

Clarke, Modet & C^o

COLOMBIA

P-2920

SUPERINTENDENCIA DE INDUSTRIA Y
DIVISION DE NUEVAS CREACIONES

E. S. D.

Ref.: Expediente No. 11.050.303
Solicitud de Patente a nombre de
REHRIG PACIFIC COMPANY

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 11-050303-00002-0000

Fecha: 2011-06-17 15:21:20 Dep: 2020 DIR NULVASCR
Tra 2 PATENTILS Lve: 1 REGDLOPOSITIO
Act 444 RESPULSIARLOUL Folios 38



No. 11-050303-00002-0000

Fecha: 2011-06-17 15:21:20 Dep: 2020 DIR NULVASCR
Tra 2 PATENTILS Lve: 1 REGDLOPOSITIO
Act 444 RESPULSIARLOUL Folios 37

Yo, DILIA MARÍA RODRÍGUEZ D'ALEMAN, identificada como aparece al pie de mi firma, domiciliada en la Carrera 11 No. 86-53, piso 6, obrando como apoderada de la sociedad **REHRIG PACIFIC COMPANY**, solicitante de la patente de la referencia, en respuesta al oficio No. 08102 notificado por fijación en lista el día 19 de mayo de 2011, atentamente me permito presentar:

1. Documentos donde consta la cesión del derecho a la patente otorgada por los inventores a favor de mi mandante.

Sobre los apartes en inglés, es importante resaltar que de conformidad con las normas legales vigentes, artículo 1 de la Resolución 210 de 2001, expedida por el Superintendente de Industria y Comercio y artículo 2 de la Convención de la Haya, el documento en inglés que se pretenda aportar como parte de los trámites de propiedad industrial ante la Superintendencia de Industria y Comercio no requieren traducción. Por otro lado, la legalización consular y/o diplomática de los documentos expedidos en el extranjero no es necesaria. Por lo tanto, los documentos anexos a este memorial son válidamente presentados en idioma inglés y con la correspondiente apostilla.

2. Copia auténtica del poder junto con el Certificado de Existencia y Representación Legal de dicha sociedad, con su respectiva traducción al español de lo pertinente.
3. Copia certificada de la solicitud número 61/327,066 presentada el 22 de abril de 2010

Espero con esto haber dado cabal cumplimiento a lo solicitado por ese despacho y de conformidad con lo indicado en los artículos 3º, inciso 3, 35 inciso 2 y 59 inciso 2 del CCA, al analizar este memorial, atentamente ruego se traten todas las cuestiones planteadas con motivo del mismo.

Señor Superintendente,

DILIA MARÍA RODRÍGUEZ D'ALEMAN
C.C. 41.654.882 de Bogotá
T.P. 20824 CSJ

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: *United States of America*

This public document

2. has been signed by T. Lawrence

3. acting in the capacity of Certifying Officer

4. bears the seal/stamp of Patent and Trademark Office

Certified

5. at Washington, D.C.

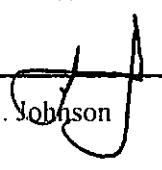
6. the twenty-sixth of May, 2011

7. by *Assistant Authentication Officer, United States Department of State*

8. No. 11032261-7

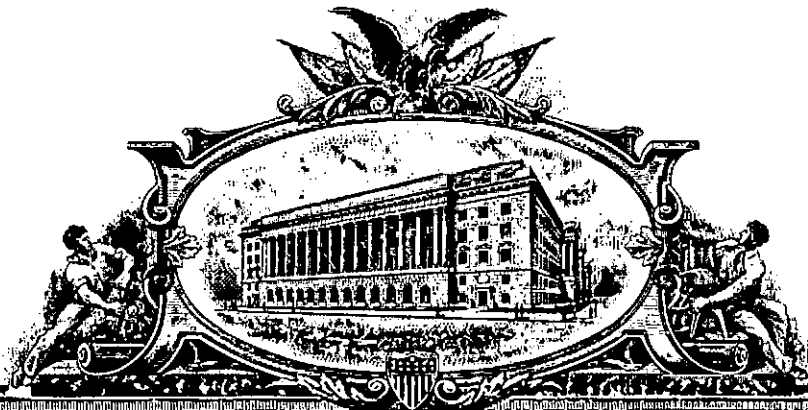
9. Seal/Stamp:

10. Signature:



Sonya N. Johnson

A 7295527



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

May 13, 2011

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
MAY 6, 2011.

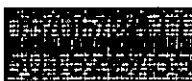
By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office

T. LAWRENCE
Certifying Officer



PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1



SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Sean T. Ogburn</td><td>05/06/2011</td></tr><tr><td>Kyle L. Baltz</td><td>05/05/2011</td></tr></tbody></table>	Name	Execution Date	Sean T. Ogburn	05/06/2011	Kyle L. Baltz	05/05/2011					
Name	Execution Date										
Sean T. Ogburn	05/06/2011										
Kyle L. Baltz	05/05/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Rehrig Pacific Company</td></tr><tr><td>Street Address:</td><td>4010 East 26th Street</td></tr><tr><td>City:</td><td>Los Angeles</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>90058</td></tr></table>	Name:	Rehrig Pacific Company	Street Address:	4010 East 26th Street	City:	Los Angeles	State/Country:	CALIFORNIA	Postal Code:	90058	
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Street Address:	4010 East 26th Street										
City:	Los Angeles										
State/Country:	CALIFORNIA										
Postal Code:	90058										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13092113</td></tr></tbody></table>	Property Type	Number	Application Number:	13092113							
Property Type	Number										
Application Number:	13092113										
CORRESPONDENCE DATA											
Fax Number: (248)988-8363 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 248-988-8360											
Email: bbeard@cgolaw.com											
Correspondent Name: Carlson Gaskey & Olds PC											
Address Line 1: 400 West Maple Road											
Address Line 2: Suite 350											
Address Line 4: Birmingham, MICHIGAN 48009											
ATTORNEY DOCKET NUMBER:	10434PUS; 67080-506PUS1										
NAME OF SUBMITTER:	John E. Carlson										
Total Attachments: 3 source=Signed_assignment#page1.tif source=Signed_assignment#page2.tif source=Signed_assignment#page3.tif											

CH. \$40.00 13092113

REEL 026236 FRAME 0101

ASSIGNMENT
(Joint Inventors)

WHEREAS, we, **Sean T. Ogburn** residing at 1573 Country Wood Drive, Hoschton, GA 30548 and **Kyle L. Baltz** residing 3242 Bostonian Drive, Rossmoor, CA, 90720 (hereinafter referred to as Assignors), have invented new and useful improvements in:

PALLET

which is described and claimed in the specification of which was filed on April 22, 2010, as United States Application Serial No. 13/092,113; and that this application claims priority to U.S. Provisional Application Serial No. 61/327,066, filed April 22, 2010.

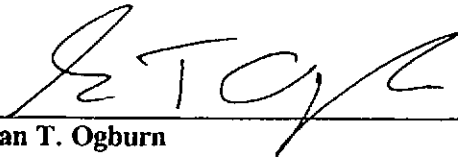
AND WHEREAS, **Rehrig Pacific Company**, (hereinafter referred to as Assignee), of **4010 East 26th Street, Los Angeles, California, 90058**, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file and prosecute foreign patent applications corresponding to said application in foreign patent offices, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignors hereby covenant and agree that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

5-6-2011

Date


Sean T. Ogburn

Date

Kyle L. Baltz

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

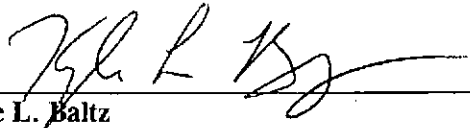
John E. Carlson
Carlson, Gaskey & Olds, P.C.
400 W. Maple, Suite 350
Birmingham, MI 48009
(248) 988-8360

REEL 026236 FRAME 0103

Date

5/5/11
Date

Sean T. Ogburn


Kyle L. Baltz

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

John E. Carlson
Carlson, Gaskey & Olds, P.C.
400 W. Maple, Suite 350
Birmingham, MI 48009
(248) 988-8360

Clarke, Modet & C^o
COLOMBIA

COLOMBIA

Carrera 11 N° 86-53 Piso 6 Bogotá Colombia Tel: (57 1) 6181088 Fax: (57 1) 6350824 Email: info@clarkemodet.com.co

PODER

Yo (nosotros), abajo firmante(s)

en mi (nuestro) carácter de representante(s) legales de

REHRIG PACIFIC COMPANY

una sociedad organizada y existente de acuerdo con las leyes de

y en actual cumplimiento de su objeto social, con domicilio en 4010 East 26th Street, Los Angeles, California 90058, Estados Unidos de América.

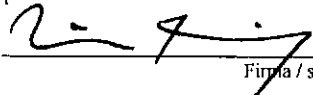
por el presente instrumento confiero (conferimos) poder especial a favor de DILIA MARIA RODRIGUEZ D'ALEMAN, con Cédula de Ciudadanía No. 41.654.882 de Bogotá, y tp. 20824 con domicilio en Bogotá, Colombia, para que actuando en su orden en nombre del (de la) otorgante le (la) representen ante cualquier entidad, autoridad y/o persona, especialmente ante las del orden Administrativo, Contencioso Administrativo, Judicial, Tribunales de Arbitramento y/o cualquier otro en lo referente a los siguientes asuntos:

- 1) Solicitar, tramitar, obtener y/o registrar cualquiera de las modalidades de Propiedad Industrial, tales como: patentes de invención, modelos de utilidad; diseños industriales, variedades vegetales; marcas, lemas, nombres y enseñanzas comerciales y denominaciones de origen; así como sus renovaciones, prórrogas, transferencias, cambios de nombre y/o domicilio, contratos y licencias.
- 2) Solicitar, tramitar, obtener y/o registrar derechos de autor, en cualquiera de sus presentaciones así como la protección de secretos industriales y know-how.
- 3) Solicitar, tramitar, obtener y/o registrar registros sanitarios, permisos y/o licencias de funcionamiento; así como sus renovaciones o prórrogas, transferencias, cambios de nombre y/o domicilio, contratos y licencias.
- 4) Ejercer acciones de oposición, observación, reclamos, reconsideración, reposición, apelación, cancelación administrativa o judicial, nulidad, protección al consumidor, concesión de licencias, protección de secretos industriales y demás acciones y recursos relacionados con derechos derivados de los asuntos arriba indicados y en contra de la competencia desleal, acciones derivadas de la obtención o explotación de licencias, acciones de indemnización de perjuicios. También podrá(n) intervenir en juicios civiles, comerciales, penales, contencioso-administrativos, tutelas y de policía; en acciones o juicios promovidos por el (la) mandante o en contra el (ella).
- 5) Registrar nombres de dominio ante la entidad competente.
- 6) En el ejercicio de este mandato los mandatarios arriba mencionados quedan facultados para: conciliar, cancelar, transigir, comprometer en árbitros, desistir, recibir y tomar posesión de la cosa objeto de litigio y renunciar o desistir a derechos concedidos o en curso de concesión, admitir los hechos del proceso.
- 7) Ratificar o no la agencia oficiosa.
- 8) Así mismo faculto (facultamos) a los mencionados apoderados para recibir notificaciones y designar apoderados judiciales o extrajudiciales, sustituir el presente poder y revocar las sustituciones que hicieren.

Dado y firmado en

a los 16

días de May 2011



Firma / signature

POWER OF ATTORNEY

I (we), the undersigned

legal representative(s) of

REHRIG PACIFIC COMPANY

an organization existing under the laws of

and in present execution of its business activity, domiciled at 4010 East 26th Street, Los Angeles, California 90058, United States of America.

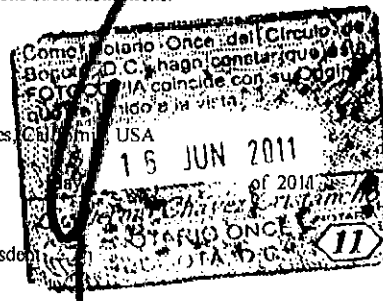
do hereby grant POWER OF ATTORNEY to DILIA MARIA RODRIGUEZ D'ALEMAN, identification card No. 41.654.882 of Bogotá, and tp. 20824 residing in Bogotá Colombia, to act in the order of their appointment in behalf of grantor before any entity, authority and/or natural or juridical person, specially before those Administrative, Administrative-Contentious, Judicial, arbitration courts, and/or any other, in all matters concerning the following:

- 1) To apply, process, obtain and/or register any of the modalities of Industrial Property, such as: Patents of Invention, Utility Models; Designs, plant varieties; Marks, Slogans, Trade Names and emblems and appellations of Origin; as well as their renewals, assignments, changes of name and/or domicile, agreements and licenses.
- 2) To apply, process, obtain and/or register copyrights of any kind as well as protection of industrial secrets or know-how.
- 3) To apply, process, obtain and/or register sanitary registrations, operating authorizations and/or licenses; as well as their renewals or assignments, changes of name and/or domicile, agreements and licenses.
- 4) To bring actions of opposition, observations, claims, reconsideration, appeal or legal remedies, cancellations, nullity, protection to the consumer, granting of licenses, protection of trade secrets and other actions related with rights derived from the above-mentioned matters and against the unfair competition, actions resulting from the obtaining or exploitation of licenses, recovering damages actions. They can also intervene or participate in Civil, Commercial, Criminal or Contentious-Administrative Trials; the actions for writ mandamus, police actions; in actions, lawsuits or litigations instituted by the grantor or against him.
- 5) To register domain names before the competent entity.
- 6) To the effect of this mandate the above-named proxy are empowered to: conciliate, cancel, settle, submit to arbitration, withdraw and to receive and take possession of the litigation related object and waive or renounce the rights granted or in process of granting, admit the facts of the case.
- 7) To ratify or not the officious agency.
- 8) I (we) hereby appoint the afore mentioned attorneys with powers to receive notifications and to designate judicial and extrajudicial attorneys, substitute this Power of Attorney and to revoke such substitutions.

Granted and signed at Los Angeles, California, USA

on this 16 day of

William J. Rehrig, Preisdent



State of California

SECRETARY OF STATE

This Apostille only certifies the authenticity of the signature and the title of the public official who has signed the public document, and, where appropriate, the identity of the seal or stamp which the public document bears. This Apostille does not certify the authenticity of the underlying document for which it was issued. This Apostille is not valid for use anywhere within the United States of America, its territories or possessions. To verify the issuance of this Apostille, go to www.sos.ca.gov/business/notary/apostille-search/

APOSTILLE

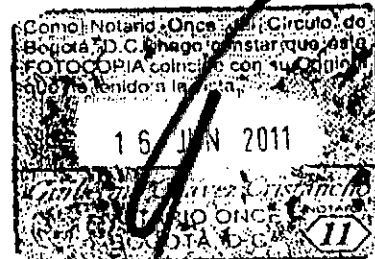
(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America
This public document
2. has been signed by Susan M. Richart
3. acting in the capacity of Notary Public, State of California
4. bears the seal/stamp of Susan M. Richart, Notary Public, State of California
5. At Sacramento, California
6. the 23rd day of May 2011
7. by Deputy Secretary of State, State of California
8. No. 965119
9. Seal/Stamp:

CERTIFIED



10. Signature



Jana Bowen
Secretary of State

BY

P. Johnson



CERTIFICADO NOTARIAL
(Cuando el solicitante es SOCIEDAD)

A los 16 días del mes de May,
de 2011, el Notario que suscribe DA FE de que:

1. William J. Rehrig
(nombre de la persona que firma el poder)

mayor de edad y domiciliado Los Angeles, California, USA
firmó de su puño
y letra el documento que antecede.

2. Conoce al (a) otorgante y que este (a) está legalmente capacitado para el otorgamiento.
3. El otorgante ha firmado el referido documento en su carácter de President
de la persona jurídica REHRIG PACIFIC COMPANY

4. La citada persona jurídica con sede en 4010 East 26th Street, Los Angeles, California 90058, Estados Unidos de América., está legalmente constituida, que tiene actualmente existencia legal y que el acto para el cual se ha otorgado este poder está comprendido entre los que constituyen su objeto social.
5. El otorgante tiene efectivamente la representación que ostenta, que es legítima y que está facultado para otorgar este poder.
6. Las anteriores certificaciones de los puntos 3, 4 y 5, me constan porque he tenido a la vista los documentos auténticos.

Notario Público

NOTA: A continuación de lo anterior, el Cónsul de Colombia debe autenticar la firma del Notario Público.

CERTIFICADO NOTARIAL (Cuando el solicitante es INDIVIDUO)

A los días del mes de
el Notario que suscribe DA FE de que:

1. William J. Rehrig
(nombre de la persona que firma el poder)

mayor de edad y domiciliado en Los Angeles, California, USA
firmó en su presencia
el documento que antecede, conoce al otorgante y que este está legalmente capacitado para el otorgamiento.

Notario Público

NOTA: A continuación de lo anterior, el Cónsul de Colombia debe autenticar la firma del Notario Público.

Para todos los demás países el Señor Cónsul de Colombia o ante quien se otorgue, debe expedir una certificación dejando constancia 1) de la existencia legal de la sociedad, 2) de que esta ejerce actualmente su objeto social, y 3) de que la persona o personas que otorgan el poder están facultadas para hacerlo, dejando constancia así mismo de que tuvo a la vista las pruebas que acrediten tales circunstancias.

**LEGALIZACIÓN POR EL CONSUL DE COLOMBIA
O POR APOSTILLA**

NOTARIAL CERTIFICATE
(When the applicant is a CORPORATION)

This 16 day of May, 2011
the undersigned Notary CERTIFIES that:

1. William J. Rehrig
(name of the person who signs the power of attorney)

of legal age and domiciled in Los Angeles, California USA set his hand on the foregoing document.

2. The grantor is to him personally known and that he/she has legal capacity to execute the document.
3. The grantor has executed the foregoing document in his capacity of President
of the juridical person REHRIG PACIFIC COMPANY

4. The mentioned juridical person with place of business in 4010 East 26th Street, Los Angeles, California 90058, United States of America., is duly organized, has actual legal existence and that the purposes for which the power of attorney is granted are within the scope of its corporate purposes.
5. The grantor has in fact the referred quality and that his/her representation is legal and that he/she is empowered to grant this power of attorney.
6. I have based the above certifications 3, 4 and 5, on the authentic documents which for such purpose were exhibited to me.

Notary Public

NOTA: Then the Colombian Consul must legalize the signature of the Notary Public.

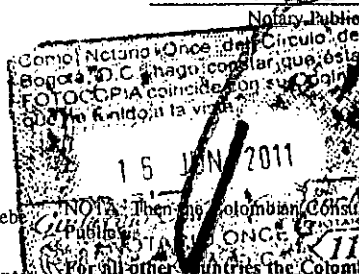
NOTARIAL CERTIFICATE (When the applicant is an INDIVIDUALS)

On this 16 day of May, 2011
the undersigned Notary CERTIFIES that:

1. William J. Rehrig
(name of the person who signs the Power of Attorney)

of legal age and domiciled at Los Angeles, California USA
signed in his presence the foregoing document, the grantor is to him personally known and that he/she has legal capacity to execute the document.

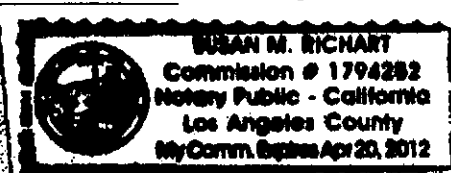
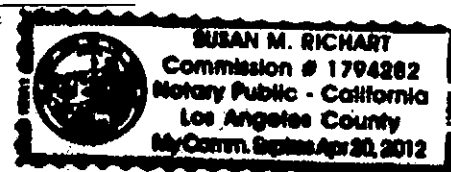
Notary Public



NOTA: Then the Colombian Consul must legalize the signature of the Notary Public.

For all other countries the Colombian Consul or before who it is granted must issue a certification stating 1) the legal existence of the corporation, 2) that the corporate purposes are actually being accomplished, 3) that the person or persons who grant this Power of Attorney are empowered to do it. The Consul will certify also that the documents evidencing those circumstances were exhibited to him.

LEGALIZATION BY THE COLOMBIAN CONSUL OR BY APOSTILLE.



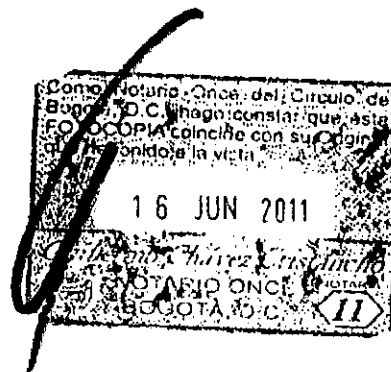
STATE OF CALIFORNIA

Traducción oficial de un documento que está originalmente en inglés

La certificación notarial adjunta al Poder de REHRIG PACIFIC COMPANY a favor de DILIA MARIA RODRIGUEZ D'ALEMAN, firmada el 16 de mayo de 2011, lleva los siguientes sellos:

"Susan M. Richart. Nombramiento #1794282. Notario Público de California, Condado de Los Angeles. Mi nombramiento vence el 20 de abril de 2012"

Apostilla adjunta:




Traductor Oficial
JORGE E. SIERRA REYES
Licencia 376 - 1993 Minjusticia

Traducción oficial de un documento que está originalmente en inglés

Estado de California
Secretario de Estado

Esta Apostilla solamente certifica la autenticidad de la firma y cargo del funcionario oficial del documento público y, donde sea necesario, la identidad del sello o estampilla que lleva con el documento público.

Esta Apostilla no certifica la autenticidad del documento para el cual se expidió.

Esta Apostilla no es válida para usarse dentro de los Estados Unidos de América, sus territorios o posesiones.

Para verificar la expedición de esta Apostilla, vaya a www.sos.ca.gov/business/notary/apostille-search/.

APOSTILLA:

(Convention de La Haye du 5 octobre 1961)

1. País: Estados Unidos de América

El presente documento público

2. Ha sido firmado por: Susan M. Richart

3. Actuando en calidad de: Notario Público, Estado de California

4. Lleva el sello/estampilla de: Susan M. Richart, Notario Público Estado de California.

Certificado

5. En: Sacramento, California

6. El: Día 23 de mayo de 2011

7. Por: El Subsecretario de Estado, Estado de California.

8. Bajo el No.: 965119

9. Sello / estampilla: Gran sello del Estado de California
Sello redondo: "Oficina del Secretario de Estado".

10. Firma: Debra Bowen, Secretaria de Estado.
Por: (Firmado)

Certificación:

Certifico que la presente es una traducción auténtica y completa del inglés al español del documento adjunto, la cual he elaborado según mi leal saber y entender.

Documento: "Sellos - Apostilla California"

Fecha: 10 de junio de 2011.

Traductor: Jorge Enrique Sierra Reyes (Sello y firma digital debidamente registrados en el artículo 91 del Código de Comercio de Colombia)

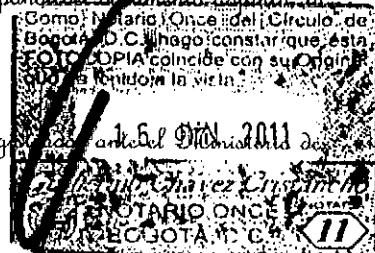
Licencia # 376 de 1993, expedida por el Ministerio de Justicia.

Dirección: Carrera 15 # 99-13 Of. 411, Bogotá, D.C.

Teléfonos: (571) 218 2308, (571) 623 2925.

E-mail: traseser1@guahua.com

Traducción # 16-339



Traductor Oficial
JORGE E. SIERRA REYES
Licencia 376 - 1993 Minjusticia

PA 1841504

THE UNITED STATES OF AMERICA**TO ALL TO WHOM THESE PRESENTS SHALL COME:****UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**

May 10, 2011

THIS IS TO CERTIFY THAT ANNEXED HERETO IS A TRUE COPY FROM
THE RECORDS OF THE UNITED STATES PATENT AND TRADEMARK
OFFICE OF THOSE PAPERS OF THE BELOW IDENTIFIED PATENT
APPLICATION THAT MET THE REQUIREMENTS TO BE GRANTED A
FILING DATE UNDER 35 USC 111.

APPLICATION NUMBER: 61/327,066

FILING DATE: *April 22, 2010*

THE COUNTRY CODE AND NUMBER OF YOUR PRIORITY
APPLICATION, TO BE USED FOR FILING ABROAD UNDER THE PARIS
CONVENTION, IS *US61/327,066*

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office


E. BORNETT
Certifying Officer

Electronic Acknowledgement Receipt

EFS ID:	7472400
Application Number:	61327066
International Application Number:	
Confirmation Number:	1218
Title of Invention:	PALLET
First Named Inventor/Applicant Name:	Sean T Ogburn
Customer Number:	26096
Filer:	John E. Carlson
Filer Authorized By:	
Attorney Docket Number:	67080-506PRV; 10434PRV
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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Provisional Cover Sheet (SB16)	10434PRV_Provisional_Cover_Sheet.pdf	679952 83780b207229c29e1f5842f61dd680cb04d5d883	no	3

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2	Specification	10434application.pdf	72901 38b30a61e7a71449a6e31bf1c1c377a2ea13a812	no	4
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Warnings:**Information:**

3	Drawings-only black and white line drawings	10434PRV_Informal_Drawings.pdf	2047803 97be71ee47bb0826f6e602fb735d21d40c72d171	no	16
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4	Fee Worksheet (PTO-875)	fee-info.pdf	29275 9a1b012702041dd039d1db8ead490c55088e0189	no	2
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Doc Code: **TR.PROV**

Document Description: Provisional Cover Sheet (SB16)

PTO/SB/16 (04-07)

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Provisional Application for Patent Cover Sheet

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c)

Inventor(s)

Inventor 1

Given Name	Middle Name	Family Name	City	State	Country
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Given Name	Middle Name	Family Name	City	State	Country
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All Inventors Must Be Listed – Additional Inventor Information blocks may be generated within this form by selecting the **Add** button.

Title of Invention

PALLET

Attorney Docket Number (if applicable)

10434 PRV; 67080-506 PRV

Correspondence Address

Direct all correspondence to (select one):

☒ The address corresponding to Customer Number ☐ Firm or Individual Name

Customer Number

26096

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

☒ No.

☐ Yes, the name of the U.S. Government agency and the Government contract number are:

Entity Status

Applicant claims small entity status under 37 CFR 1.27

☐ Yes, applicant qualifies for small entity status under 37 CFR 1.27☒ No**Warning**

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Signature

Please see 37 CFR 1.4(d) for the form of the signature.

Signature	/John E. Carlson/			Date (YYYY-MM-DD)	2010-04-22
First Name	John E.	Last Name	Carlson	Registration Number (If appropriate)	37794

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 - A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PALLET

DETAILED DESCRIPTION

[0001] A pallet 10 according to one embodiment of the invention is shown in Figure 1. The pallet 10 generally includes an upper portion 12 having an upper deck 14 and columns 20 extending downwardly from the upper deck 14. The pallet 10 further includes a lower portion 18 having runners 22 extending between the columns 20.

[0002] Figure 2 is a perspective view of the lower portion 18. As shown, the lower portion 18 includes a plurality of inner column portions 21 extending upwardly between the runners 22. The inner column portions 21 and runners 22 in this embodiment are all integrally molded as a single piece. Each inner column portion 21 includes a plurality of upward projections 26 about the periphery of the upper edge of the inner column portion 21. The projections 26 are offset inwardly from the periphery of the inner column portion 21 to form a shoulder 28 around the periphery of the upper edge of the inner column portion 21.

[0003] As shown in Figure 3, reinforcement bars 30 may optionally be provided. The projections 26 on each inner column portion 21 are spaced apart to provide channels in which the reinforcement bars 30 can be received. The reinforcement bars 30 can be metal, steel, aluminum, or composite polymers, such as fiberglass reinforced polymers. The reinforcement bars 30 rest on the inner column portions 21 between the projections 26.

[0004] Figure 4 is a perspective view of the upper portion 12. As shown, each column 20 includes a plurality of optional tabs 32 projecting downwardly from the lower most edge of each column 20.

[0005] Figure 5 is an exploded view of the pallet 10 showing the relative relationships of the upper portion 12, lower portion 18 and reinforcement bars 30 therebetween.

[0006] Figure 6 is a bottom perspective view of the lower portion 18.

[0007] Figure 7 is a bottom perspective view of the upper portion 12. The bottom of the deck 14 is provided with a plurality of intersecting ribs for reinforcement. For example, lateral and longitudinal ribs extend between each adjacent pair of columns 20 and diagonal ribs extend between each diagonally opposed pair of columns 20. However, around the periphery of the deck 14 is a resilient section 34 including a plurality of ribs 36 arranged in a honeycomb pattern. Thus, while the lateral, longitudinal and diagonal ribs between the columns 20 provide stiffness to the deck 14, the resilient section 34 around the outer periphery of the deck 14 permits the periphery of the deck 14 to flex in response to impacts along the periphery of the deck 14, substantially in a direction parallel to the plane of the deck 14.

[0008] As can also be seen in Figure 7, the columns 20 each include gaps or channels 38 therethrough for accommodating the reinforcement bars 30 (Figure 5).

[0009] Figure 8 is another bottom perspective view of the upper portion 12.

[0010] Figure 8A is an enlarged view of one of the columns 20 of Figure 8. Within each of the columns 20 is a plurality of ribs 40 between the walls of the columns 20. Further, a plurality of cantilevered latches 42 project downwardly within the column 20.

[0011] Figure 8B is a section view through half of the center column of the pallet 10. When assembled, the inner column portions 21 of the lower portion 18 are received within the columns 20 of the upper portion 12. Portions of the ribs 40 of the upper portion 12 abut the shoulder 28 of the inner column portion 21. The latches 42 projecting downwardly within the column 20 snap-fit under the projections 26 of the inner column portion 21 to thereby secure the upper portion 12 to the lower portion 18. Further, the tabs 32 at the lower edges of the columns 20 are received within slots formed on a lower shoulder 46 of the inner column portions 21. A tapered portion 48 leads away from the lower shoulder 46 to the runner 22. In this manner, the pallet 10 is provided with significantly reinforced columns 20, which are reinforced by the inner column portions 21. This reinforcement protects the columns 20 in the event of impact, such as by the tines of a fork-lift.

[0012] Figure 9 is a top view of the upper portion 12 and upper deck 14.

[0013] Figure 10 is a bottom view of the upper portion 12.

[0014] Figure 11 is a top view of the lower portion 18.

[0015] Figure 12 is a bottom view of the lower portion 18.

[0016] Figure 13 is a bottom view of the pallet 10 including the lower portion 18 and upper portion 12.

[0017] Figure 14 is a side view of the pallet 10.

[0018] Figure 15 is an end view of the pallet 10.

[0019] In accordance with the provisions of the patent statutes and jurisprudence, exemplary configurations described above are considered to represent a preferred embodiment of

Docket No. 10434 PRV;
67080-506 PRV

the invention. However, it should be noted that the invention can be practiced otherwise than as specifically illustrated and described without departing from its spirit or scope.

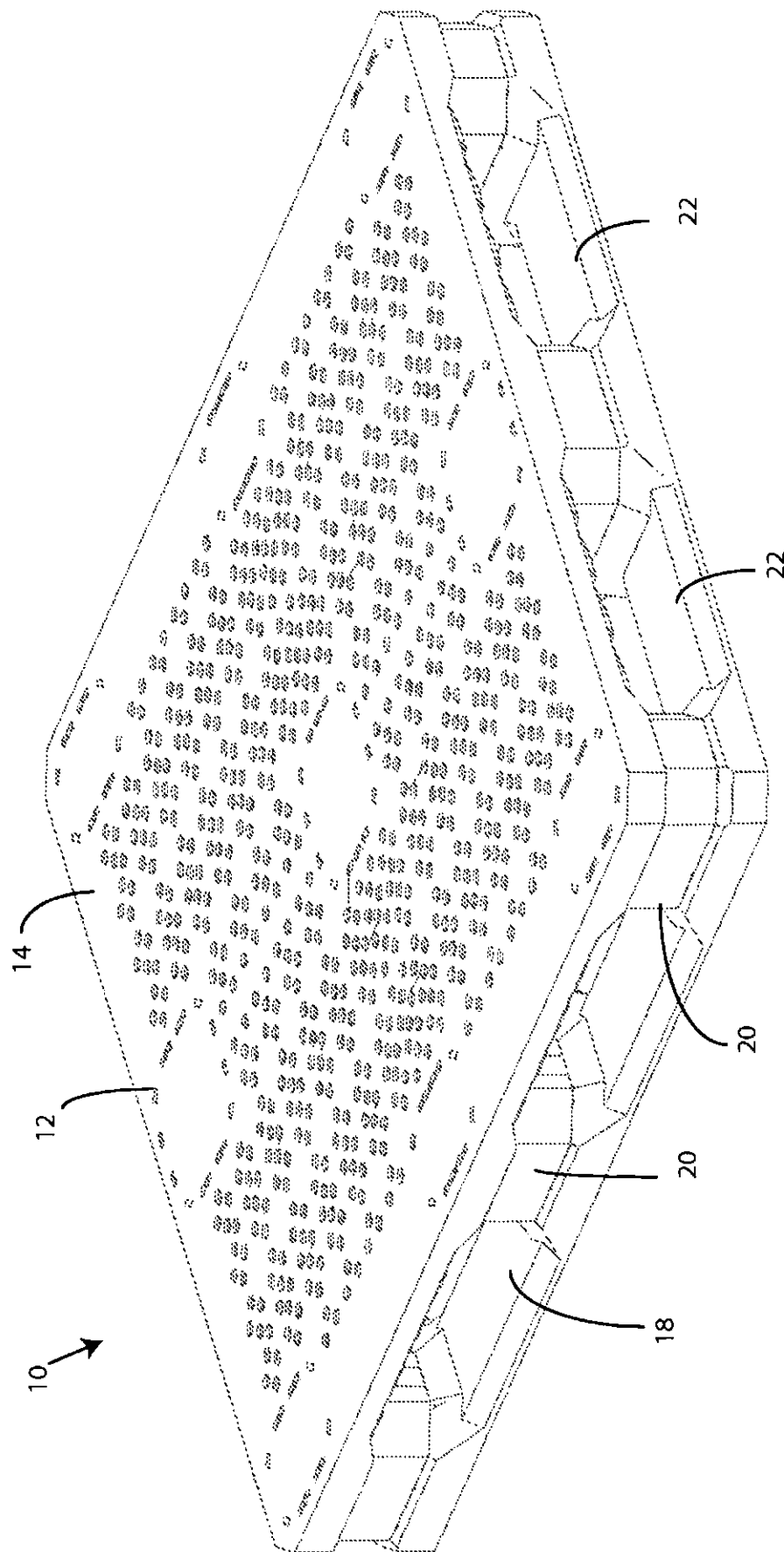


FIGURE 1

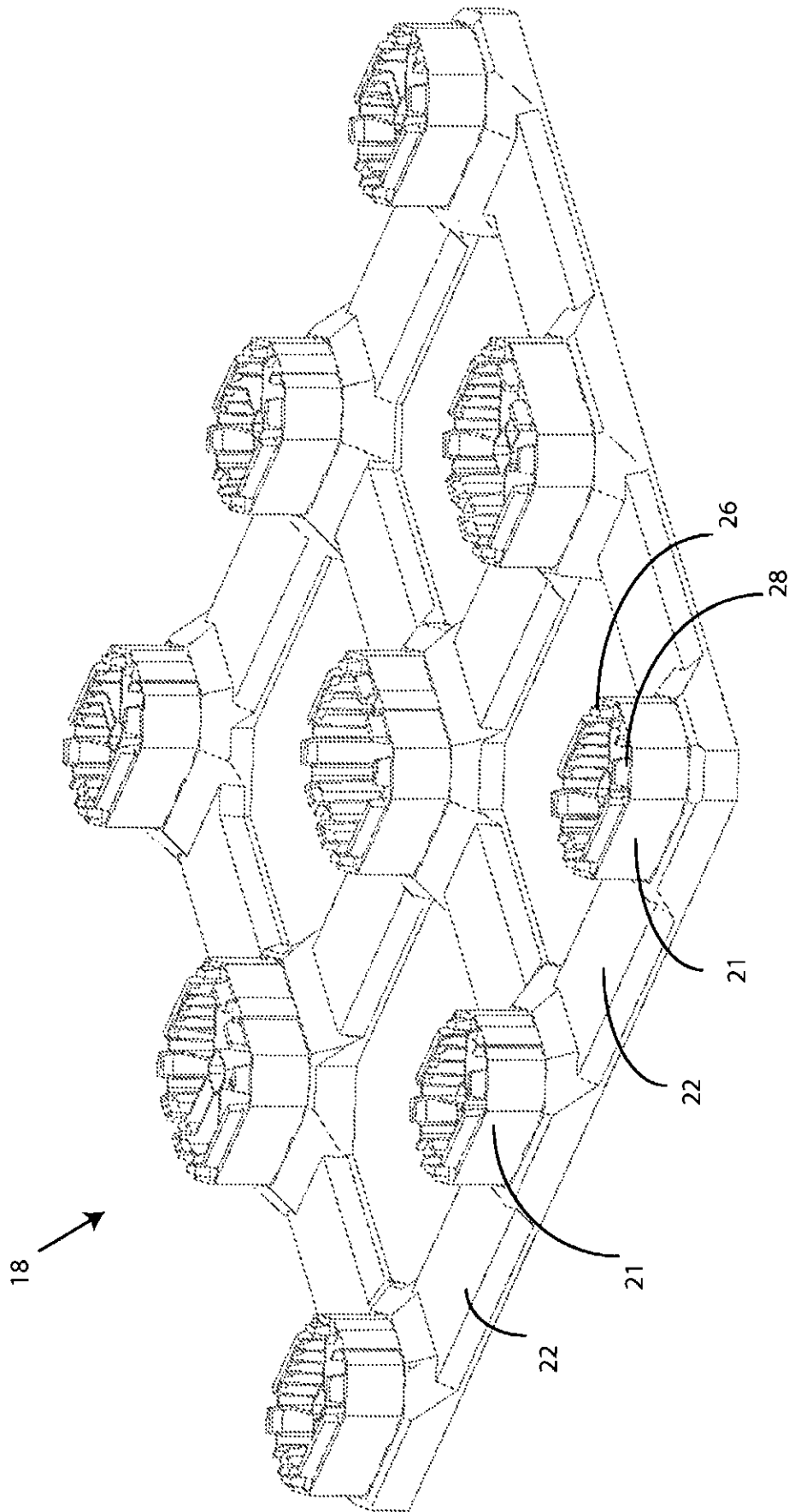


FIGURE 2

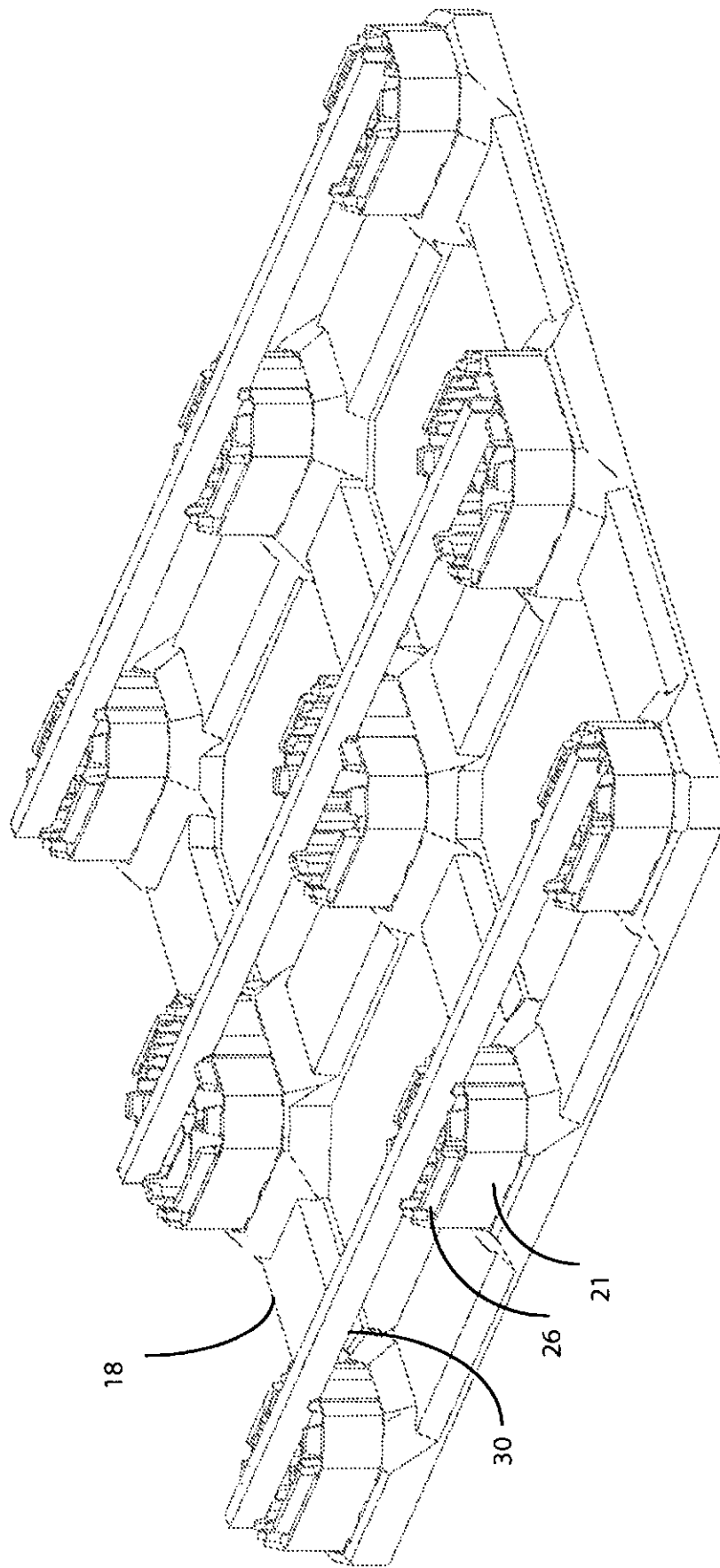


FIGURE 3

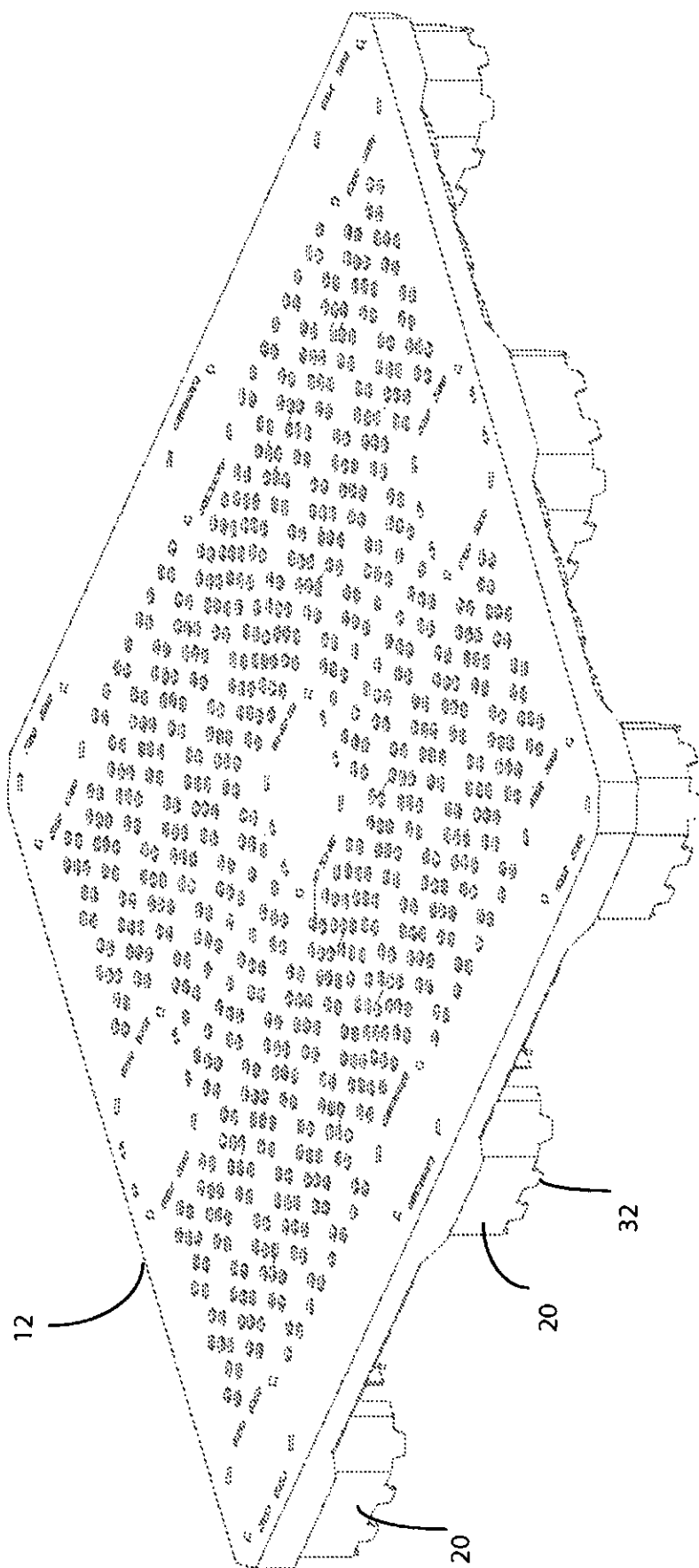


FIGURE 4

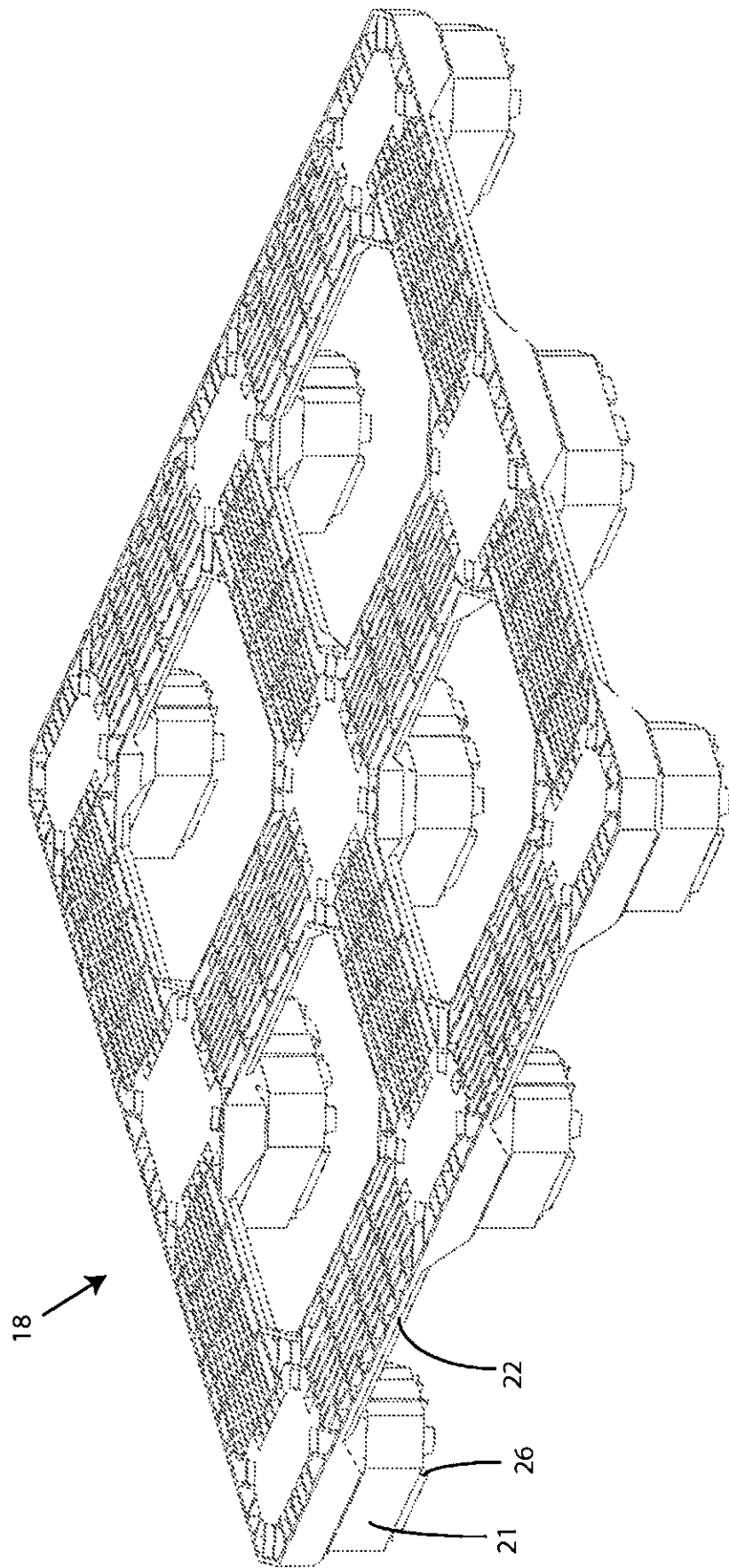


FIGURE 6

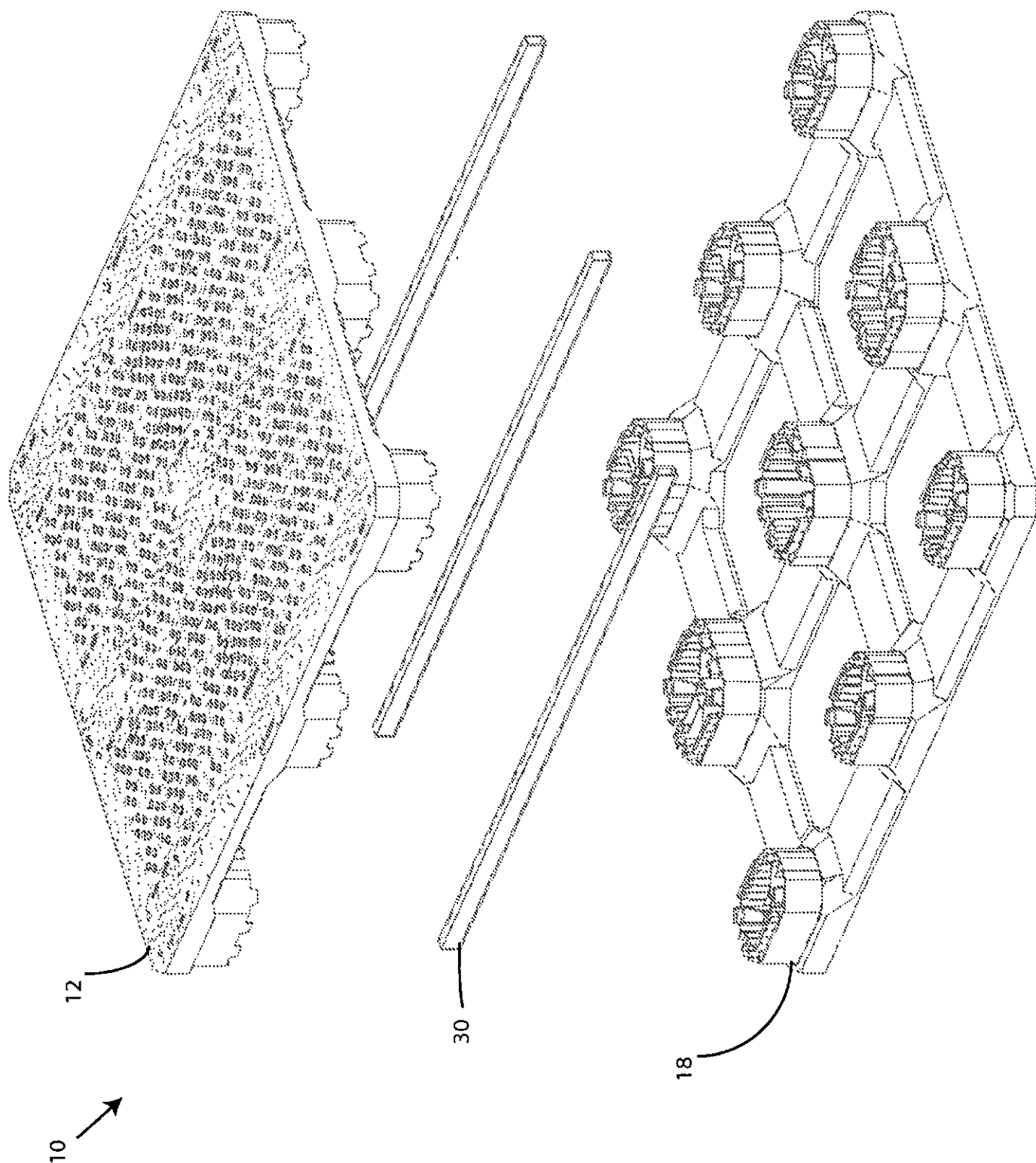


FIGURE 5

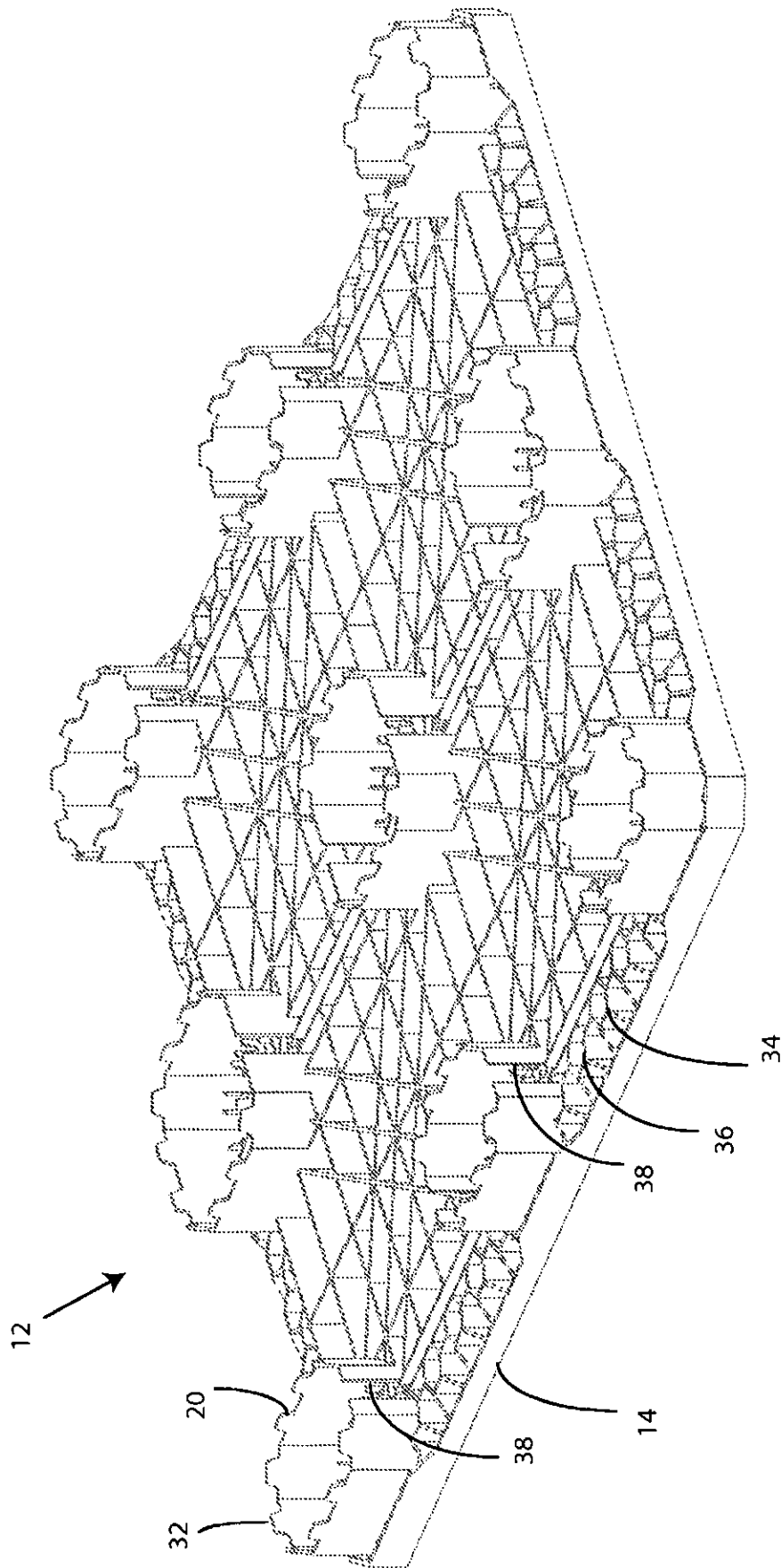
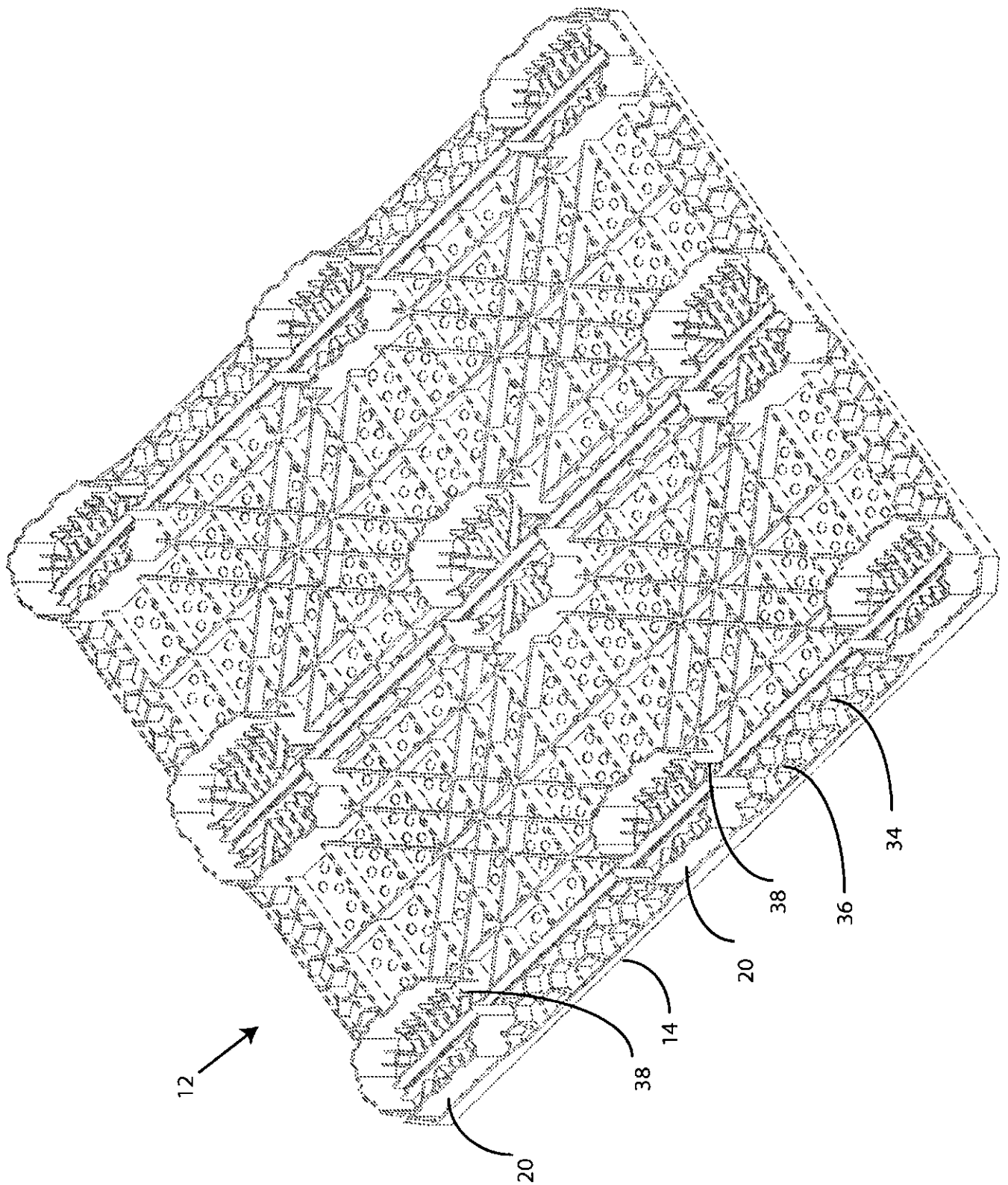


FIGURE 7



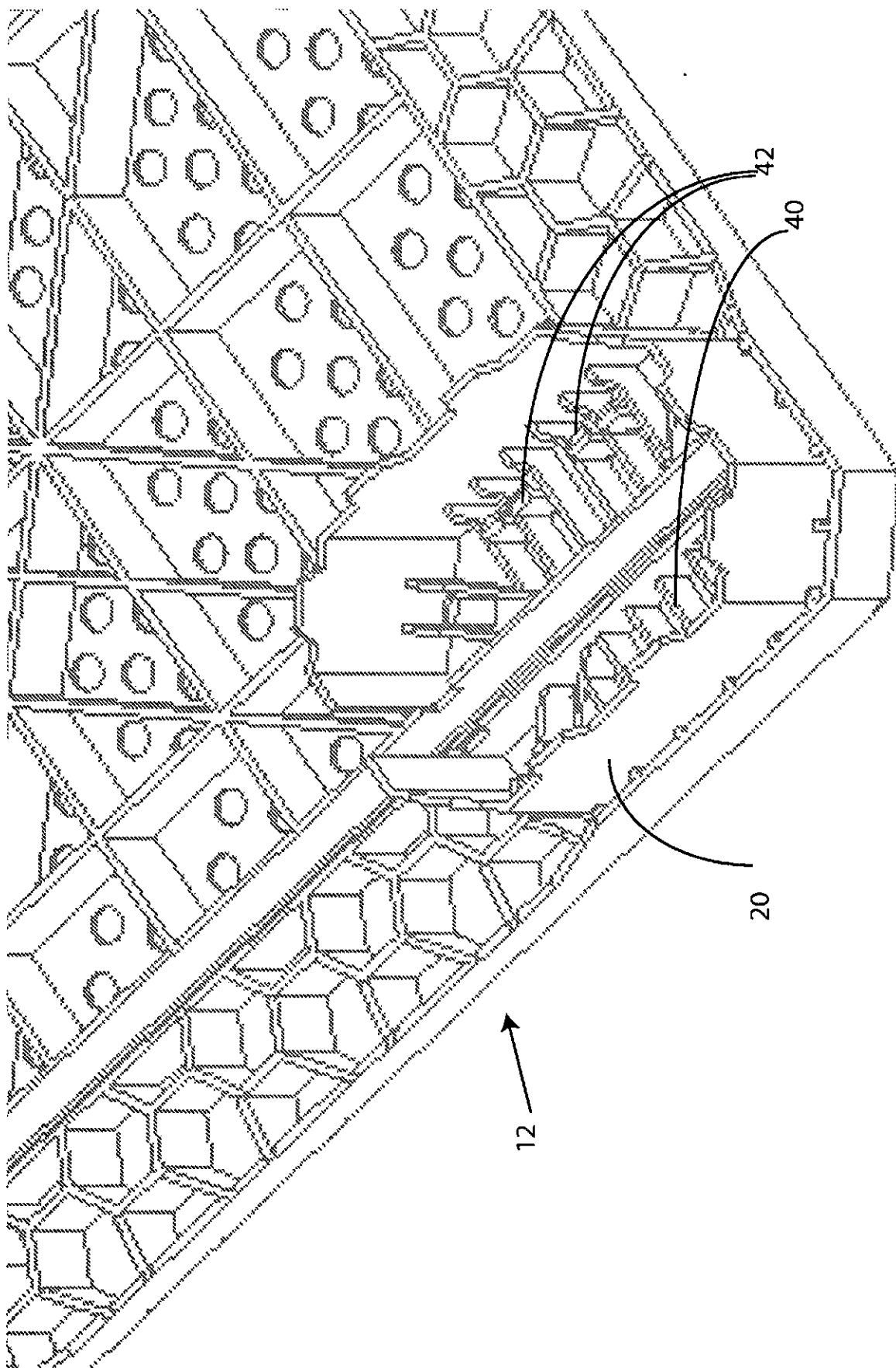


FIGURE 8A

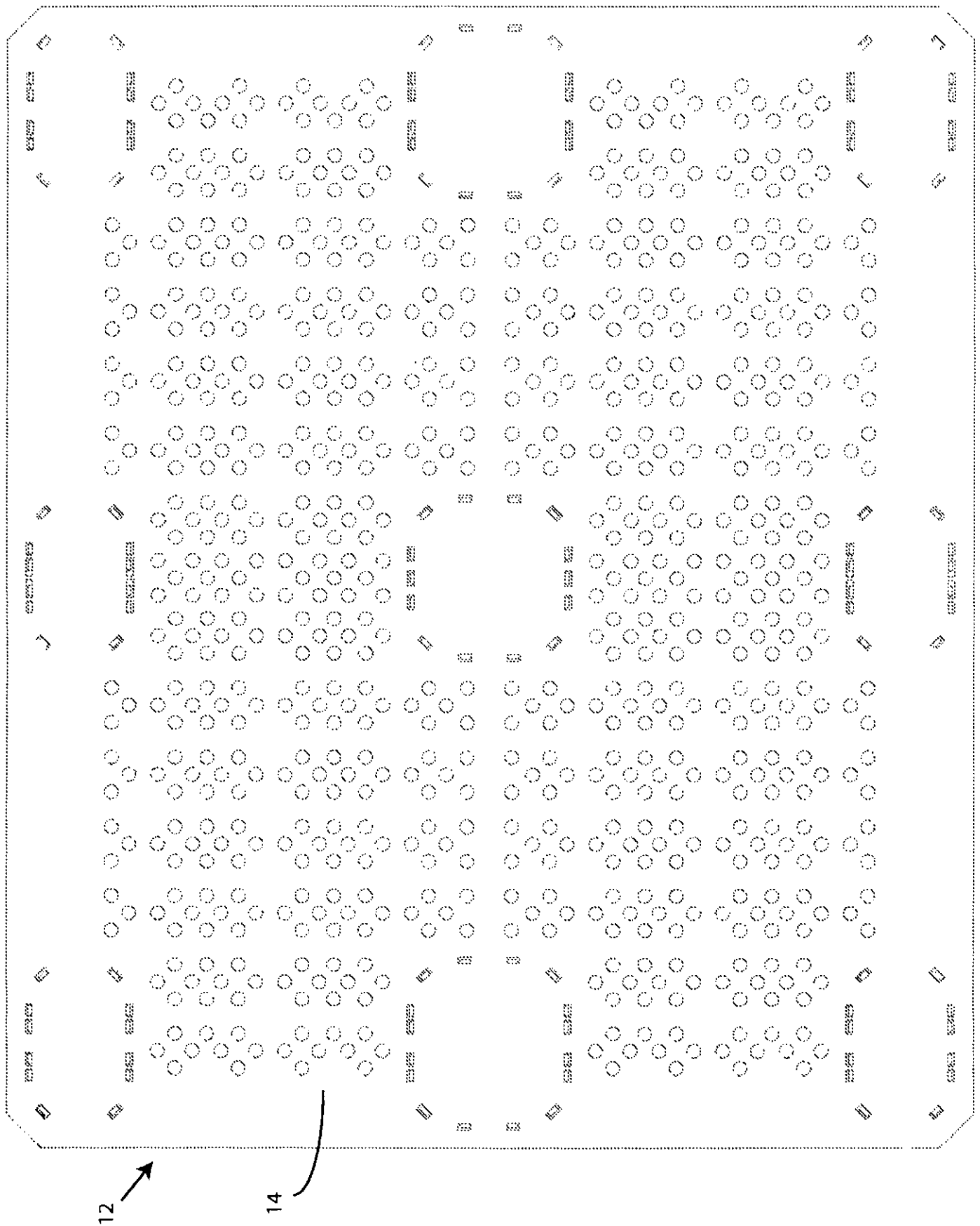
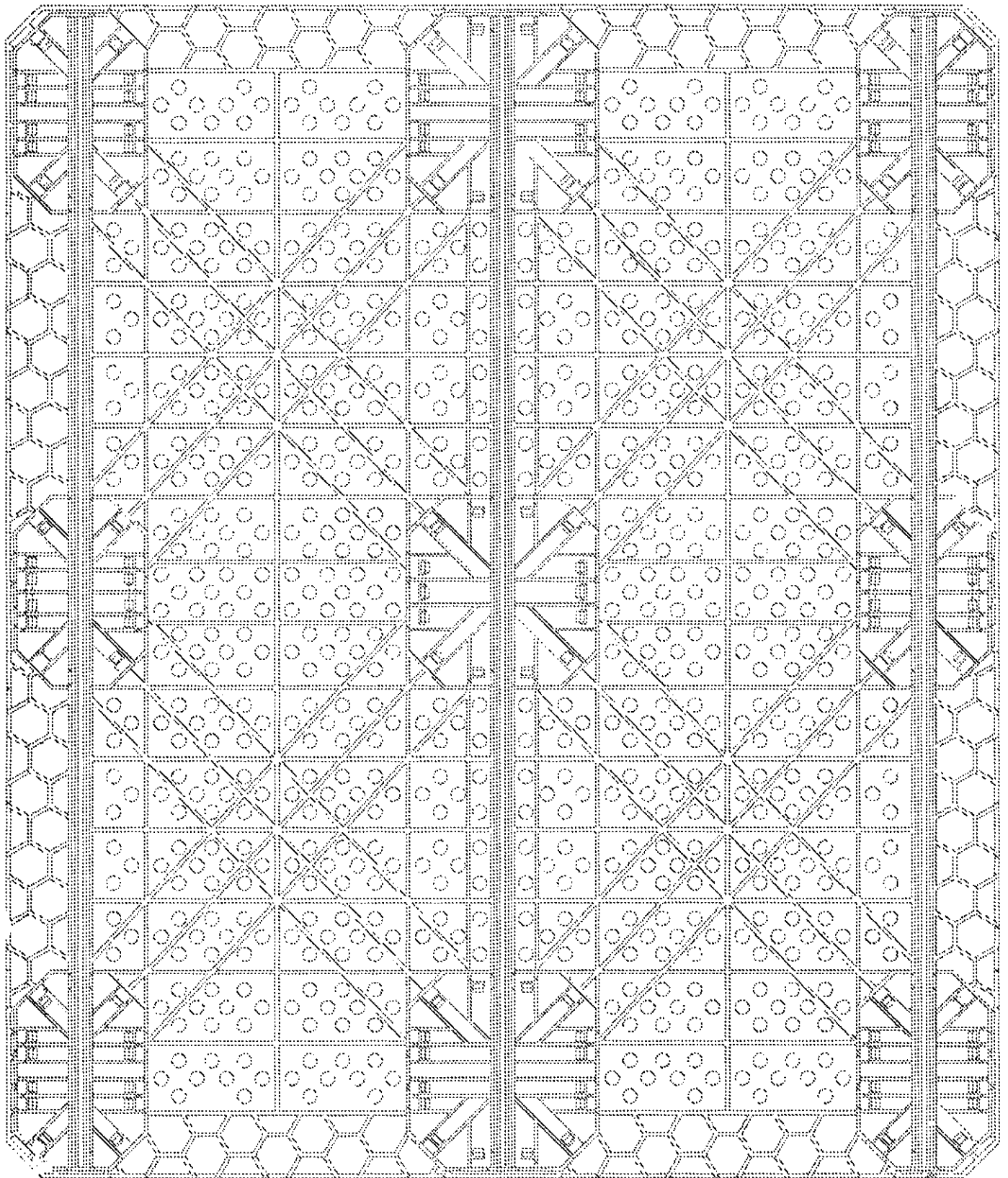


FIGURE 9



12

FIGURE 10

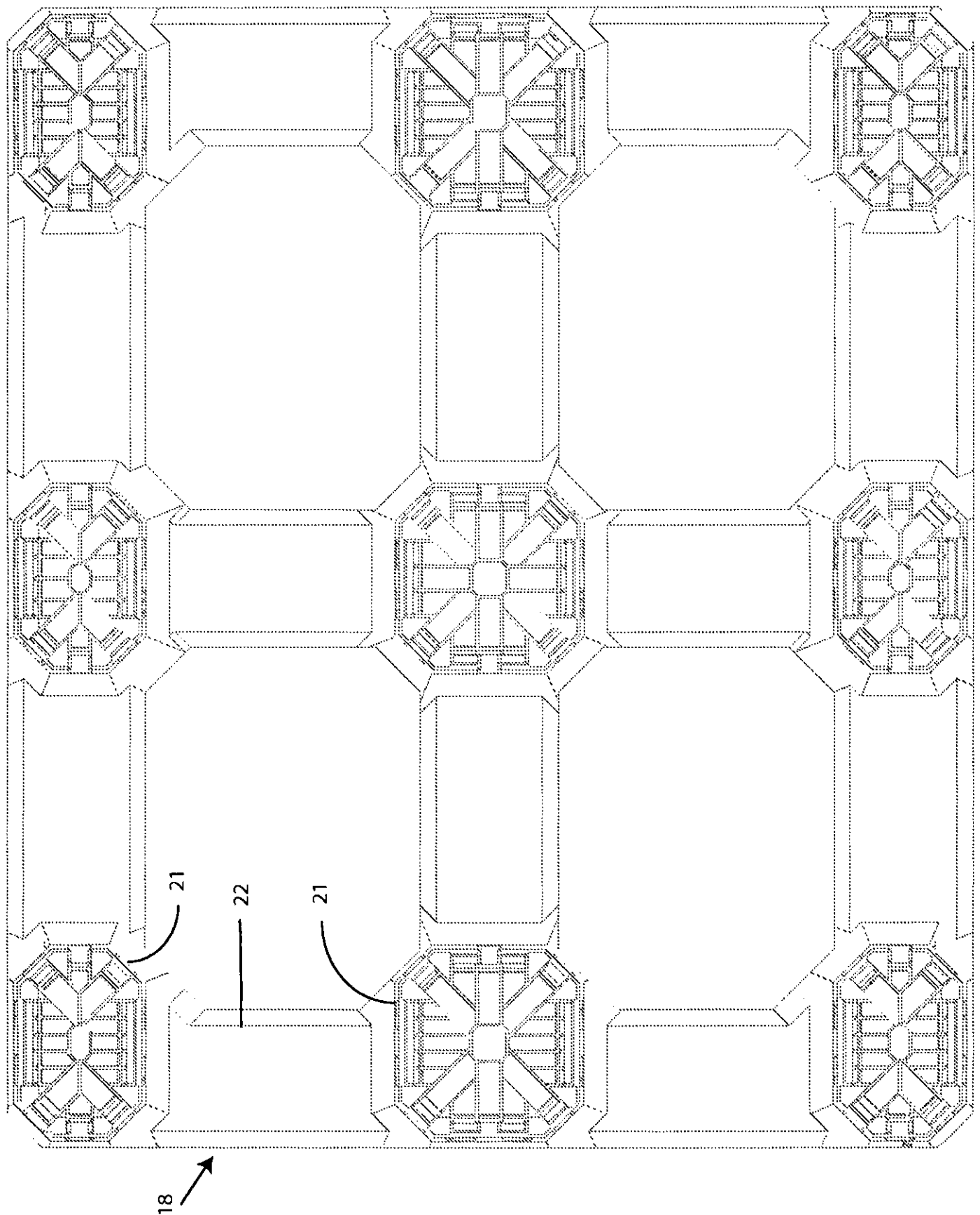
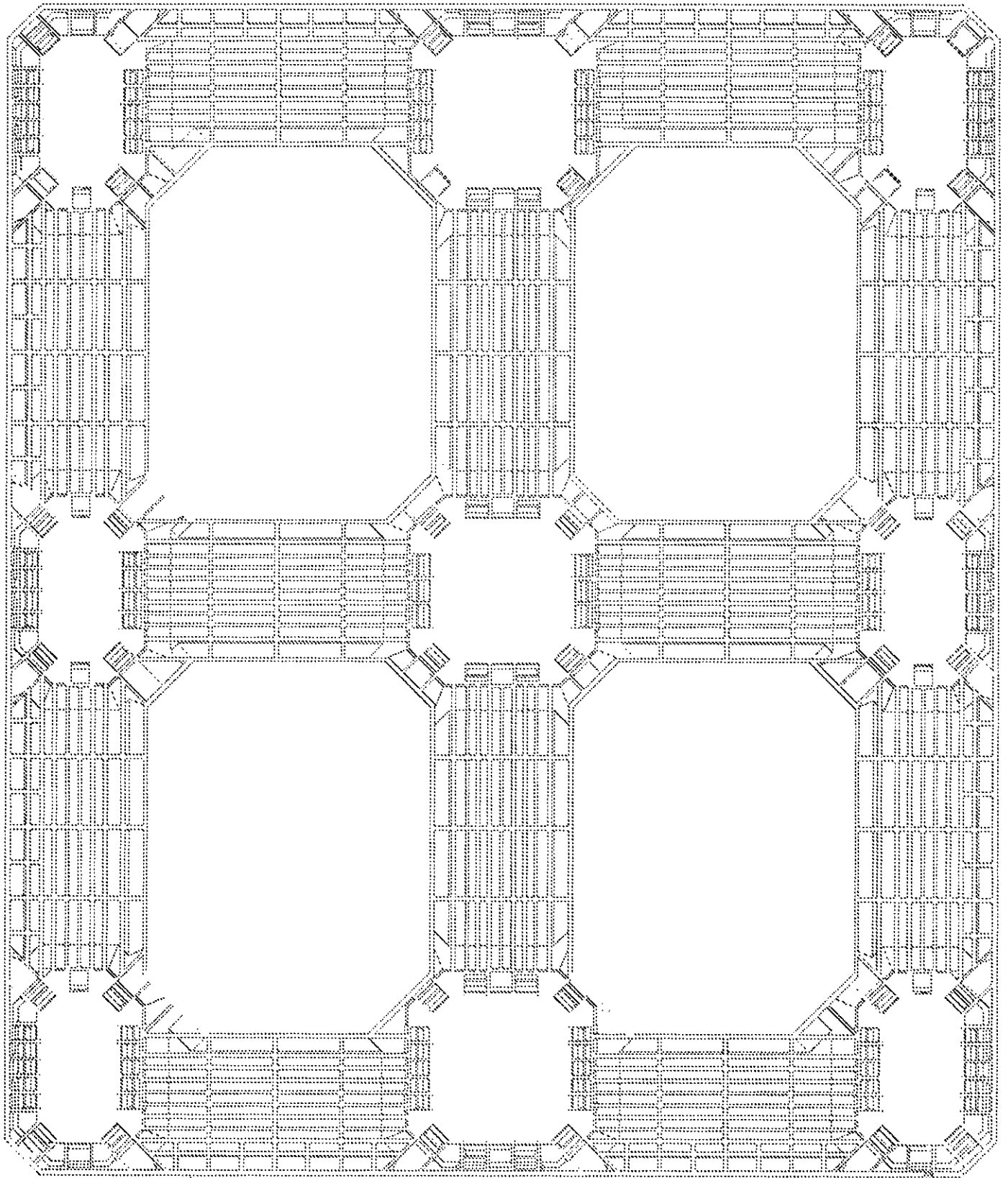
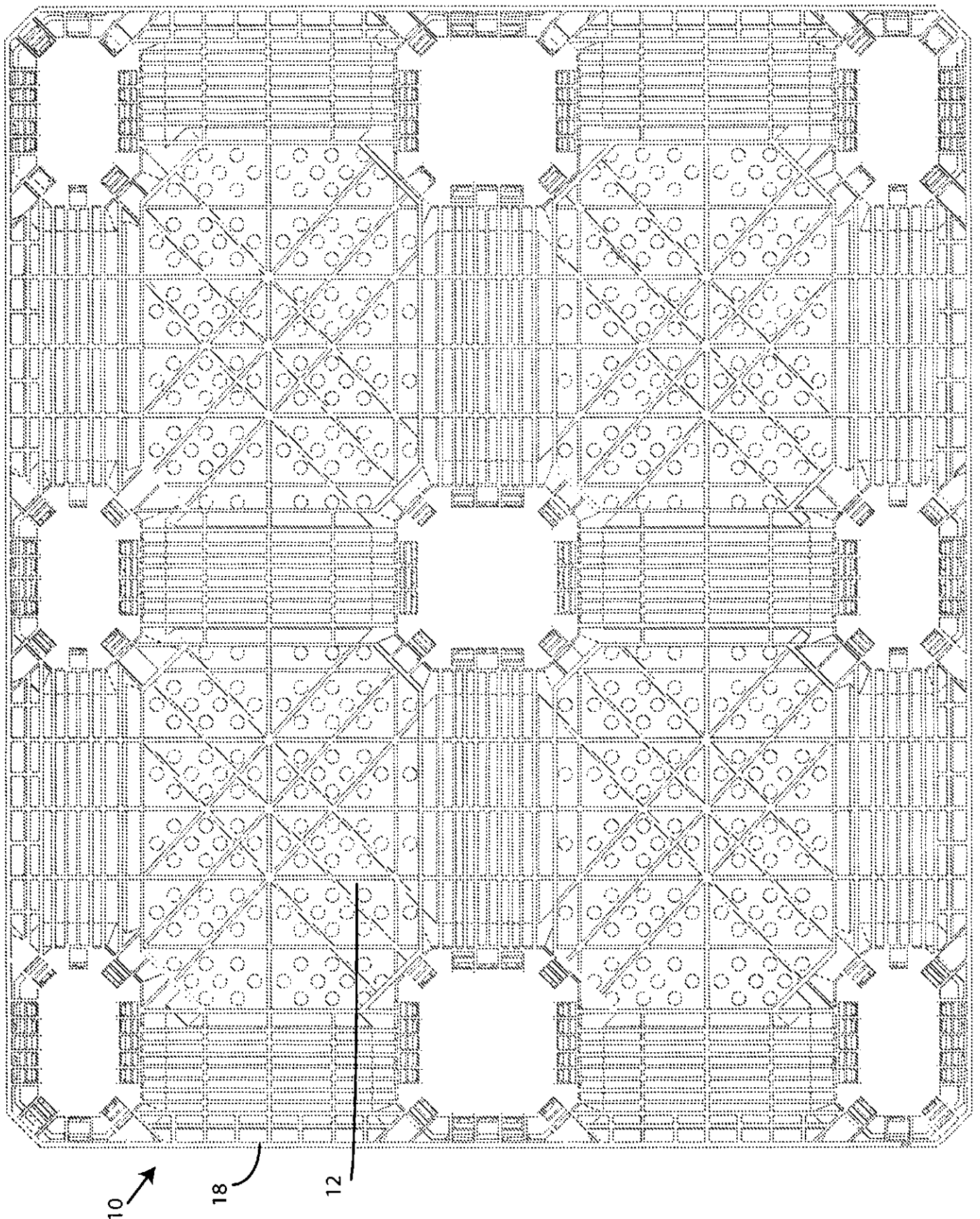


FIGURE 11



18

FIGURE 12



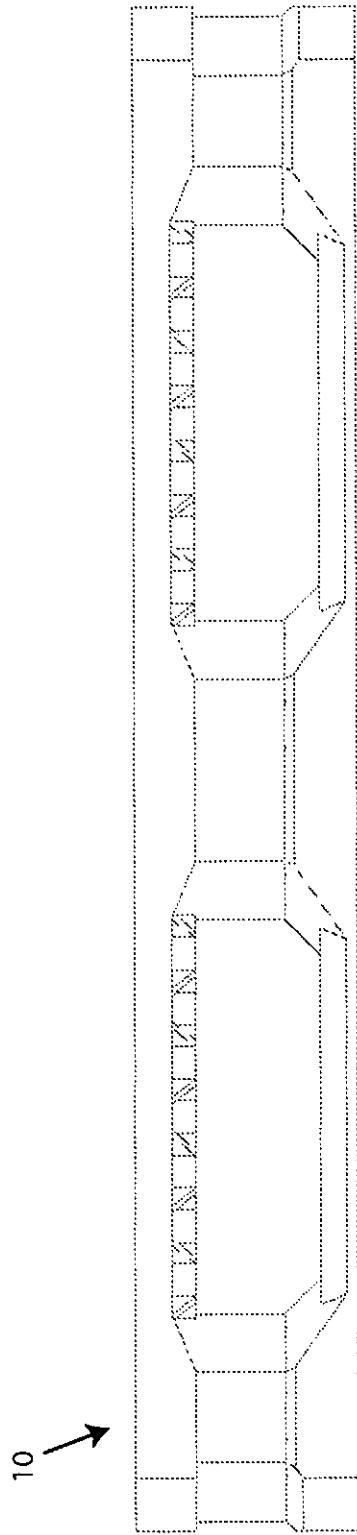


FIGURE 15

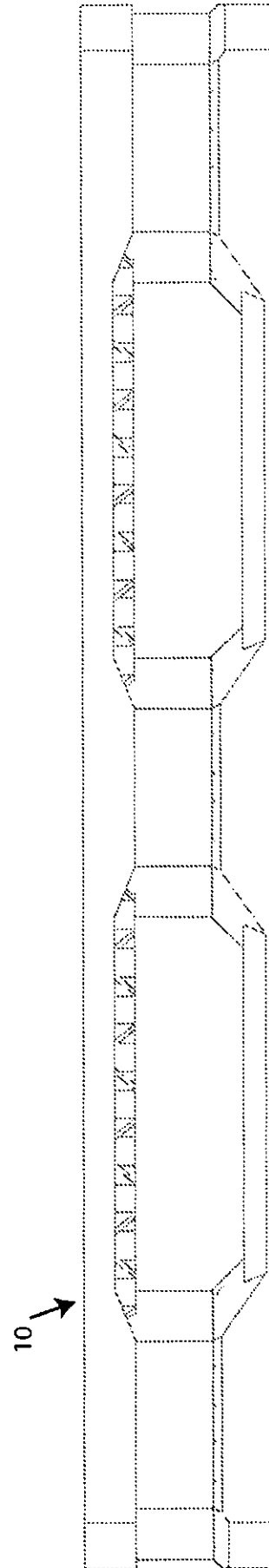


FIGURE 14