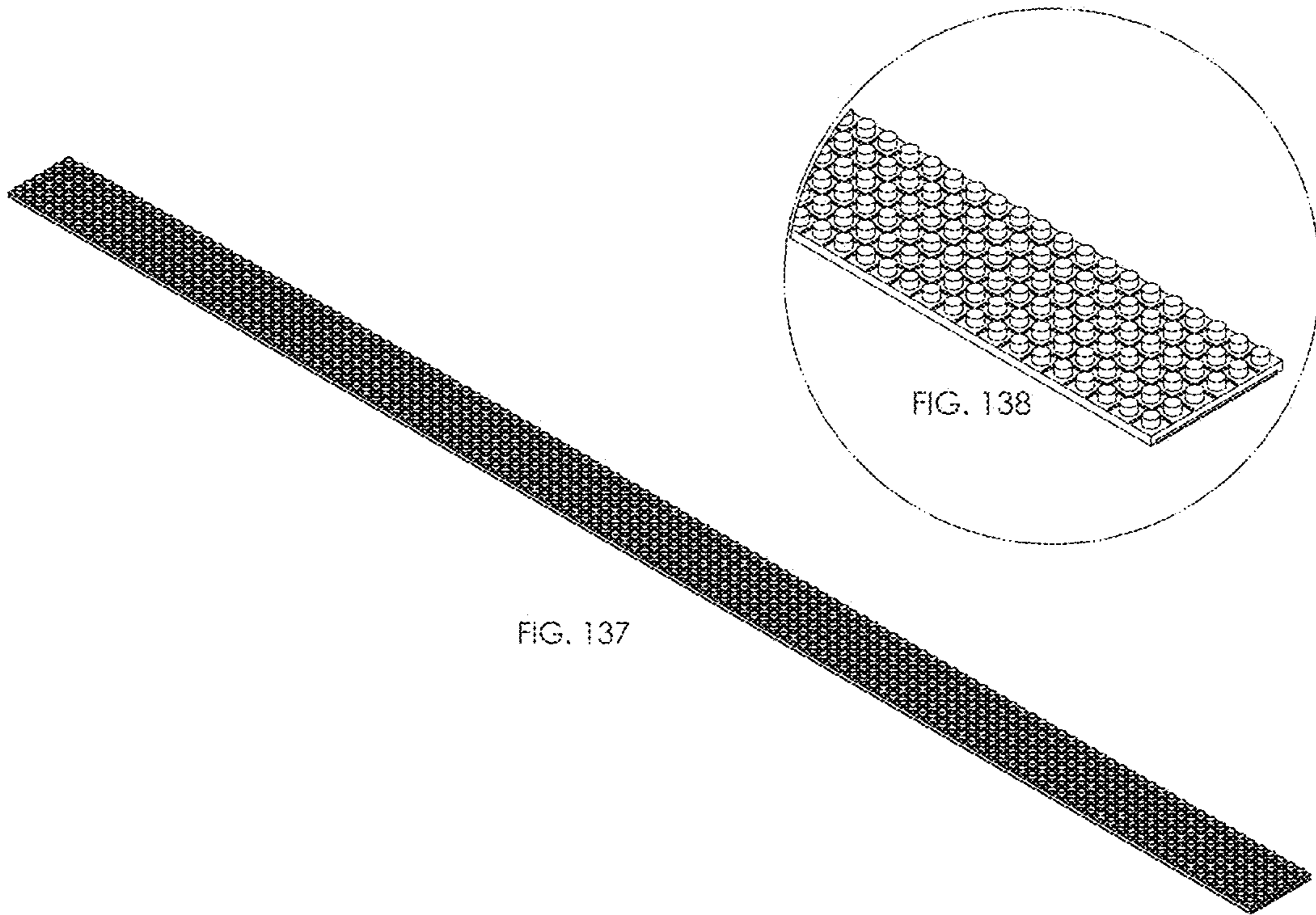


FIG. 126





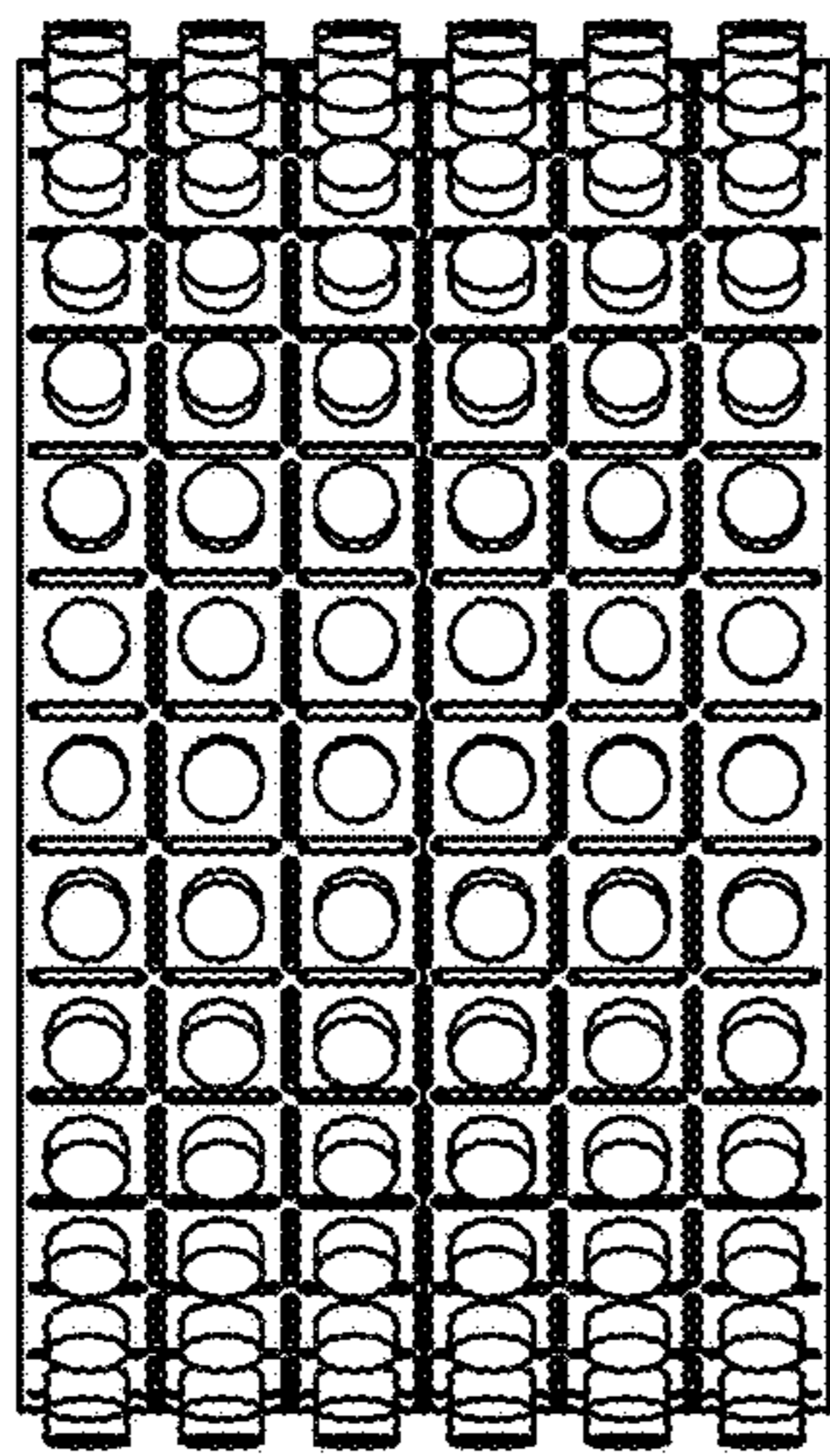


FIG. 141

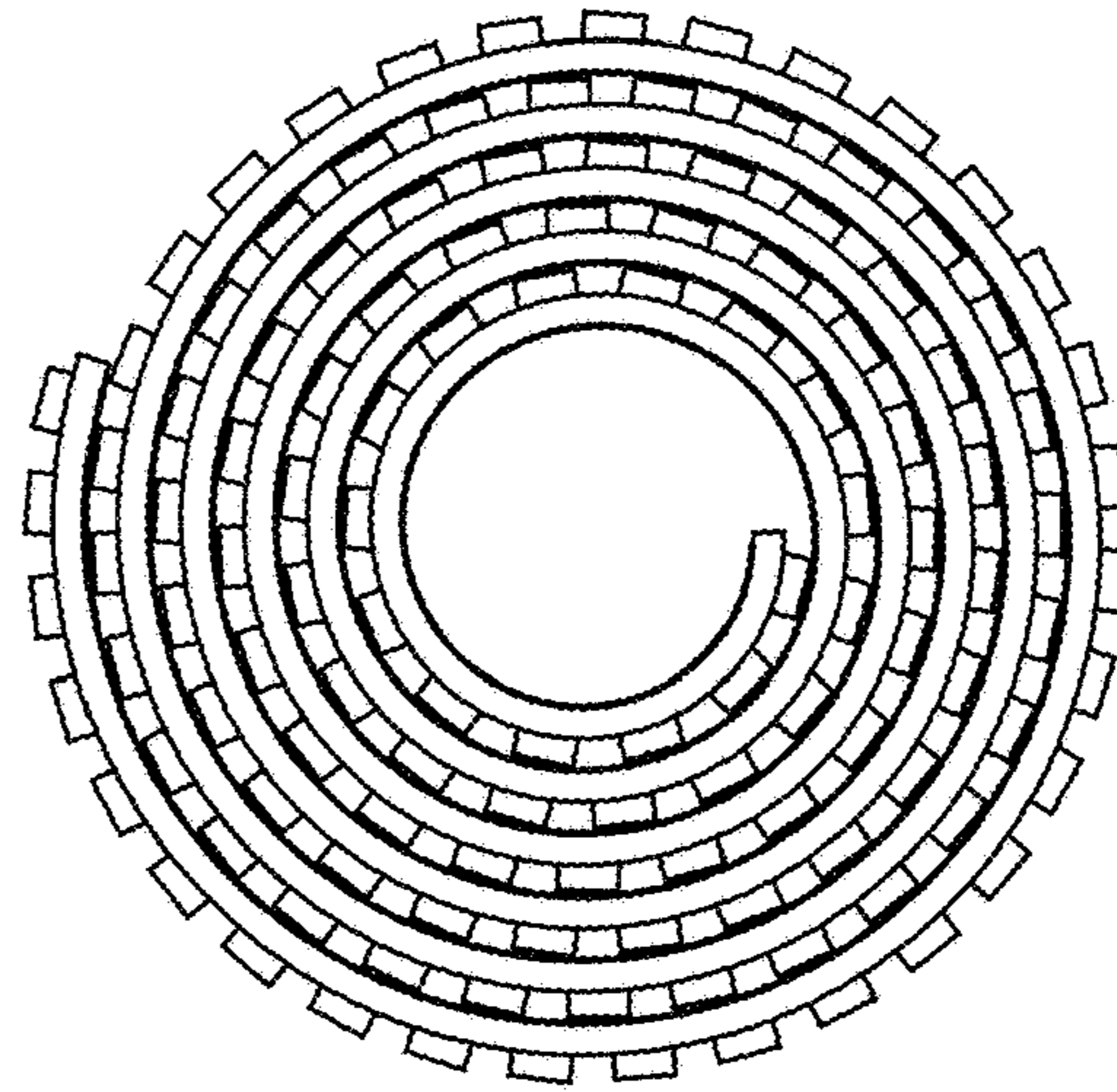


FIG. 143

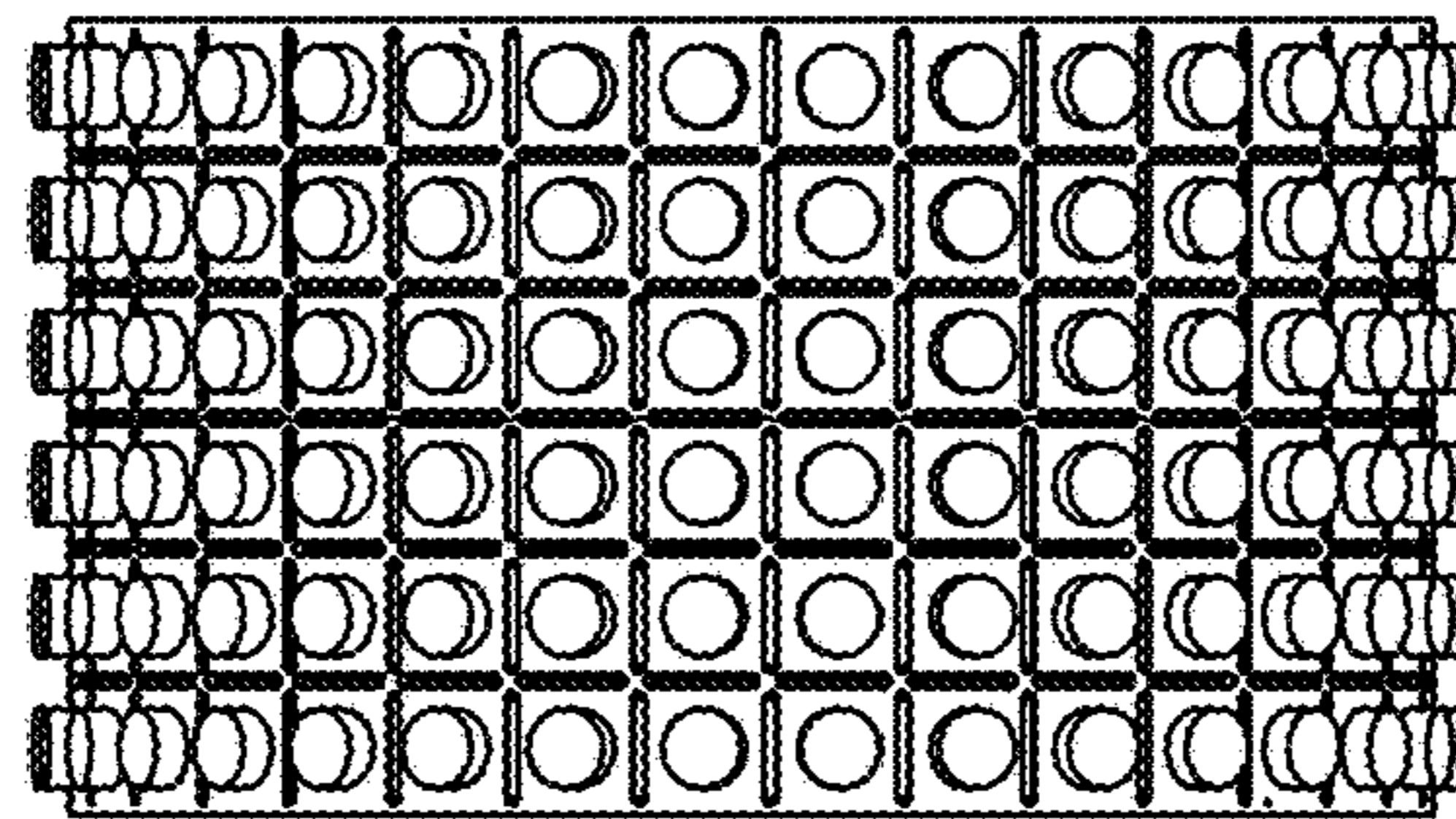


FIG. 142

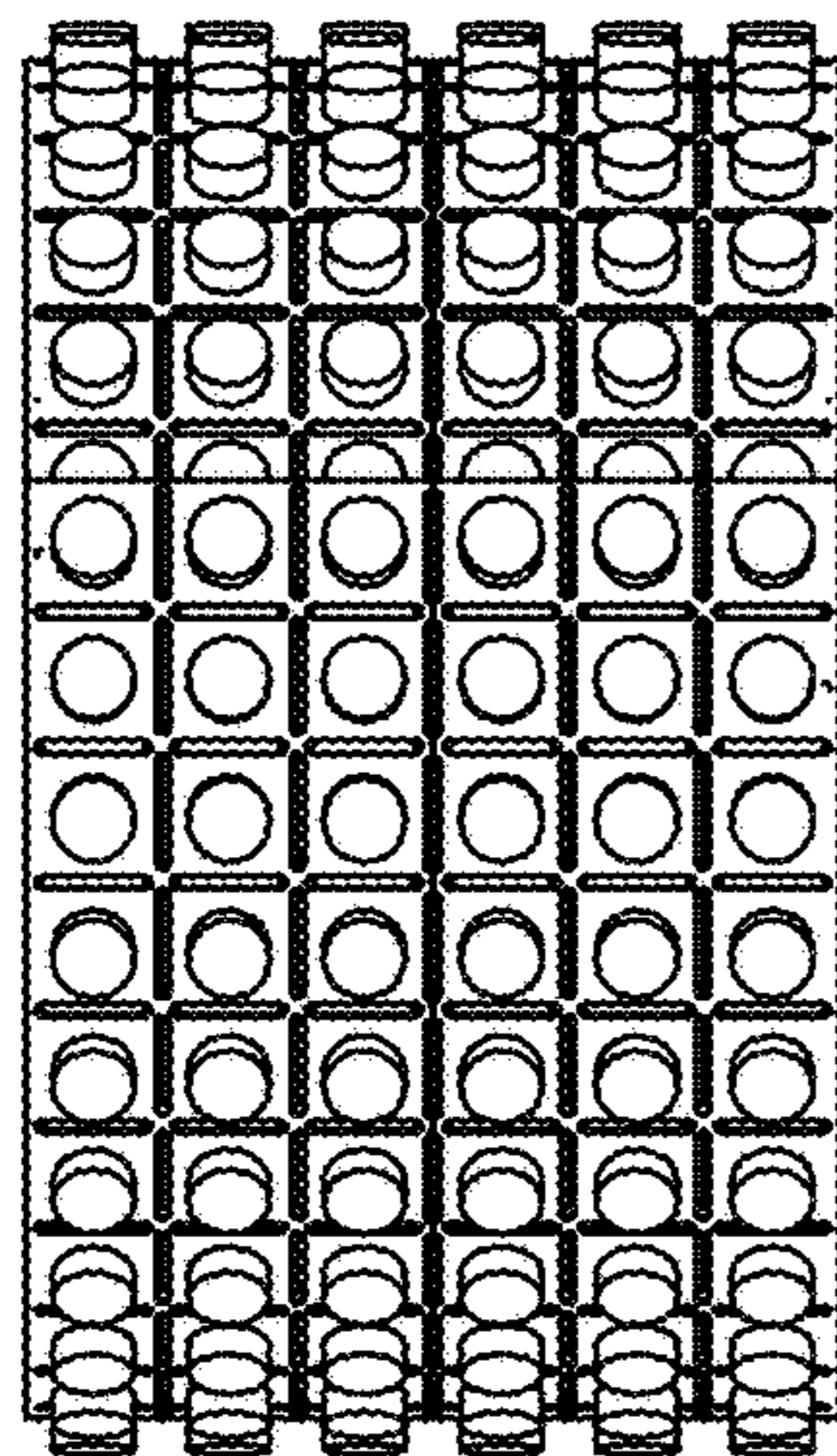


FIG. 144

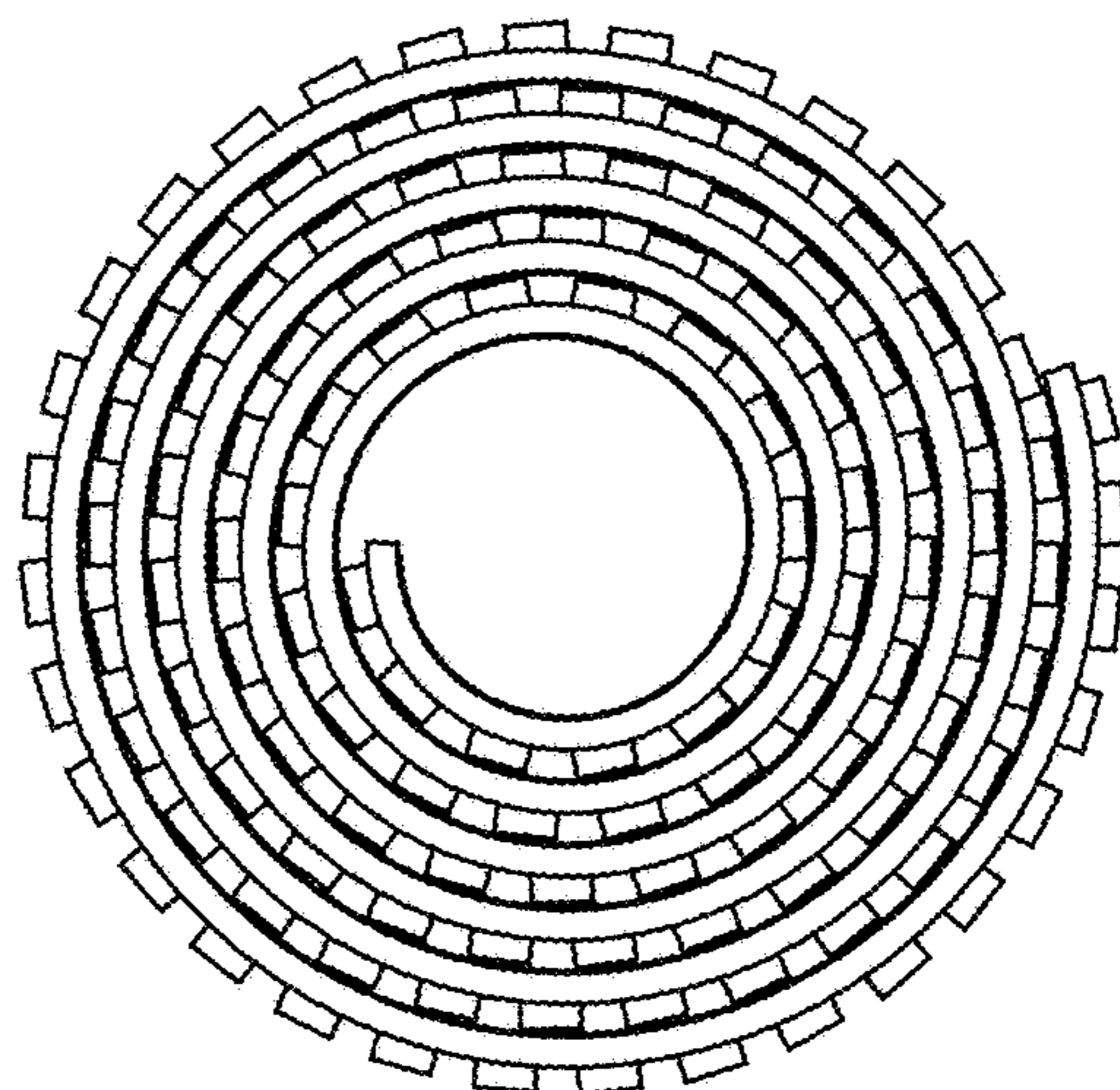


FIG. 145

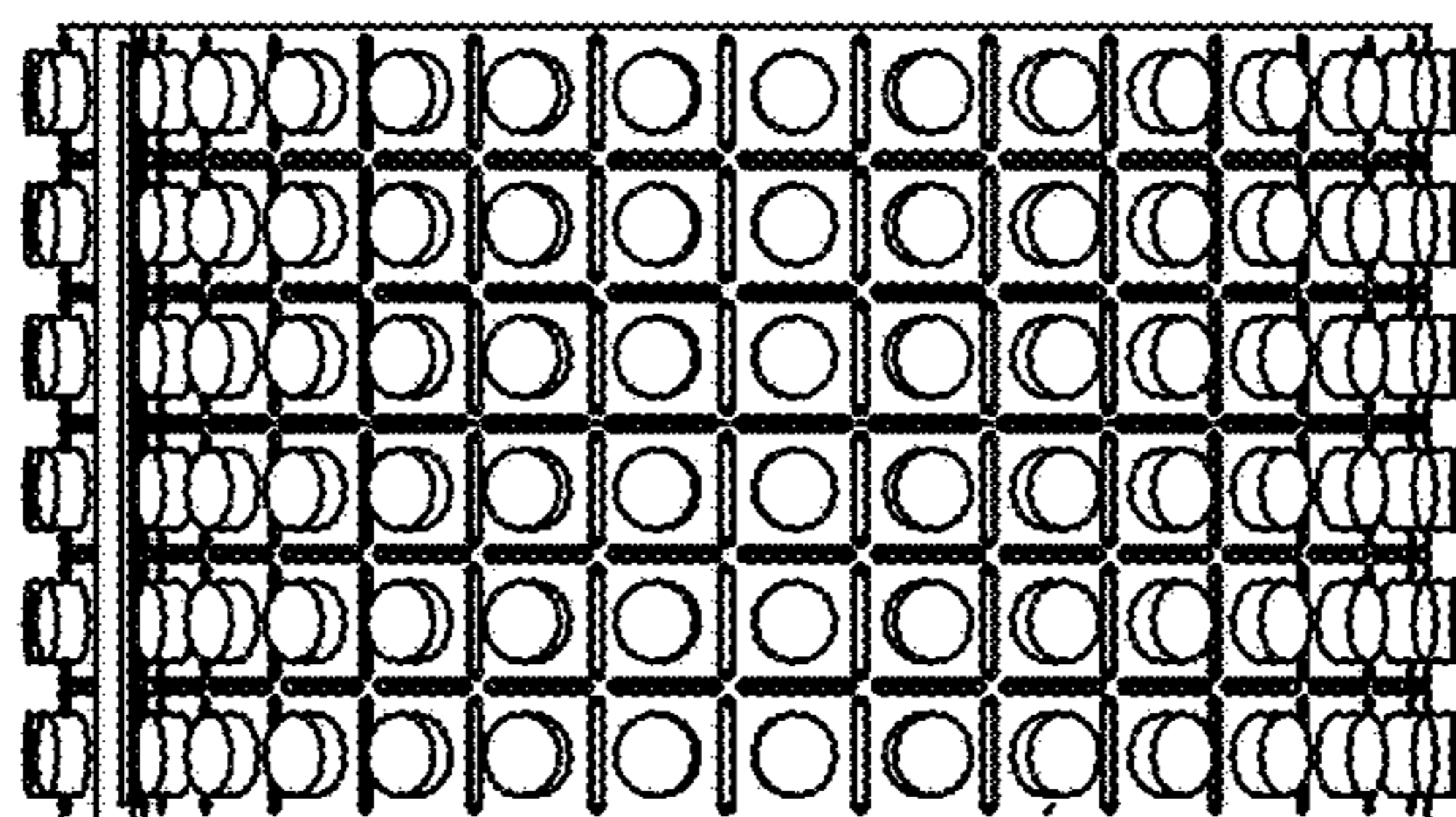


FIG. 146

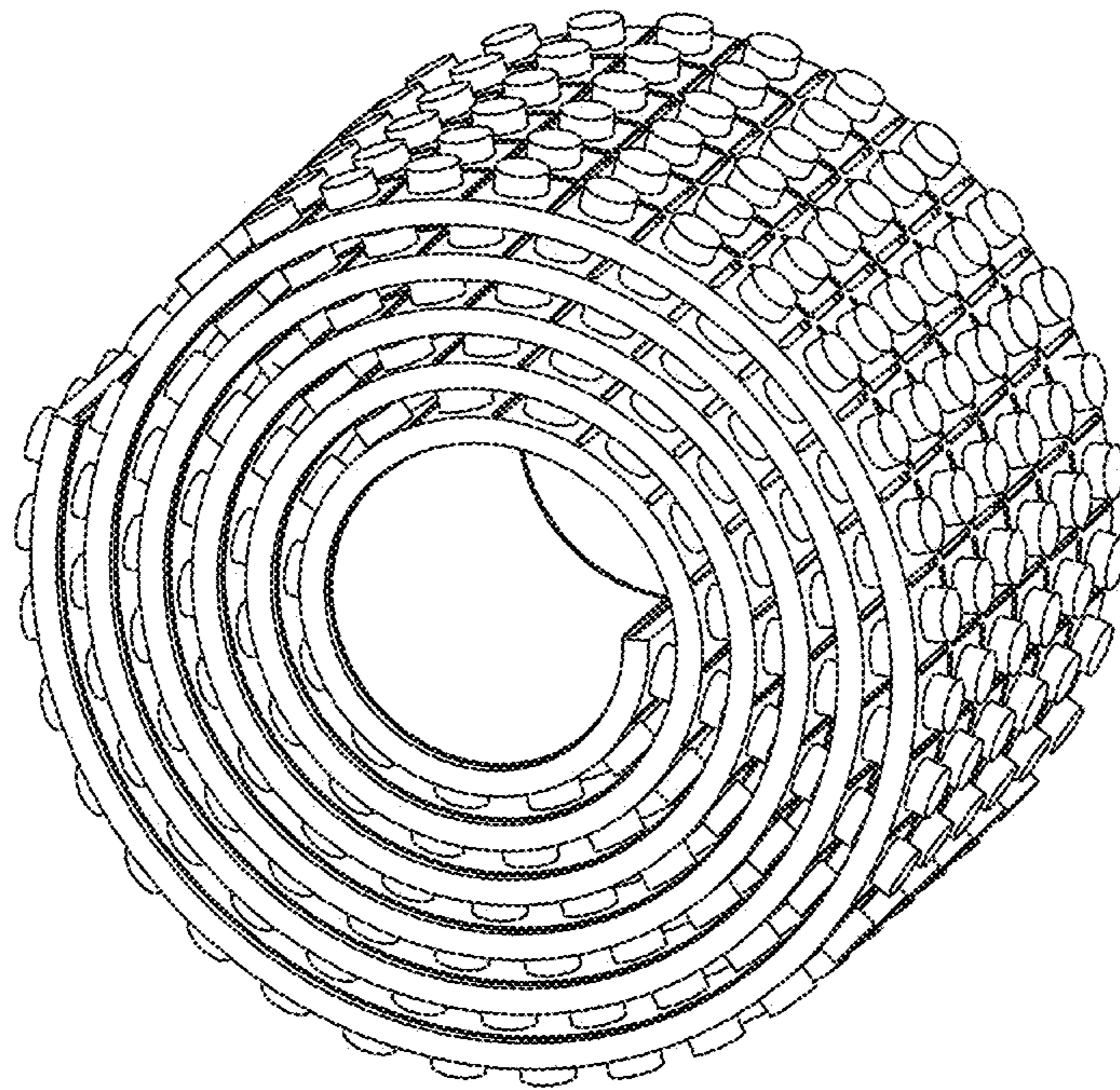


FIG. 147

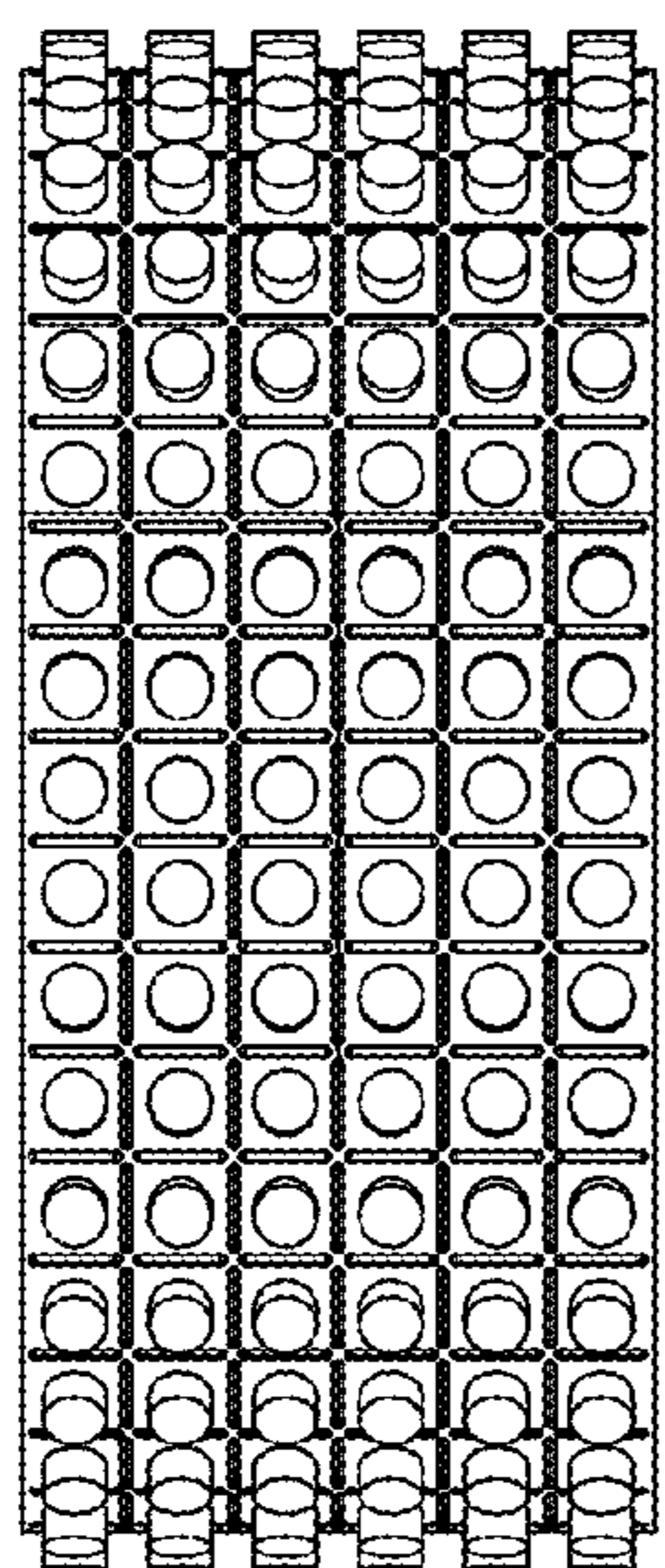


FIG. 149

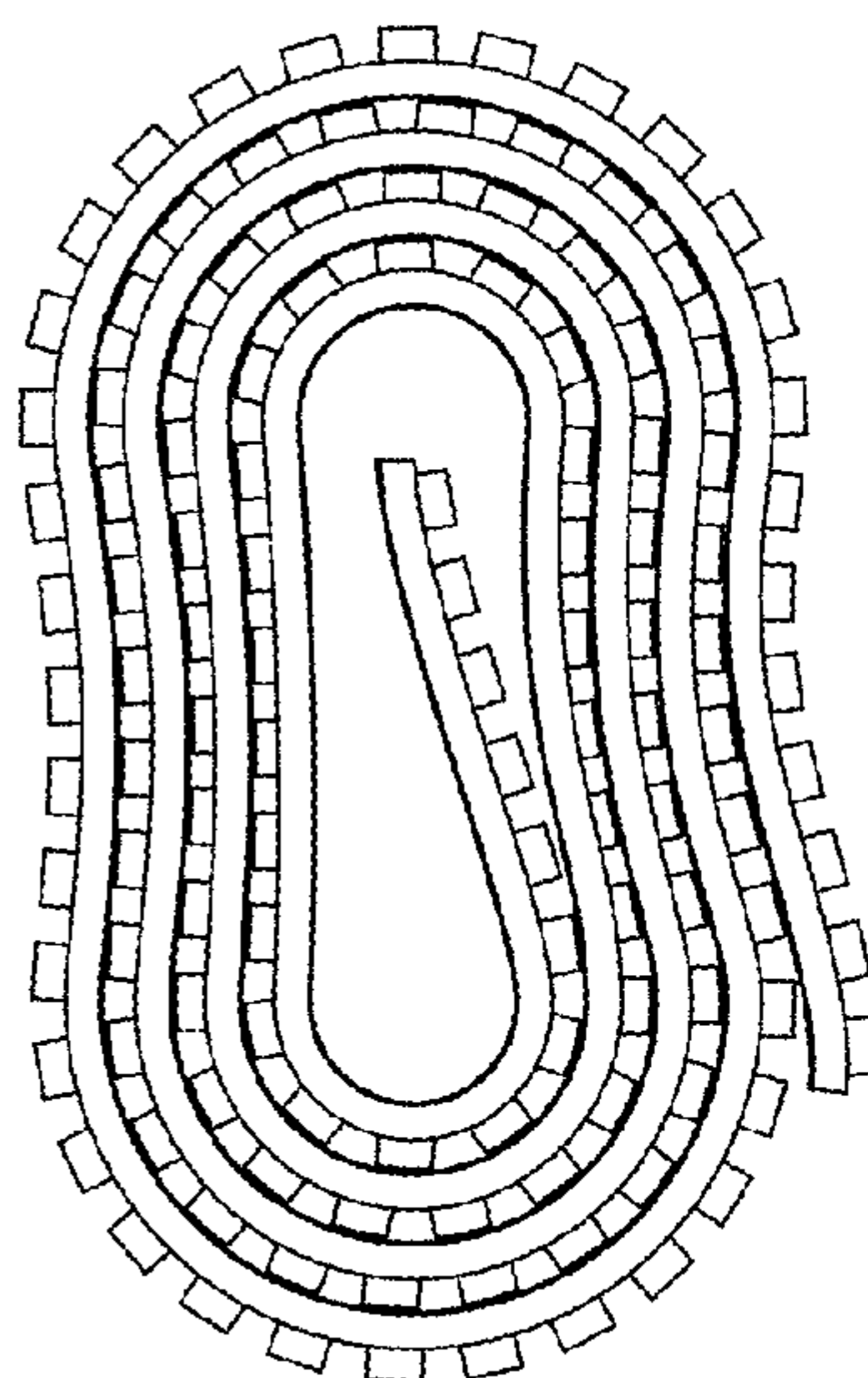


FIG. 150

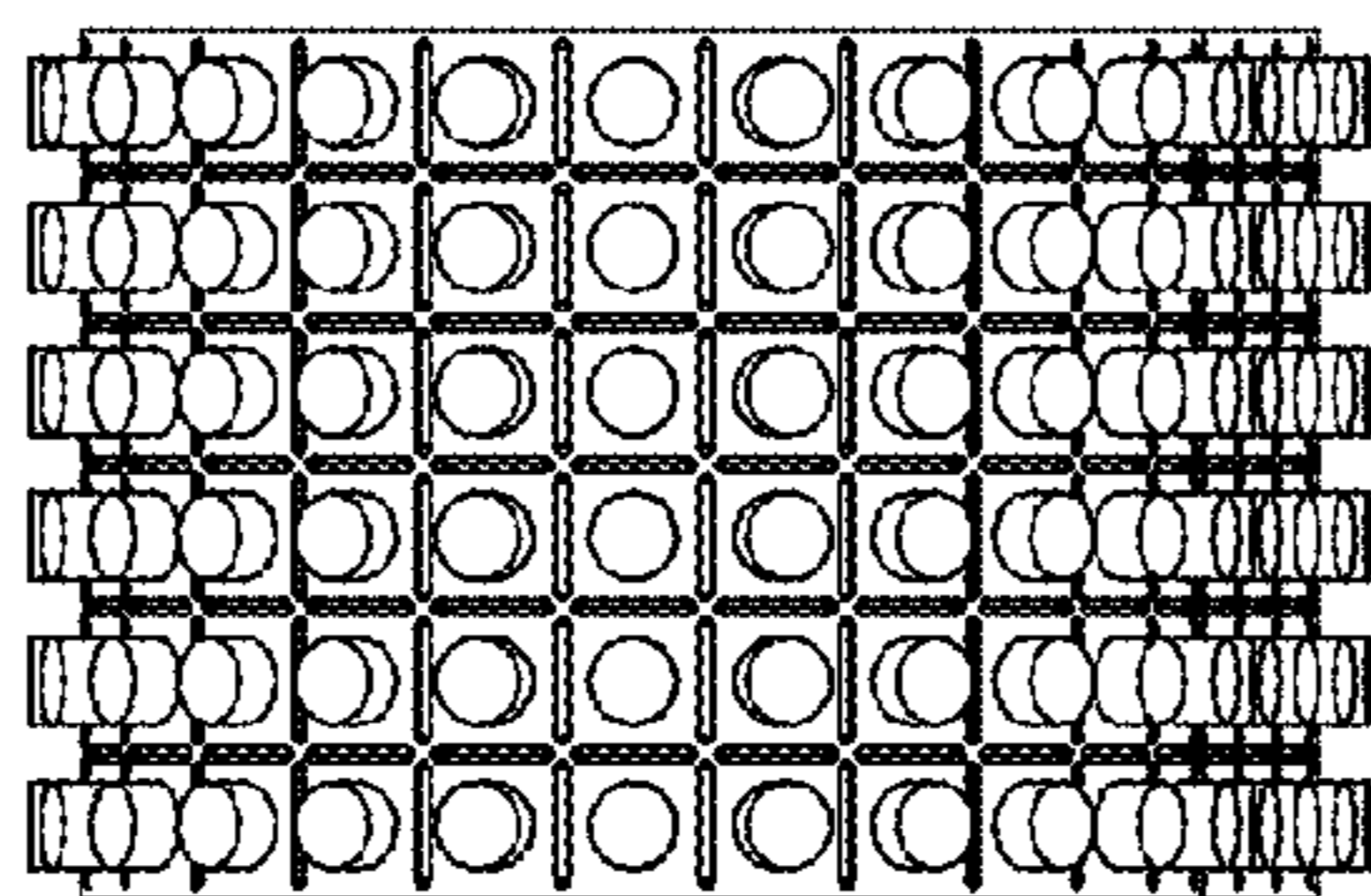


FIG. 148

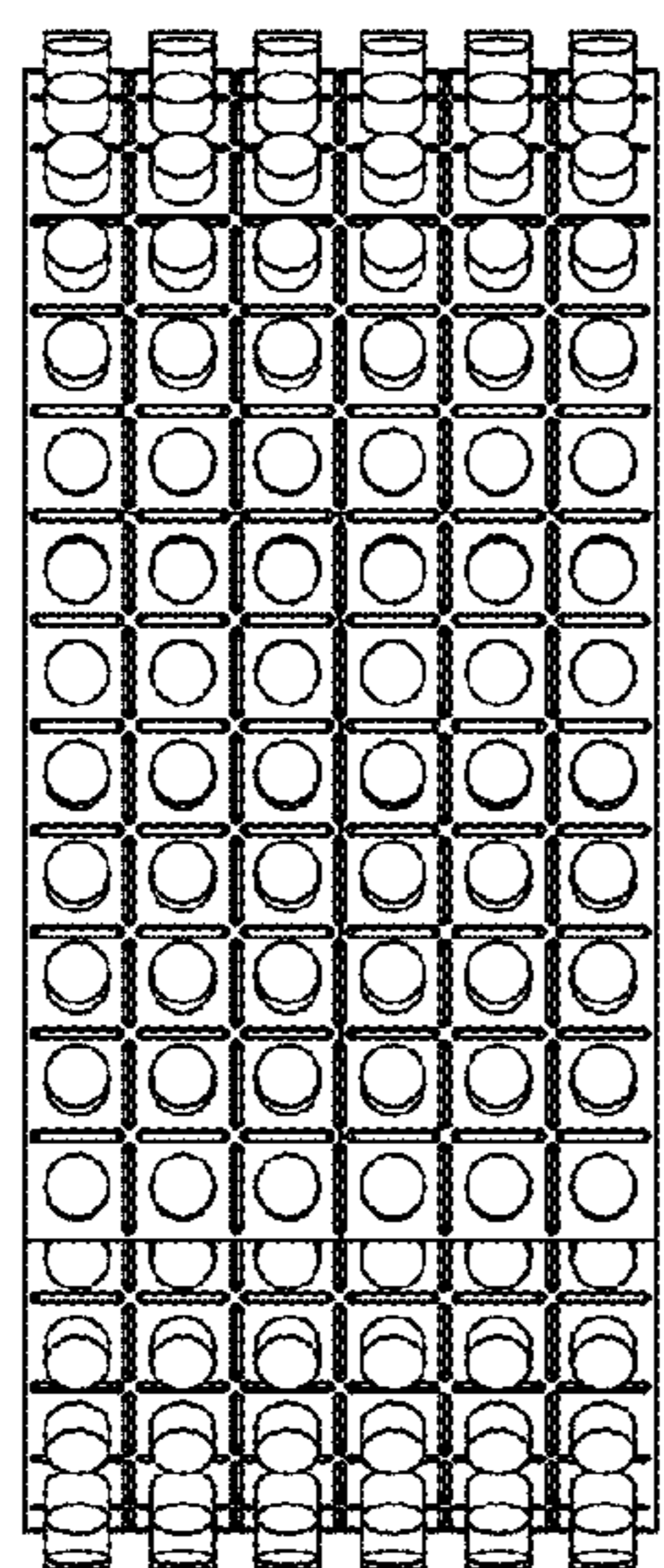


FIG. 151

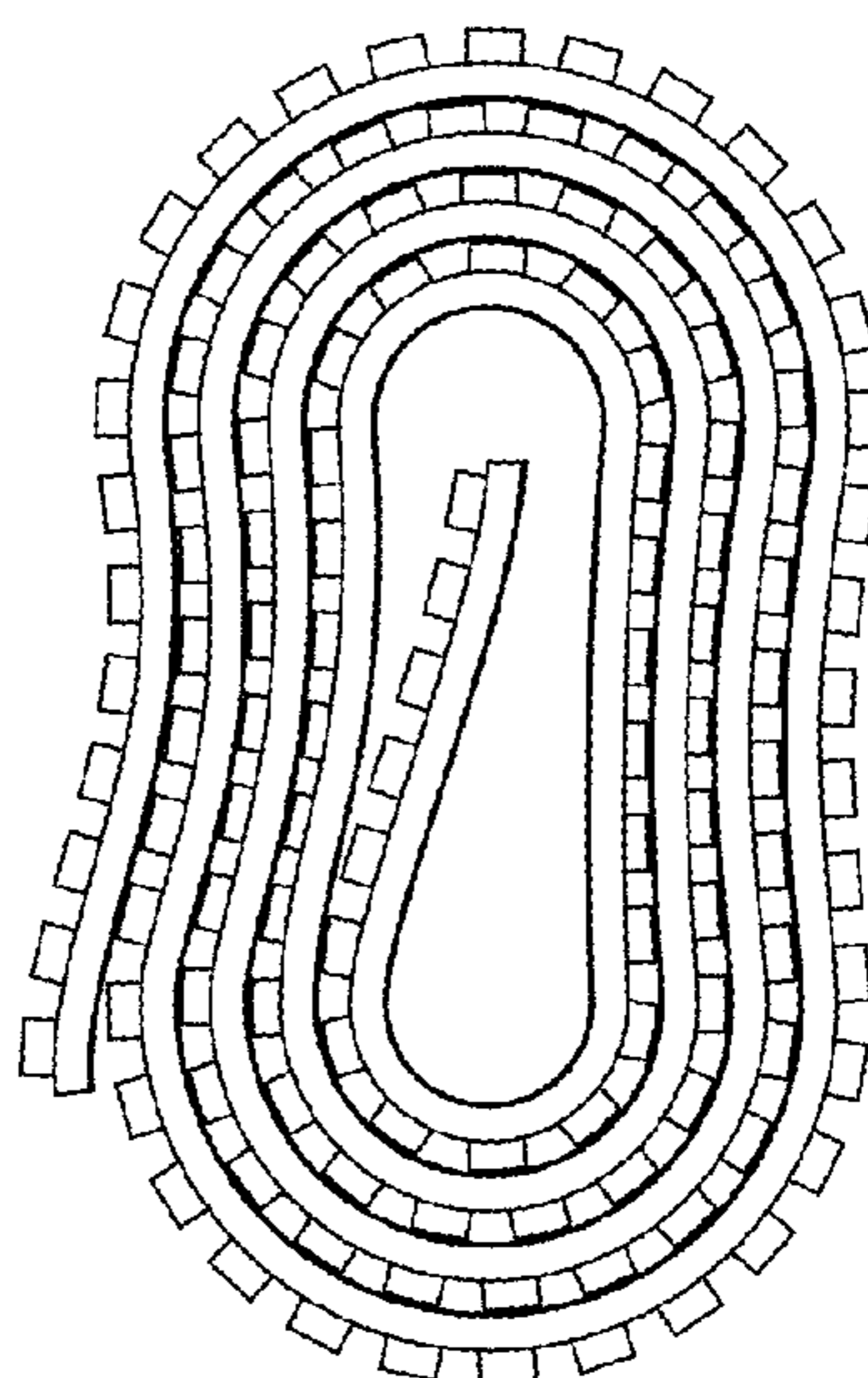


FIG. 152

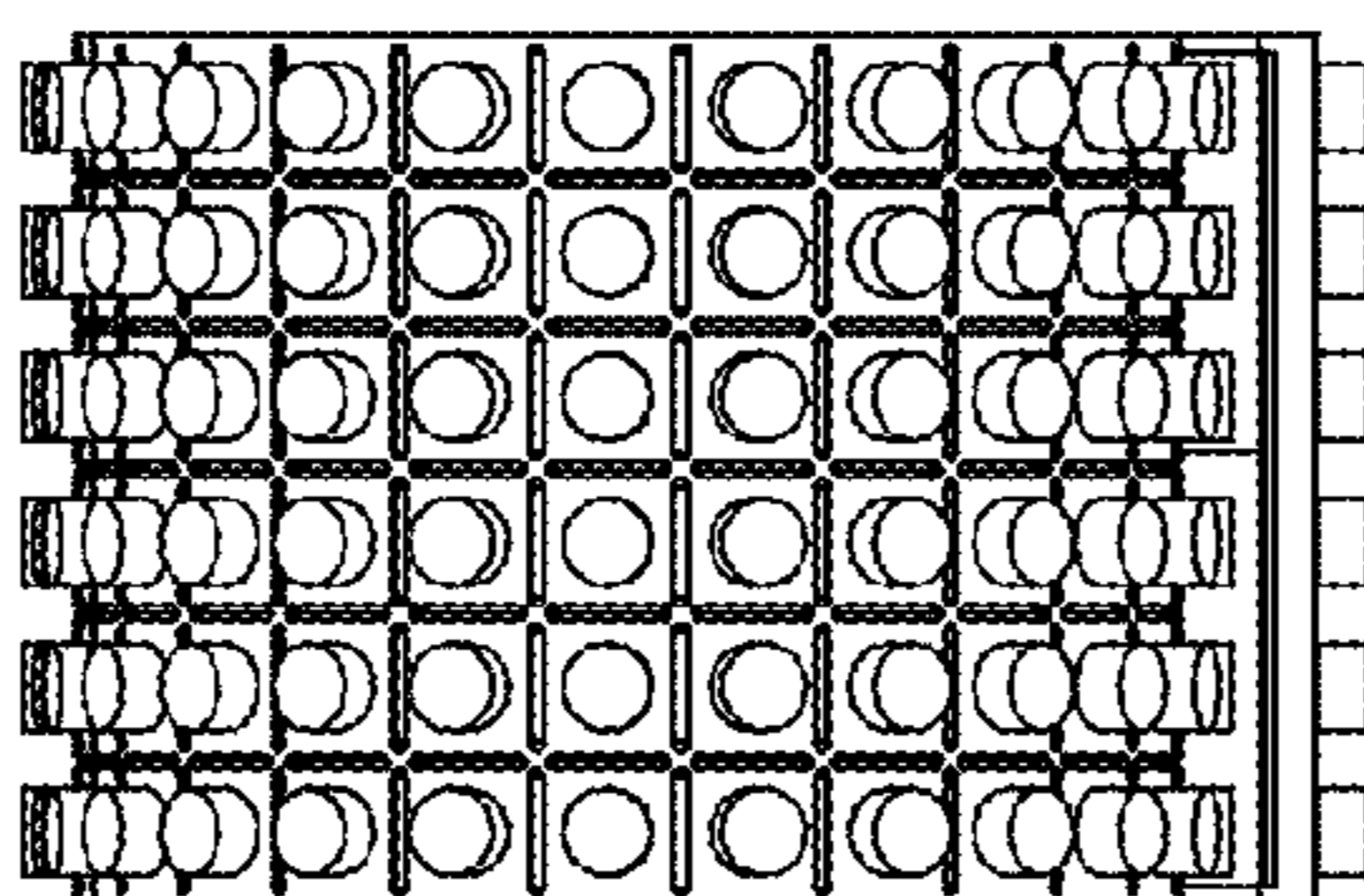


FIG. 153

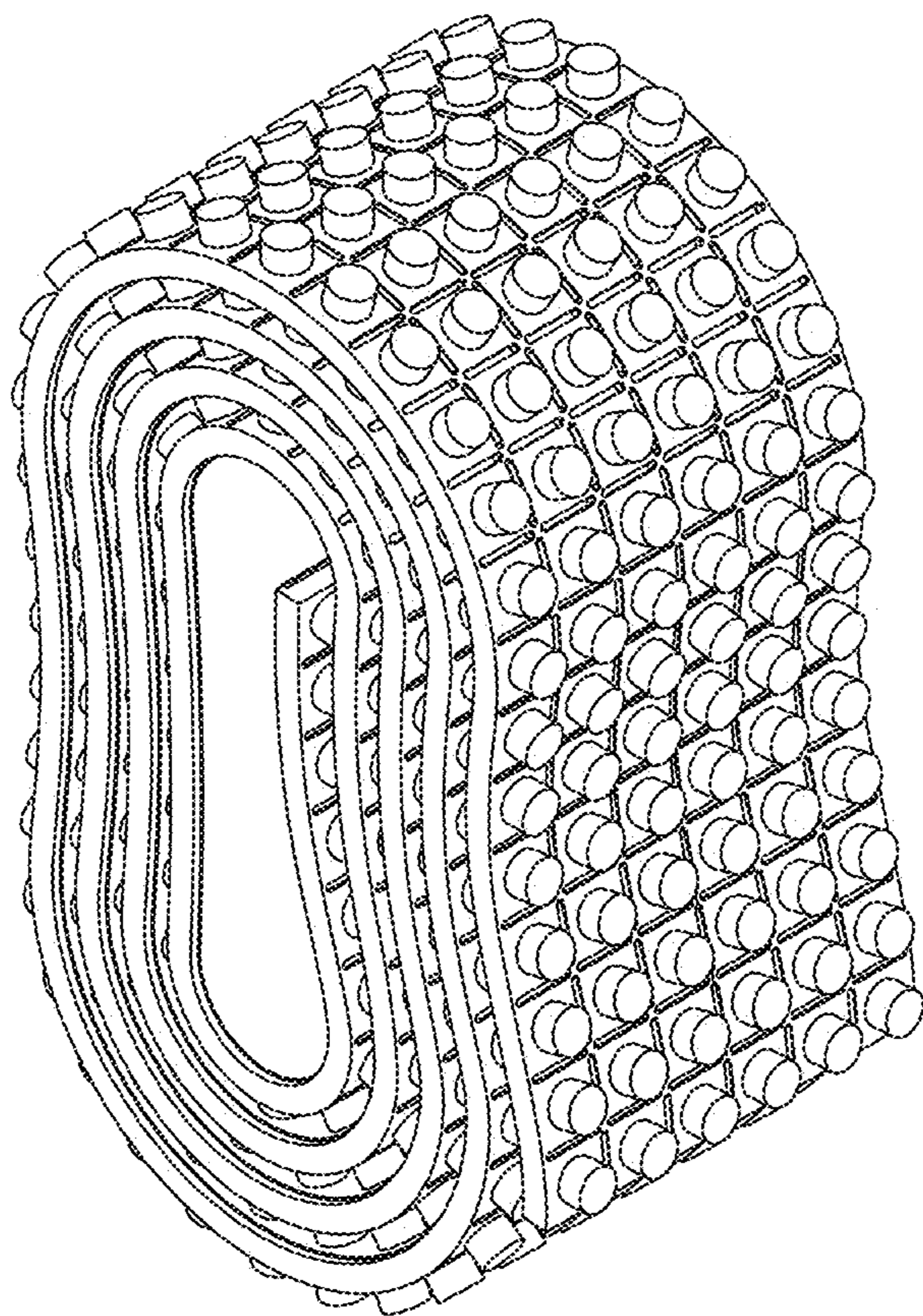


FIG. 154

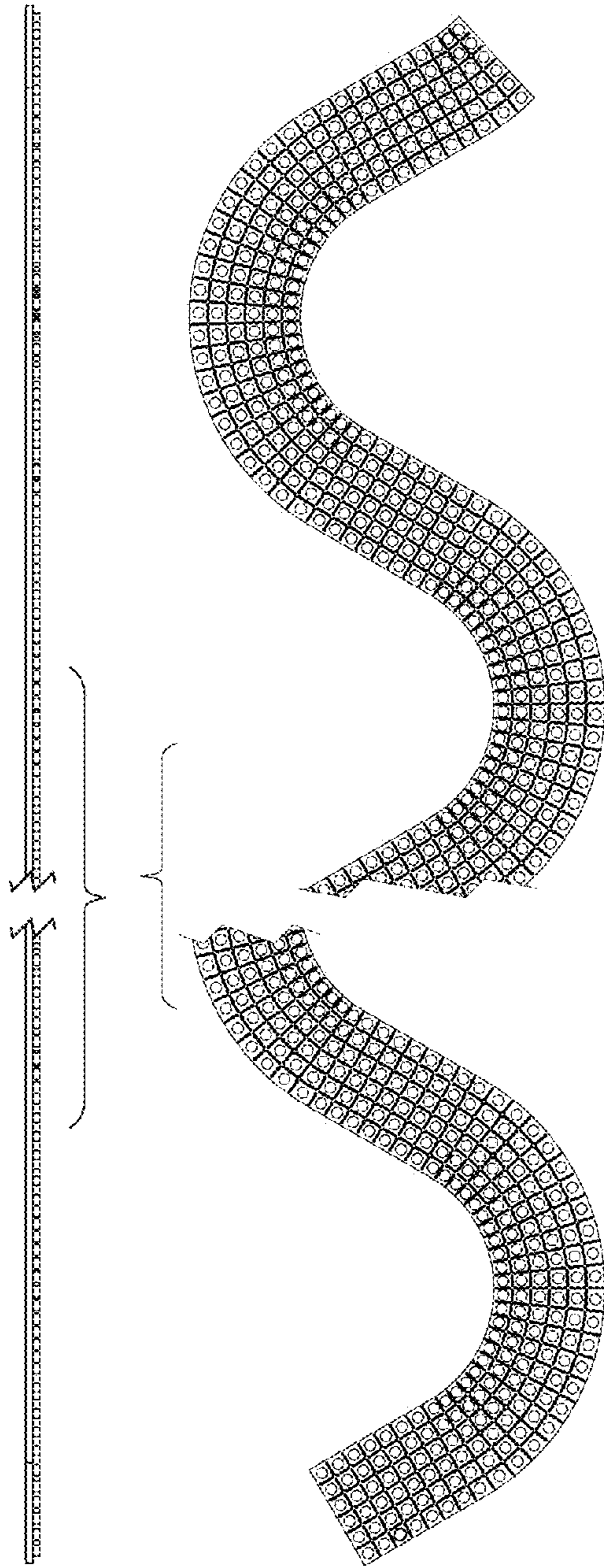


FIG. 156

FIG. 157

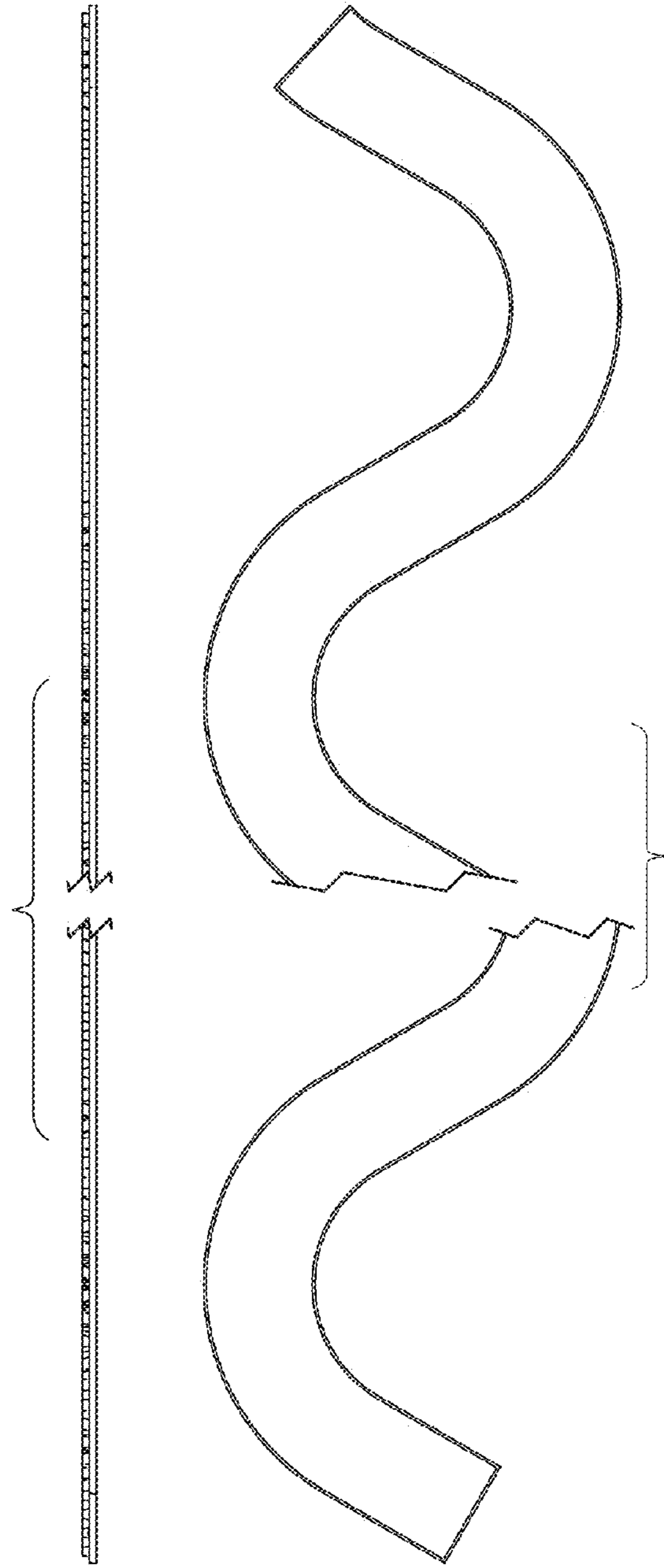


FIG. 158

FIG. 159

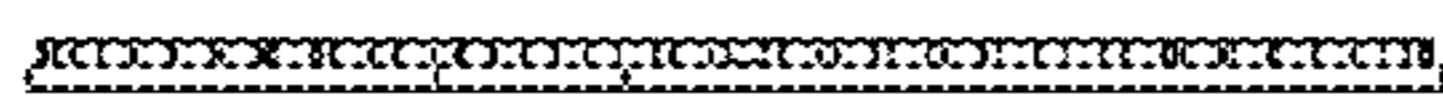


FIG. 160

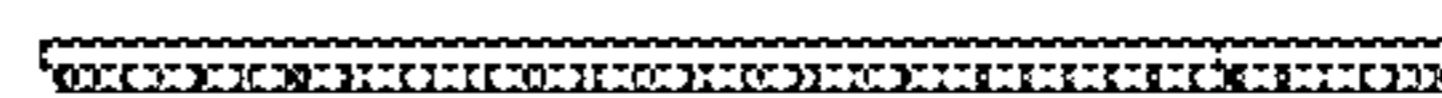


FIG. 155

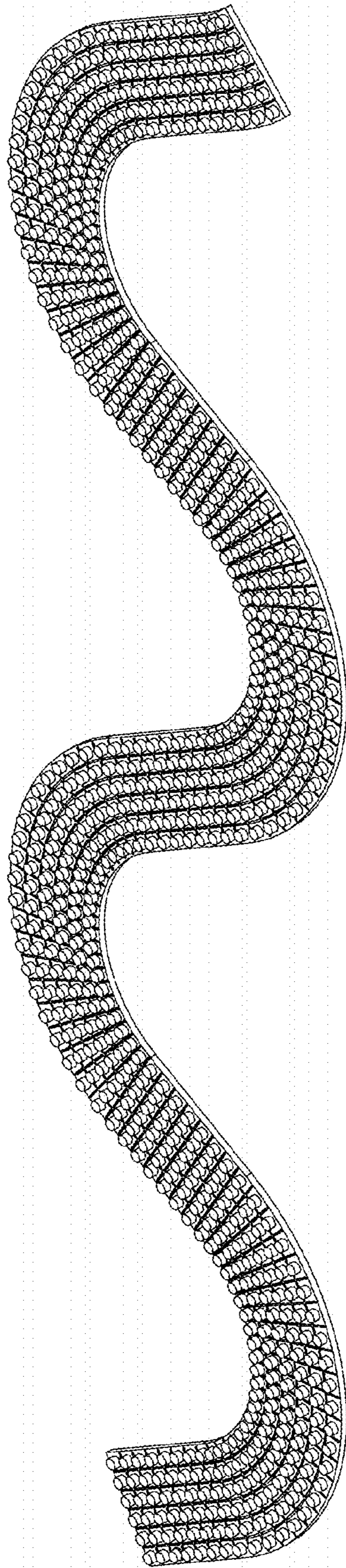


FIG. 161

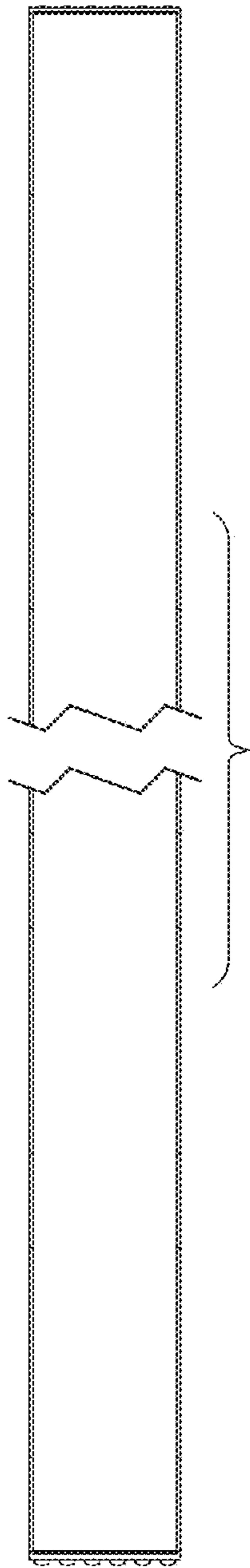


FIG. 163

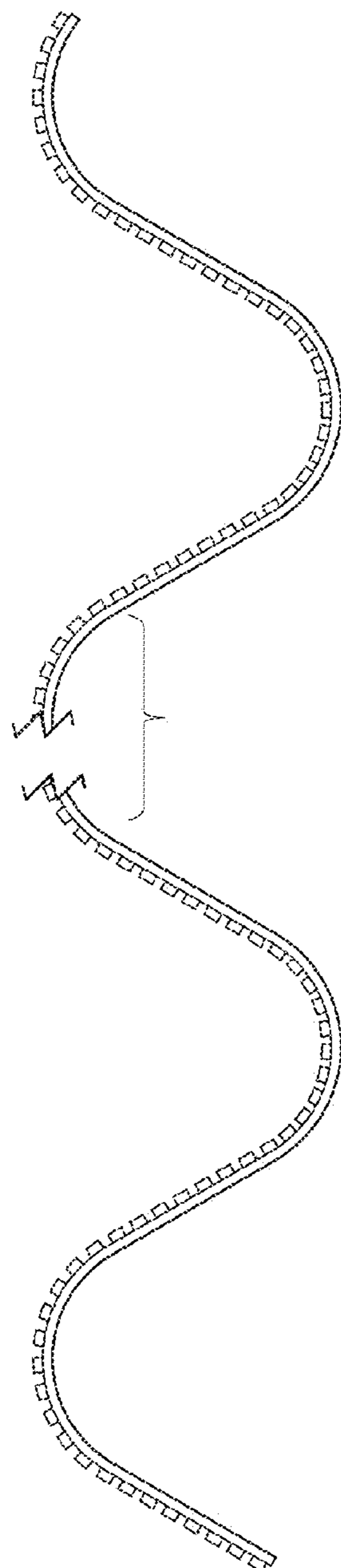


FIG. 164

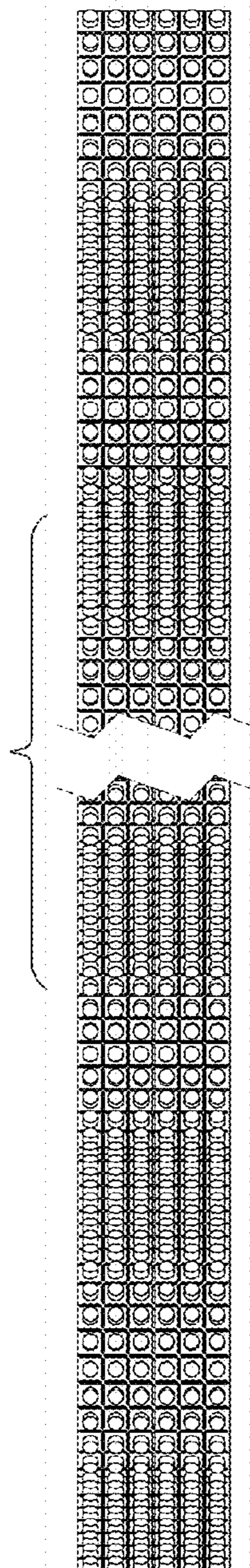


FIG. 165

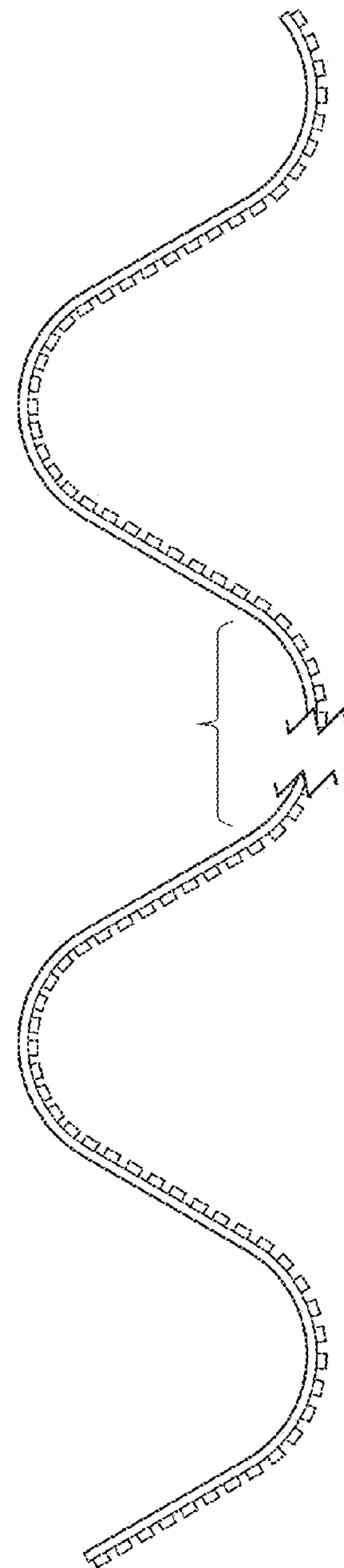


FIG. 166

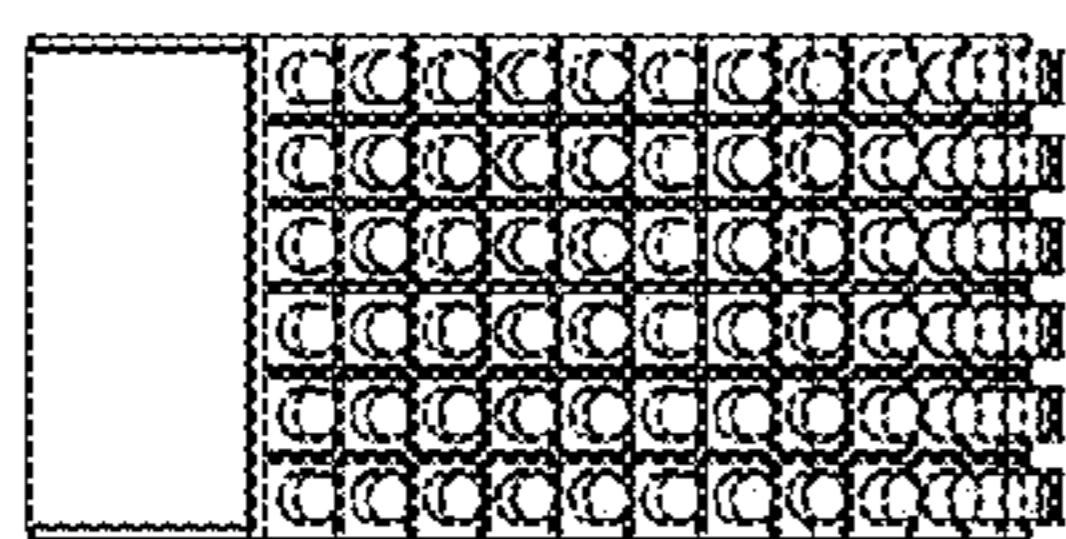


FIG. 167

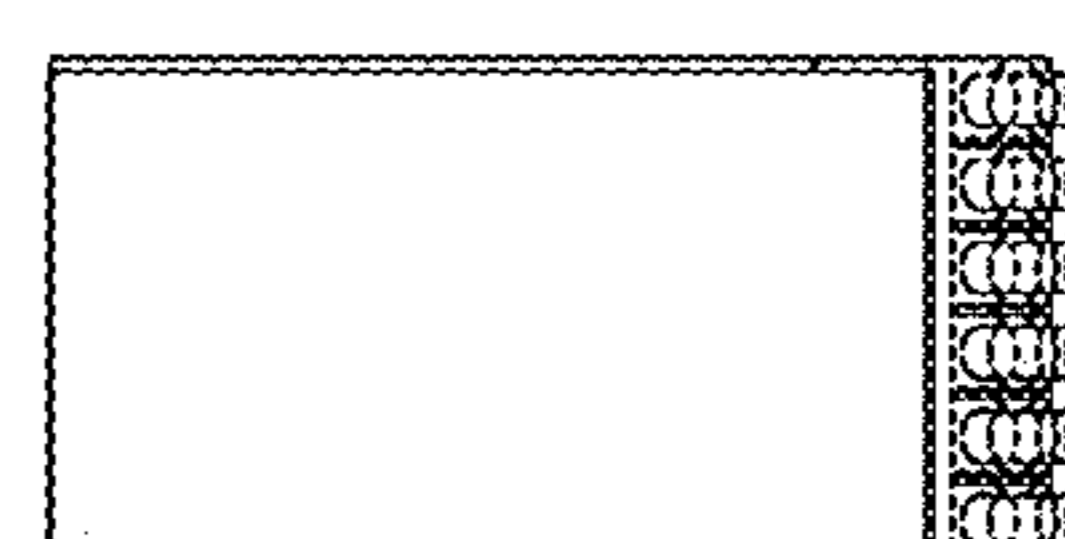


FIG. 162

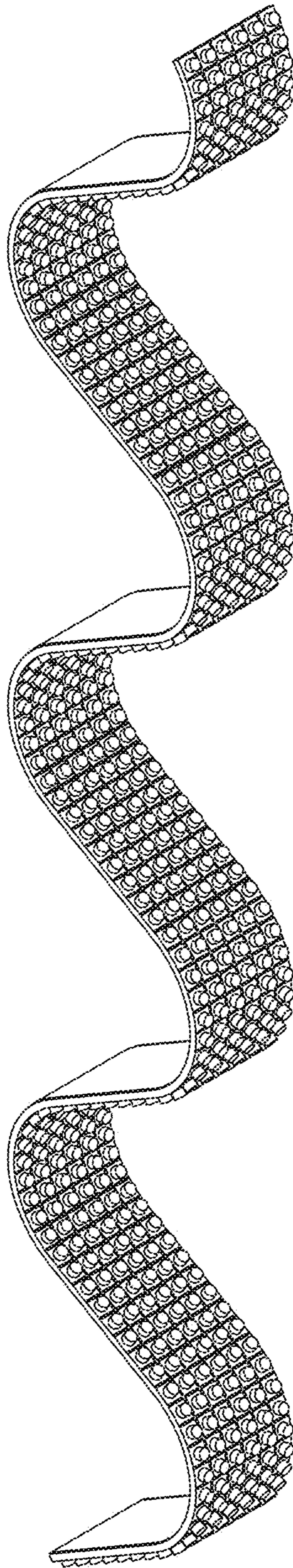


FIG. 168