



US00D800346S

(12) **United States Design Patent** (10) **Patent No.:** **US D800,346 S**
Apanovich et al. (45) **Date of Patent:** **** Oct. 17, 2017**

(54) **CONTROL JOINT WITH RIBBED FLANGES**

(71) Applicant: **CLARKWESTERN DIETRICH BUILDING SYSTEMS LLC**, West Chester, OH (US)
(72) Inventors: **Nick Joseph Apanovich**, Tampa, FL (US); **Erenio Reyes**, Miami, FL (US); **Hernando Garcia**, Miami, FL (US); **James Michael Wielinga**, Parkland, FL (US)
(73) Assignee: **CLARKWESTERN DIETRICH BUILDING SYSTEMS LLC**, West Chester, OH (US)

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

(21) Appl. No.: **29/553,909**

(22) Filed: **Feb. 5, 2016**

(51) **LOC (10) Cl.** **25-02**

(52) **U.S. Cl.**
USPC **D25/119**

(58) **Field of Classification Search**
USPC D25/35, 38.1, 41.1, 43, 44, 47.1, 48.1, D25/48.2, 48.3, 48.4, 48.7, 55-57, 60, 61, D25/119-125, 126-137, 164, 199
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,224,077 A 4/1917 Grove
1,555,392 A 9/1925 Scherer et al.
1,736,873 A 11/1929 Barton
1,853,310 A 4/1932 Land
(Continued)

FOREIGN PATENT DOCUMENTS

AU 653276 9/1994
BE 1019998 A3 3/2013
CA 19534 S 3/1954
(Continued)

OTHER PUBLICATIONS

“#093 Zinc Control Joint (ZNCJ),” ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/metal-trims-and-finishing-products/093-zinc-control-joint-zncj>.

(Continued)

Primary Examiner — Cynthia Ramirez
Assistant Examiner — Llorellys Martinez-Rivera
(74) *Attorney, Agent, or Firm* — Frost Brown Todd LLC

(57) **CLAIM**

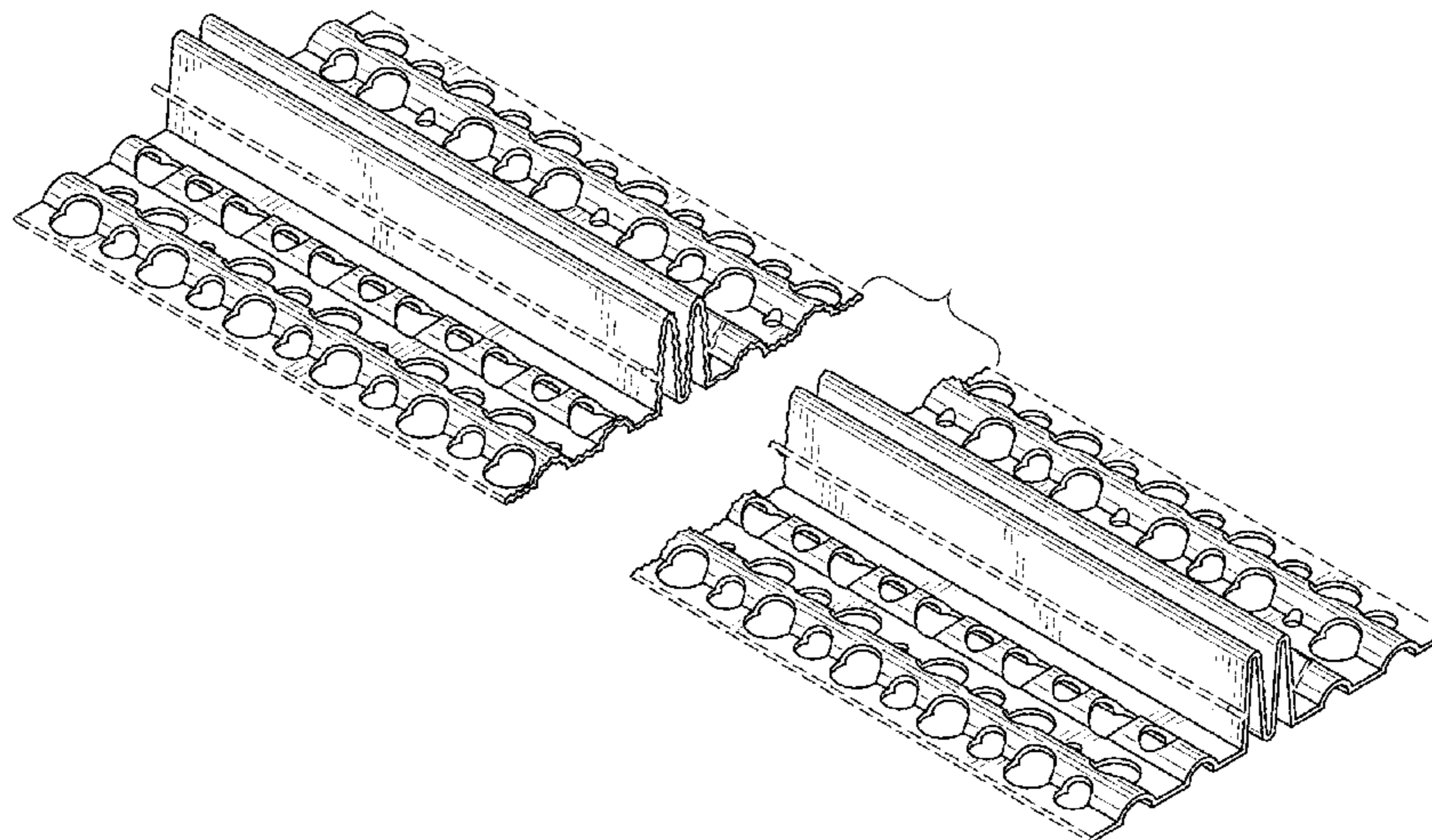
The ornamental design for a control joint with ribbed flanges, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a control joint with ribbed flanges, showing our new design;
FIG. 2 is a bottom perspective view of the control joint with ribbed flanges of FIG. 1
FIG. 3 is a left side elevation view of the control joint with ribbed flanges of FIG. 1;
FIG. 4 is a right side elevation view of the control joint with ribbed flanges of FIG. 1;
FIG. 5 is a front elevation view of the control joint with ribbed flanges of FIG. 1;
FIG. 6 is a rear elevation view of the control joint with ribbed flanges of FIG. 1;
FIG. 7 is a top plan view of the control joint with ribbed flanges of FIG. 1; and,
FIG. 8 is a bottom plan view of the control joint with ribbed flanges of FIG. 1.

The broken lines in FIGS. 1-8 are included for purposes of illustrating portions of the control joint with ribbed flanges that form no part of the claimed design. The control joint with ribbed flanges is shown with a symbolic break in its length. The appearance of any portion of the control joint with ribbed flanges between the jagged break lines forms no part of the claimed design.

1 Claim, 6 Drawing Sheets



(58) **Field of Classification Search**

CPC E04F 19/02; E04F 19/022; E04F 19/026;
 E04F 19/028; E04F 19/04; E04F 19/0436;
 E04F 19/0481; E04F 19/0486; E04F
 13/06; E04F 13/068; E04F 2013/061;
 E04F 2013/063; E04F 2013/065; E04F
 2013/066; E04C 3/00; E04C 3/005; E04C
 3/02; E04C 3/04; E04C 3/12; E04C 3/20;
 E04C 3/28; E04C 3/30; E04B 1/6803;
 E04B 1/6806; E04B 1/6807; E04B
 1/6809; E04B 1/681; E04B 1/6815; E04B
 2001/2436; E04B 2001/2439; E04B
 2001/2442; E04B 2001/2445; E04B
 2001/2448; E04B 2001/2451; E04B
 2001/2454; E04B 2001/2457; E04B
 2001/246; E04B 2001/2463

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,167,998 A 8/1939 Reid
 2,298,251 A 10/1942 Burson
 2,350,790 A 6/1944 McCarthy
 2,679,156 A 5/1954 McFarland
 D200,699 S * 3/1965 Pappas D6/683.1
 3,192,577 A * 7/1965 Barr E04B 1/6803
 52/362
 3,295,268 A * 1/1967 Gaither E04F 13/06
 52/255
 3,412,512 A 11/1968 Hollister
 3,515,373 A 6/1970 Abbe
 3,754,367 A 8/1973 O’Konski et al.
 D230,583 S * 3/1974 La Borde D25/121
 D250,420 S * 11/1978 Ward D25/121
 4,825,612 A * 5/1989 Tupman E04F 19/062
 52/288.1
 5,067,297 A 11/1991 Sobol
 5,365,713 A * 11/1994 Nicholas E04B 1/681
 52/396.03
 5,419,084 A * 5/1995 Sankey E06B 7/367
 D25/119
 5,423,154 A * 6/1995 Maylon E04F 13/06
 52/364
 5,477,643 A 12/1995 Koenig, Jr.
 5,625,986 A 5/1997 Mansfield
 5,699,638 A 12/1997 Maylon
 5,761,866 A 6/1998 Maylon
 5,946,870 A 9/1999 Bifano et al.
 5,970,671 A 10/1999 Bifano et al.
 6,119,429 A 9/2000 Bifano et al.
 6,134,847 A 10/2000 Bifano et al.
 6,189,273 B1 * 2/2001 Larson E04F 13/06
 52/255
 6,293,064 B1 9/2001 Larson
 6,298,609 B1 10/2001 Bifano et al.
 D456,528 S * 4/2002 Maylon D25/121
 D459,007 S 6/2002 Campacci
 6,470,638 B1 10/2002 Larson
 D471,991 S 3/2003 Maylon et al.
 D477,420 S 7/2003 Butcher
 6,591,559 B2 7/2003 Contreras et al.
 6,609,341 B2 8/2003 Maylon et al.
 6,691,476 B1 2/2004 Kunz
 6,698,144 B1 3/2004 Larson
 D503,227 S 3/2005 Rodolfo et al.
 D503,469 S 3/2005 Rodolfo et al.
 D529,630 S 10/2006 Zarb
 7,200,970 B2 4/2007 Koenig, Jr. et al.
 D551,783 S * 9/2007 Lowman D25/48.1
 7,284,357 B2 10/2007 McInerney et al.
 7,296,387 B2 11/2007 Milu
 D575,139 S * 8/2008 LePoire D8/349
 7,634,883 B1 12/2009 Larson et al.

7,654,049 B2 2/2010 Koenig, Jr. et al.
 7,673,428 B1 3/2010 Smythe
 7,757,450 B2 7/2010 Reyes et al.
 D652,532 S 1/2012 Letham
 D652,955 S 1/2012 Budzik
 D656,603 S 3/2012 Egan et al.
 8,511,016 B2 8/2013 Smythe, Jr.
 D693,483 S 11/2013 Krieger
 8,584,416 B2 11/2013 Chenier et al.
 8,615,950 B1 12/2013 Gomes
 D700,717 S 3/2014 Campacci
 D703,306 S 4/2014 Little et al.
 D703,307 S 4/2014 Little et al.
 D711,556 S 8/2014 Singh
 8,869,491 B2 10/2014 Little et al.
 8,875,468 B2 11/2014 Dhinjan
 8,910,437 B2 12/2014 Robertson
 D742,546 S 11/2015 Singh
 9,200,454 B2 12/2015 Little et al.
 9,303,413 B2 4/2016 Koenig, Jr. et al.
 D761,971 S 7/2016 Apanovich et al.
 D762,310 S 7/2016 Apanovich et al.
 9,422,730 B2 8/2016 Curtis et al.
 9,435,114 B1 * 9/2016 Preston E04F 13/06
 D768,877 S 10/2016 Mumford, Sr.
 D768,878 S 10/2016 Mumford, Sr.
 D768,879 S 10/2016 Mumford, Sr.
 D768,880 S 10/2016 Mumford, Sr.
 D768,881 S 10/2016 Mumford, Sr.
 D768,882 S 10/2016 Mumford, Sr.
 D769,459 S 10/2016 Mumford, Sr.
 D769,460 S 10/2016 Mumford, Sr.
 D769,461 S 10/2016 Mumford, Sr.
 D769,462 S 10/2016 Mumford, Sr.
 D771,838 S 11/2016 Mumford, Sr.
 D774,214 S 12/2016 Mumford, Sr.
 2005/0172571 A1 8/2005 Koenig, Jr. et al.
 2006/0150553 A1 * 7/2006 Reyes E04F 13/06
 52/393
 2007/0022685 A1 2/2007 Koenig, Jr. et al.
 2007/0062137 A1 3/2007 Maylon
 2012/0110936 A1 5/2012 Egan et al.
 2014/0260019 A1 9/2014 Conboy
 2016/0340908 A1 11/2016 Apanovich et al.
 2016/0348357 A1 * 12/2016 Smith E04F 13/06

FOREIGN PATENT DOCUMENTS

CA 22772 10/1959
 CA 22773 S 10/1959
 CA 2259875 A1 10/1999
 CA 2259877 A1 10/1999
 CA 93969 S 11/2001
 CA 107604 S 12/2005
 CA 107605 S 12/2005
 CA 107606 12/2005
 CA 107607 12/2005
 CA 127416 S 9/2009
 CA 2771711 A1 3/2011
 CA 139128 S 1/2012
 CA 2816036 A1 5/2012
 CA 146178 S 11/2013
 CA 151311 S 8/2014
 CA 158042 S 6/2015
 DE 29615211 U1 10/1996
 EP 0161532 A2 11/1985
 EP 0 324 918 A1 7/1991
 EP 0473393 A1 3/1992
 GB 361490 A 11/1931
 GB 2233381 A 1/1991
 WO WO 2007/012897 A1 2/2007
 WO WO 2014/023620 A1 2/2014

OTHER PUBLICATIONS

“#15 Double-V Control Joint,” ClarkDietrich, 2015, 1 pg. down-
 loaded Jan. 28, 2016 from [http://www.clarkdietrich.com/products/
 metal-expansion-control-joints/15-double-v-control-joint](http://www.clarkdietrich.com/products/metal-expansion-control-joints/15-double-v-control-joint).

(56)

References Cited

OTHER PUBLICATIONS

- "#15 Zinc Double-V Control Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/zinc-expansion-control-joints/15-zinc-double-v-control-joint>.
- "#30 Corner Master™ Control Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 29, 2016 from <http://www.clarkdietrich.com/products/metal-expansion-control-joints/30-corner-master-control-joint>.
- "#40 Two-Piece Expansion Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/metal-expansion-control-joints/40-two-piece-expansion-joint>.
- "#40 Zinc Two-Piece Expansion Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 29, 2016 from <http://www.clarkdietrich.com/products/zinc-expansion-control-joints/40-zinc-two-piece-expansion-joint>.
- "#XJ15 Double-J Control Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/metal-expansion-control-joints/xj15-double-j-control-joint>.
- "XJ15 Zinc Double-J Control Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/zinc-expansion-control-joints/xj15-zinc-double-j-control-joint>.
- "F" Control Joints (Perforated Flanges)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/drywall-veneer/control-joints/f-control-joints-perforated-flanges>.
- "F" Control Joints (Unperforated Flanges)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/drywall-veneer/control-joints/f-control-joints-unperforated-flanges>.
- "BlazeFrame (CJB): "CJB" (Control Joint Backer)," Product Submittal Sheet, ClarkDietrich, May 30, 2014, 1 pg.
- "Control Joints & Reveal Combinations," Vinyl Corp., 2015, 2 pgs. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/control-joints-reveal-combinations>.
- "Control Joints (Perforated Flanges)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/drywall-veneer/control-joints/control-joints-perforated-flanges>.
- "Control Joints (Surface Application with Removable Tape)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/drywall-veneer/control-joints/control-joints-surface-application-removable-tape>.
- "Control Joints (Unperforated Flanges)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/drywall-veneer/control-joints/control-joints-unperforated-flanges>.
- "Control Joints (with removable tape)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/control-joints-removable-tape>.
- "Control Joints," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/control-joints>.
- "Corner Control Joints (with Removable Tape)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/corner-control-joints-removable-tape>.
- "Corner Expansion Joints," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/miscellaneous-accessories/corner-expansion-joints>.
- "DEFS "F" Control Joints (w-Removable Tape)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/eifs-defs/defs-control-joints/defs-f-control-joints-w-removable-tape>.
- "DEFS Control Joints (w-Removable Tape)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/eifs-defs/defs-control-joints/defs-control-joints-w-removable-tape>.
- "DS15 Drip," Vinyl Corp., 2015, 1 pg. downloaded Feb. 17, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/miscellaneous-accessories/angle-clips>.
- "DX Expansion Joint," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/drywall-veneer/miscellaneous-accessories/dx-expansion-joint>.
- "Expansion Joints (Slip Joint)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/expansion-joints/expansion-joints-slip-joint>.
- "F Control Joints (with removable tape)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/f-control-joints-removable-tape>.
- "Female & Male Casing Expansion Joint Components," Vinyl Corp., 2015, 2 pgs. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/miscellaneous-accessories/female-male-casing-expansion-joint-components>.
- "Female Casing Expansion Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 29, 2016 from <http://www.clarkdietrich.com/products/vinyl-expansion-control-joints/female-casing-expansion-joint>.
- "Inside Corner Control Joints," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/inside-corner-control-joints>.
- "Installation Between Tees," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/acoustical-ceiling/vce-expansion-joints/installation-between-tees>.
- "Installation Between Wall & Tees," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/acoustical-ceiling/vce-expansion-joints/installation-between-wall-tees>.
- "Installation Drywall to Drywall," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/acoustical-ceiling/vce-expansion-joints/installation-drywall-dry-wall>.
- "Installation on Wall to Drywall," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/acoustical-ceiling/vce-expansion-joints/installation-on-wall-drywall>.
- "Male Casing Expansion Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 29, 2016 from <http://www.clarkdietrich.com/products/vinyl-expansion-control-joints/male-casing-expansion-joint>.
- "Mid Wall Control Joints," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/mid-wall-control-joints>.
- "Mini Control Joints," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/mini-control-joints>.
- "PB Control Joint," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/eifs-defs/eifs-control-joints/pb-control-joint>.
- "PM "F" Control Joints (w-Removable Tape 1/4" & 3/8" Finish)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/eifs-defs/eifs-control-joints/f-control-joints-w-removable-tape-14-38-finish>.
- "PM Control Joint (3/8" Finish Systems)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/eifs-defs/eifs-control-joints/pm-control-joint-38-finish-systems>.
- "PM Control Joints (Surface Application w-Removable Tape)," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/eifs-defs/eifs-control-joints/pm-control-joint-surface-application-w-removable-tape>.
- "Single V Hump Screed," Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/control-joints/single-v-hump-screed>.
- "Vinyl 093 Control Joint (VCJT)," ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/vinyl-trims-and-finishing-products/vinyl-093-control-joint-vcjt>.
- "Vinyl Control Joint W/Tape," ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/vinyl-expansion-control-joints/vinyl-control-joint-w-tape>.
- "Vinyl Control Joint," ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/vinyl-expansion-control-joints/vinyl-control-joint>.

(56)

References Cited

OTHER PUBLICATIONS

“Wide Expansion Joints (Slip Joint),” Vinyl Corp., 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/expansion-joints/wide-expansion-joints-slip-joint>.

“Zinc Control Joints,” ClarkDietrich, 2015, 1 pg. downloaded Jan. 28, 2016 from <http://www.clarkdietrich.com/products/zinc-expansion-control-joints/zinc-control-joints>.

“BackerBead™,” Vinyl Corp., 2015, 1 pg. downloaded Dec. 6, 2016 from <http://www.vinylcorp.com/products/stucco-plaster/casing-beads/backerbead%E2%84%A2>.

Design U.S. Appl. No. 29/553,901, filed Feb. 5, 2016.

Design U.S. Appl. No. 29/553,903, filed Feb. 5, 2016.

Design U.S. Appl. No. 29/553,907, filed Feb. 5, 2016.

U.S. Office Action, Non-Final, dated Feb. 8, 2017 for U.S. Appl. No. 29/553,901, 11 pgs.

U.S. Office Action, Non-Final, dated Feb. 8, 2017 for U.S. Appl. No. 29/553,903, 9 pgs.

U.S. Office Action, Non-Final, dated Feb. 9, 2017 for U.S. Appl. No. 29/553,907, 8 pgs.

* cited by examiner

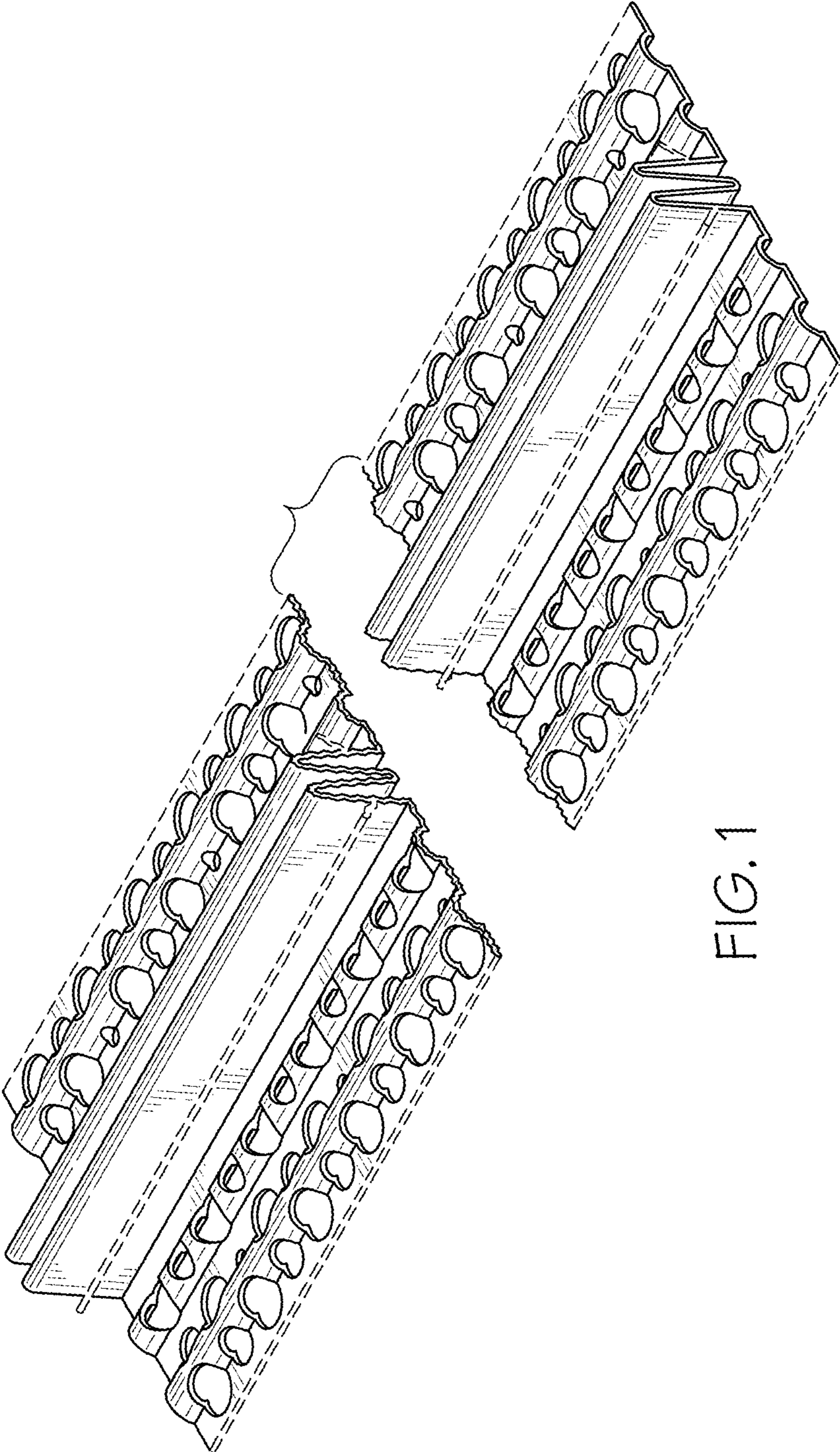


FIG. 1

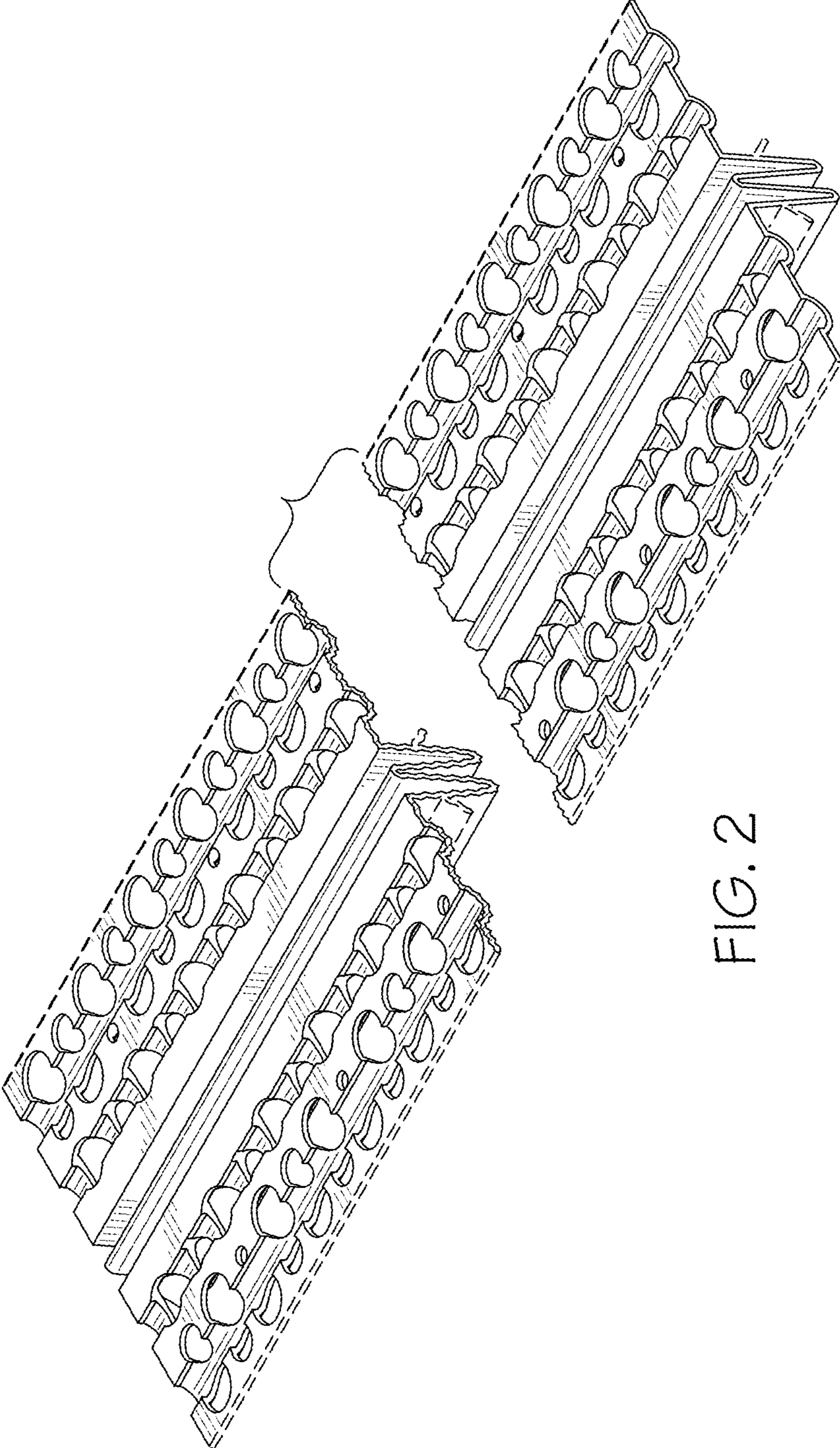


FIG. 2

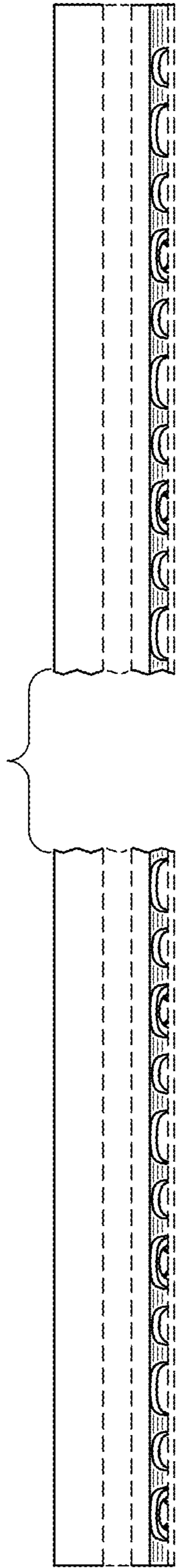


FIG. 3

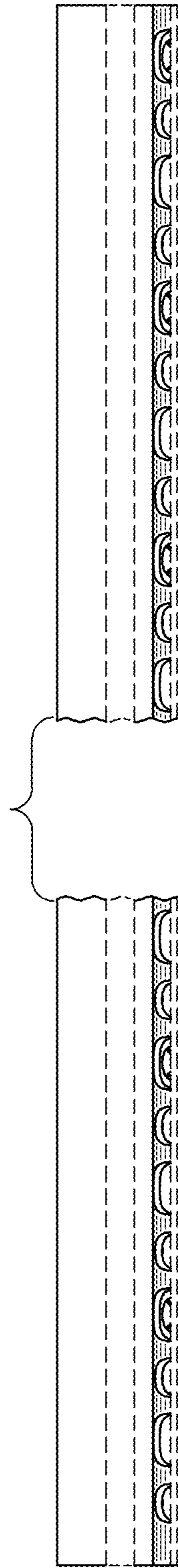


FIG. 4

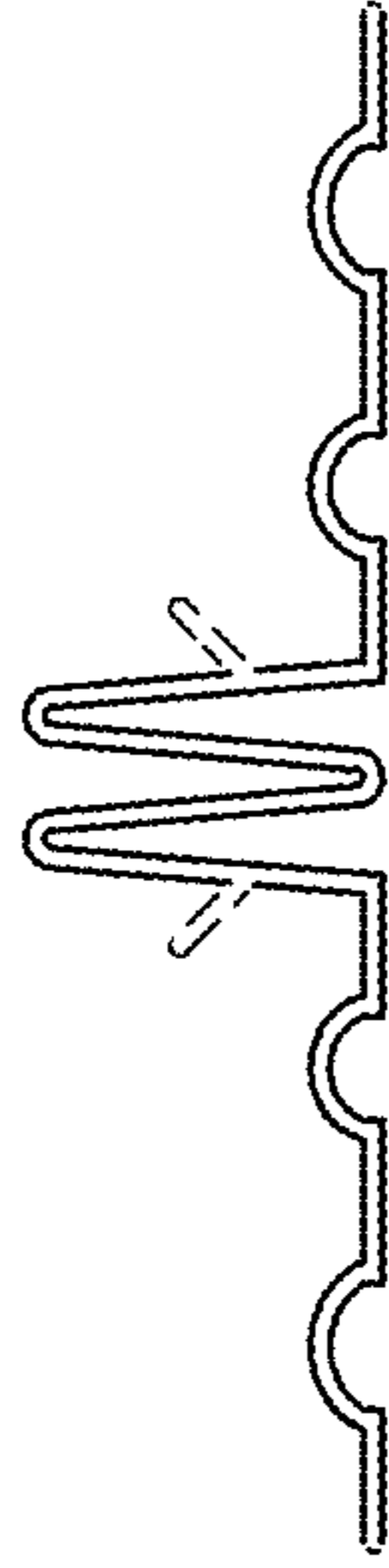


FIG. 5

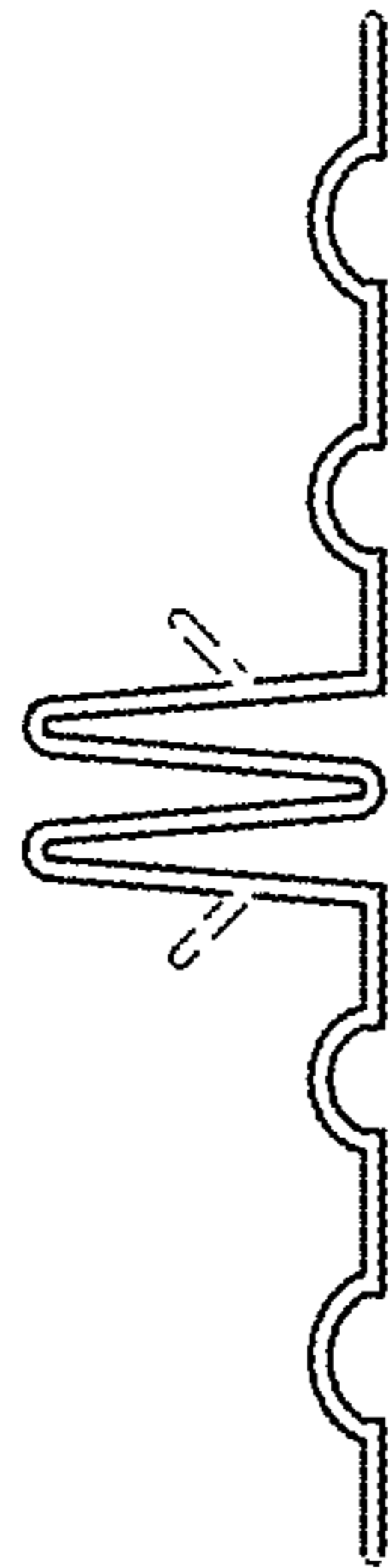


FIG. 6

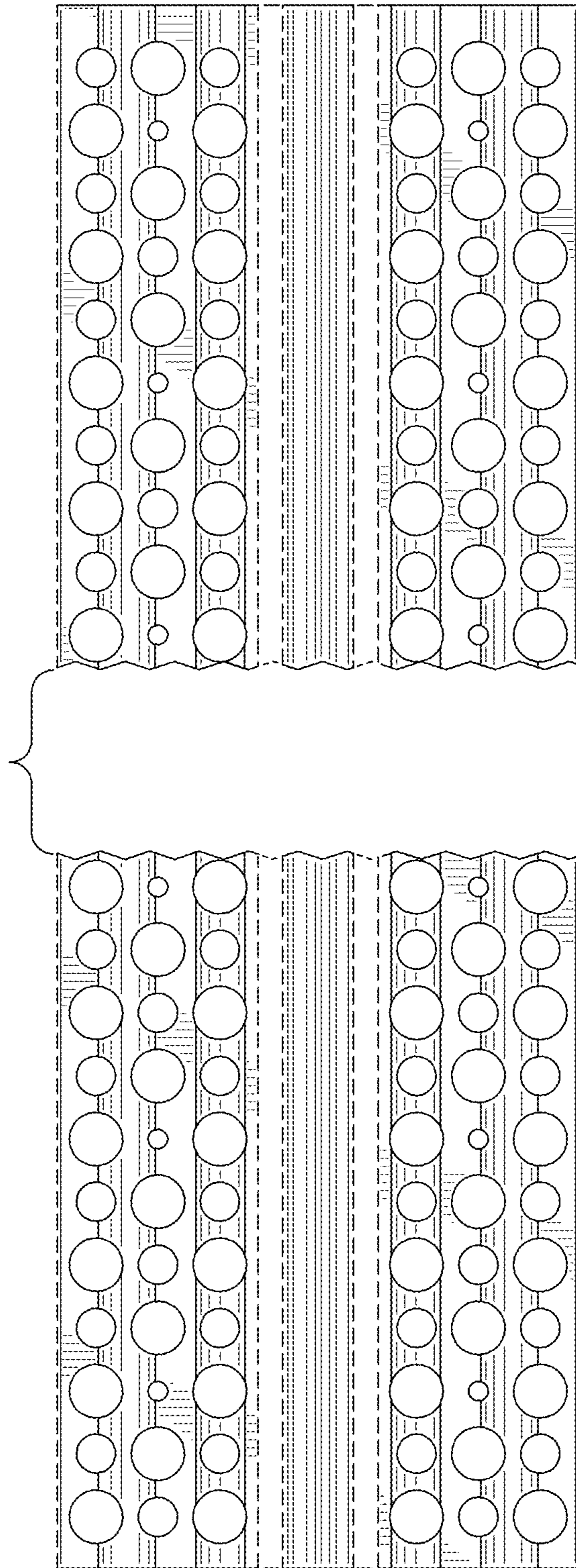


FIG. 7

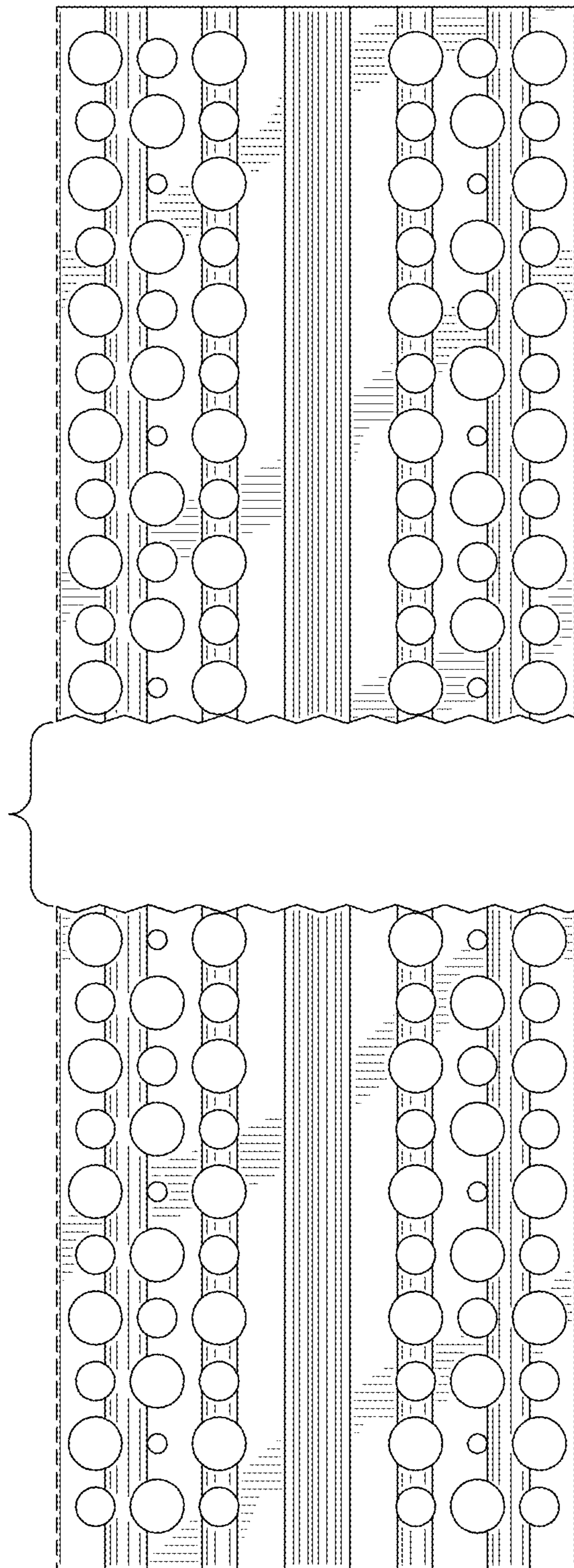


FIG. 8