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(12) **United States Design Patent**
**Rossborough, Jr.**

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(54) **LIGHT EMITTING DISPLAY MODULE WITH DIFFUSELY REFLECTIVE FACADE**

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

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(52) **U.S. Cl.**
USPC ..... **D26/1**; D26/113; D13/180

(58) **Field of Classification Search**
USPC ..... D26/1, 24, 27, 72, 74, 85, 88, 113, 118, D26/119, 120, 121, 122; D13/180; D20/10, 19
CPC ..... F21S 2/00; F21S 2/005; F21S 4/00; F21S 6/00; F21S 8/00; F21S 8/02; F21S 8/026; F21S 8/03; F21S 8/04; F21S 8/06; F21S 8/08; F21S 10/00; F21V 5/00; F21V 5/004; F21V 5/007; F21V 7/0083; F21Y 2103/00; F21Y 2103/20; F21Y 2105/00; F21Y 2105/12; F21Y 2105/14; F21Y 2105/16; F21Y 2115/10; H05B 45/50; H05B 45/52; H05B 45/54
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|---|---|---|---|---|
| D388,123 | S * | 12/1997 | Sukumoda | D20/10 |
| 5,747,928 | A | 5/1998 | Shanks et al. | |
| 6,332,690 | B1 | 12/2001 | Murifushi | |
| 6,819,045 | B2 | 11/2004 | Okita et al. | |
| D503,745 | S * | 4/2005 | Yasuoka | D20/10 |
| D506,510 | S * | 6/2005 | Yasuoka | D20/10 |
| D510,956 | S * | 10/2005 | Yasuoka | D20/10 |
| 6,974,971 | B2 | 12/2005 | Young | |
| D539,943 | S * | 4/2007 | Egawa | D26/24 |
| 7,242,398 | B2 | 7/2007 | Nathan et al. | |
| 7,304,697 | B2 * | 12/2007 | You | G02F 1/133603 349/69 |

(Continued)

OTHER PUBLICATIONS

NanoLumens Touts Three Years by David Haynes, Mar. 26, 2014, Sixteen-Nine, site visited Jan. 6, 2022, url: https://www.sixteen-nine.net/2014/03/26/nanolumens-touts-years-making-america/ (Year: 2014).*

(Continued)

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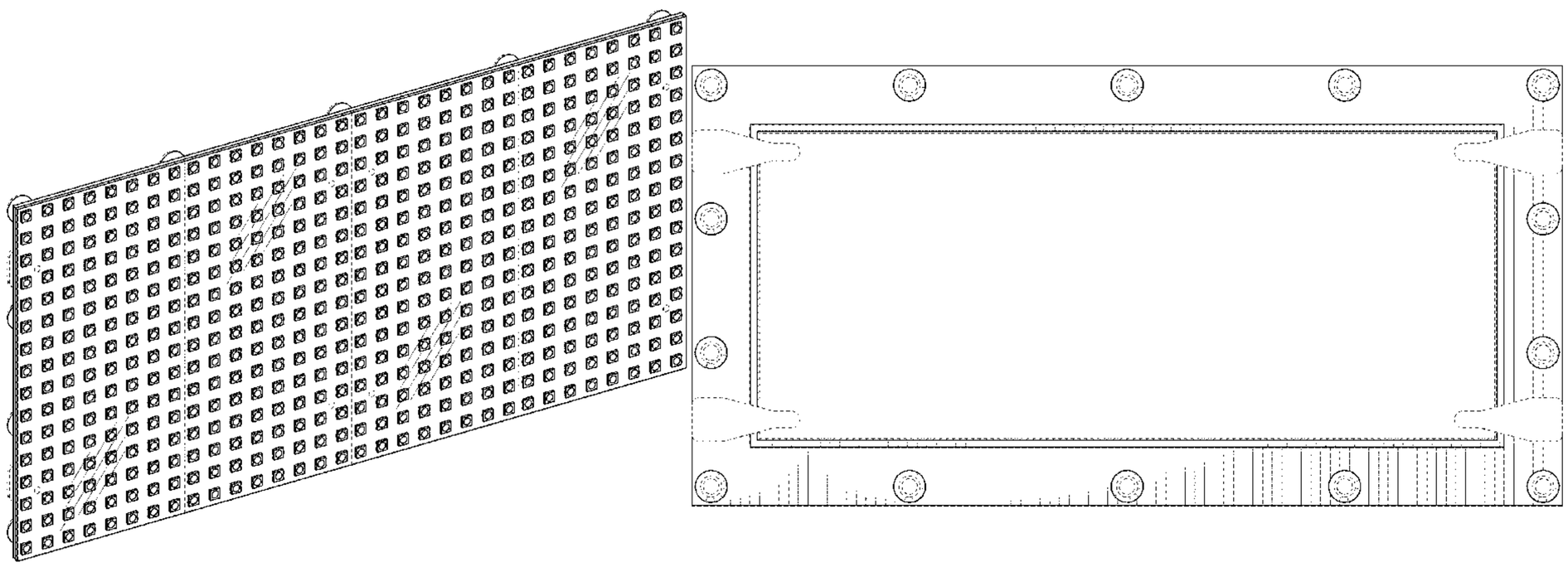
(57) **CLAIM**

The ornamental design for a light emitting display module with diffusely reflective facade, as shown and described.

**DESCRIPTION**

FIG. **1** is a perspective view of a light emitting display module with diffusely reflective facade showing the design, oblique lines on the front view indicating a reflective surface;
FIG. **2** is a front elevation view thereof;
FIG. **3** is a back elevation view thereof;
FIG. **4** is a left elevation view thereof;
FIG. **5** is a right elevation view thereof;
FIG. **6** is a top plan view thereof; and,
FIG. **7** is a bottom plan view thereof.
The broken lines of FIG. **1** through FIG. **7** indicate unclaimed portions of the design.

**1 Claim, 5 Drawing Sheets**



(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|---|---|---|---|---|
| D576,573 | S * | 9/2008 | Kobayakawa | D13/180 |
| D593,967 | S * | 6/2009 | Fushimi | D13/180 |
| 7,636,085 | B2 | 12/2009 | Yang | |
| D616,383 | S * | 5/2010 | Peifer | D13/180 |
| 7,710,370 | B2 | 5/2010 | Slikkerveer et al. | |
| 7,714,801 | B2 | 5/2010 | Kimmel | |
| 7,825,582 | B2 | 11/2010 | Furukawa et al. | |
| 7,834,537 | B2 | 11/2010 | Kee et al. | |
| 7,834,962 | B2 | 11/2010 | Satake et al. | |
| 7,868,545 | B2 | 1/2011 | Hioki et al. | |
| 7,977,170 | B2 | 7/2011 | Tredwell et al. | |
| 8,023,060 | B2 | 9/2011 | Lin et al. | |
| 8,096,068 | B2 | 1/2012 | Van Rens | |
| 8,097,812 | B2 | 1/2012 | Wang et al. | |
| 8,098,486 | B2 | 1/2012 | Hsiao | |
| D653,893 | S * | 2/2012 | Huss | F16B 5/07 D6/582 |
| 8,228,667 | B2 | 7/2012 | Ma | |
| D667,968 | S * | 9/2012 | Shin | D26/1 |
| 8,284,369 | B2 | 10/2012 | Chida et al. | |
| 8,319,725 | B2 | 11/2012 | Okamoto et al. | |
| 8,456,078 | B2 | 6/2013 | Hashimoto | |
| 8,471,995 | B2 | 6/2013 | Tseng | |
| 8,477,464 | B2 | 7/2013 | Visser et al. | |
| 8,493,520 | B2 | 7/2013 | Gay | |
| 8,493,726 | B2 | 7/2013 | Visser et al. | |
| 8,654,519 | B2 | 2/2014 | Visser | |
| 8,780,039 | B2 | 7/2014 | Gay et al. | |
| 8,816,977 | B2 | 8/2014 | Rothkopf et al. | |
| 8,873,225 | B2 | 10/2014 | Huitema et al. | |
| 8,982,545 | B2 | 3/2015 | Kim et al. | |
| 9,058,755 | B2 * | 6/2015 | Cope | F21V 21/14 |
| 9,117,384 | B2 | 8/2015 | Phillips et al. | |
| 9,176,535 | B2 | 11/2015 | Bohn et al. | |
| 9,286,812 | B2 | 3/2016 | Bohn et al. | |
| 9,330,589 | B2 * | 5/2016 | Cope | H04N 5/247 |
| 9,335,793 | B2 | 5/2016 | Rothkopf | |
| D760,404 | S * | 6/2016 | Radl | D26/1 |
| 9,372,508 | B2 | 6/2016 | Wang | |
| D768,584 | S * | 10/2016 | Kiridoshi | F21V 21/14 D13/180 |
| 9,459,656 | B2 | 10/2016 | Shai | |
| D774,006 | S * | 12/2016 | Kiridoshi | D13/180 |
| D780,704 | S * | 3/2017 | Kiridoshi | D13/180 |
| D840,555 | S * | 2/2019 | Kiridoshi | F21V 31/005 D26/1 |
| D840,556 | S * | 2/2019 | Kiridoshi | F21S 4/24 D26/1 |
| D856,569 | S * | 8/2019 | Heiner | F21V 5/007 D26/113 |
| D857,979 | S * | 8/2019 | Schweid | G09F 13/22 D26/120 |
| D893,077 | S * | 8/2020 | Liu | D26/76 |
| D905,648 | S * | 12/2020 | Frokjør | D13/180 |
| 11,073,268 | B1 * | 7/2021 | Xu | F21V 29/70 |
| D933,876 | S * | 10/2021 | Lin | D26/118 |
| D934,481 | S * | 10/2021 | Liu | D26/76 |
| 2006/0098153 | A1 | 5/2006 | Slikkerveer et al. | |
| 2006/0204675 | A1 | 9/2006 | Gao et al. | |
| 2007/0241002 | A1 | 10/2007 | Wu et al. | |
| 2008/0042940 | A1 | 2/2008 | Hasegawa | |
| 2008/0218369 | A1 | 9/2008 | Krans et al. | |
| 2009/0189917 | A1 | 7/2009 | Benko et al. | |
| 2009/0294786 | A1 * | 12/2009 | Jan | G09F 13/22 257/98 |
| 2011/0134144 | A1 | 6/2011 | Moriwaki | |
| 2011/0141736 | A1 * | 6/2011 | Lin | F21S 8/00 362/240 |
| 2011/0188243 | A1 * | 8/2011 | Park | F21S 8/00 362/235 |
| 2012/0002360 | A1 | 1/2012 | Seo et al. | |
| 2012/0092363 | A1 | 4/2012 | Kim et al. | |
| 2012/0313862 | A1 | 12/2012 | Ko et al. | |
| 2013/0100392 | A1 | 4/2013 | Fukushima | |
| 2015/0330610 | A1 * | 11/2015 | Song | F21V 19/0035 362/6 |
| 2016/0320016 | A1 * | 11/2016 | Dedick | F21V 5/007 |
| 2018/0038578 | A1 * | 2/2018 | Son | F21V 19/0015 |
| 2019/0032898 | A1 * | 1/2019 | Chen | F21V 31/005 |
| 2019/0088828 | A1 * | 3/2019 | Nakamura | H01L 33/505 |
| 2020/0240600 | A1 * | 7/2020 | Ho | F21S 4/24 |
| 2020/0372841 | A1 * | 11/2020 | Mudd | G09F 9/3026 |
| 2021/0033917 | A1 * | 2/2021 | Furukawa | G02F 1/1335 |
| 2021/0265328 | A1 * | 8/2021 | Lee | F21K 9/60 |
| 2021/0341112 | A1 * | 11/2021 | Hong | H01L 33/48 |

OTHER PUBLICATIONS

AZERONE Pixel LED Panels, Feb. 2, 2018, Amazon.com, site visited Jan. 3, 2022, url: https://www.amazon.com/panels-digital-module-display-P3-19296mm/dp/B079JSKF21/ref=pd_lpo_2?pd_rd_i=B079JSKF21&th=1 (Year: 2018).*

LightingWill P10 Outdoor LED Panel, Nov. 22, 2018, Amazon.com, site visited Jan. 3, 2022, url: https://www.amazon.com/dp/B07KSV99PK (Year: 2018).*

LINSN LED, Apr. 16, 2018, Facebook, site visited Jan. 6, 2022, url: https://www.facebook.com/linsnled/photos/a.135137660476825/175263049797619/?type=3&theater (Year: 2018).*

* cited by examiner

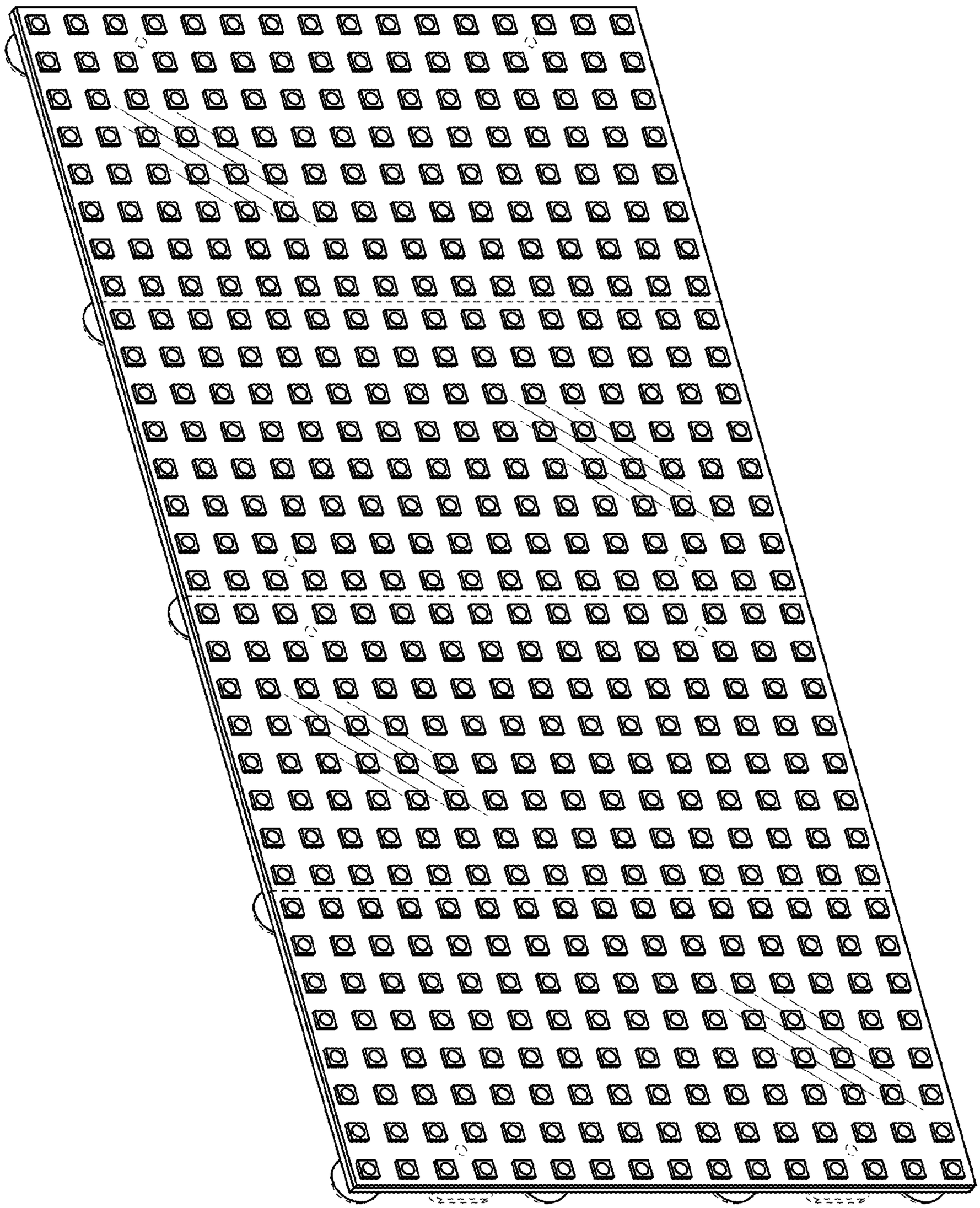


FIG. 1

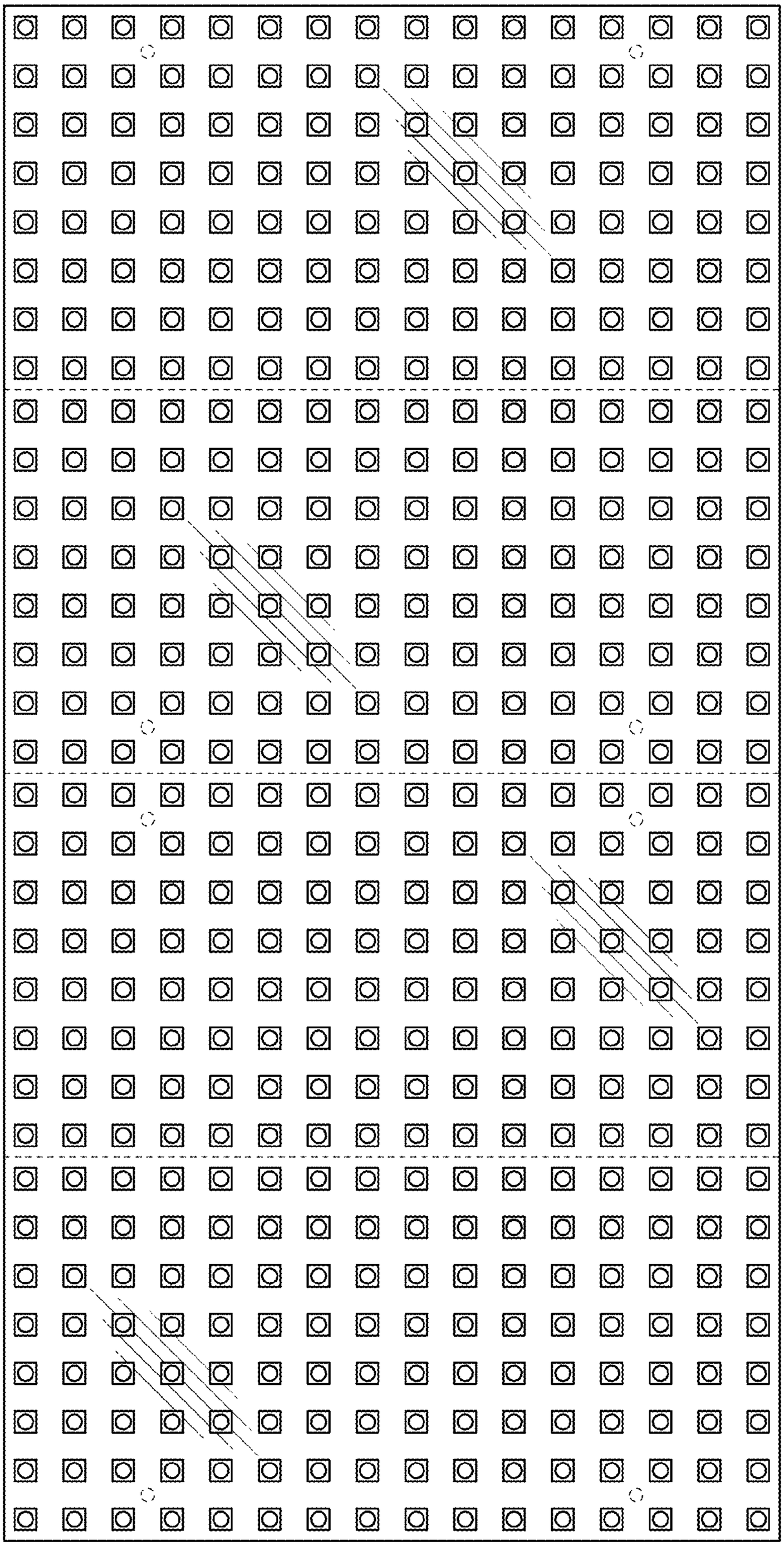


FIG. 2

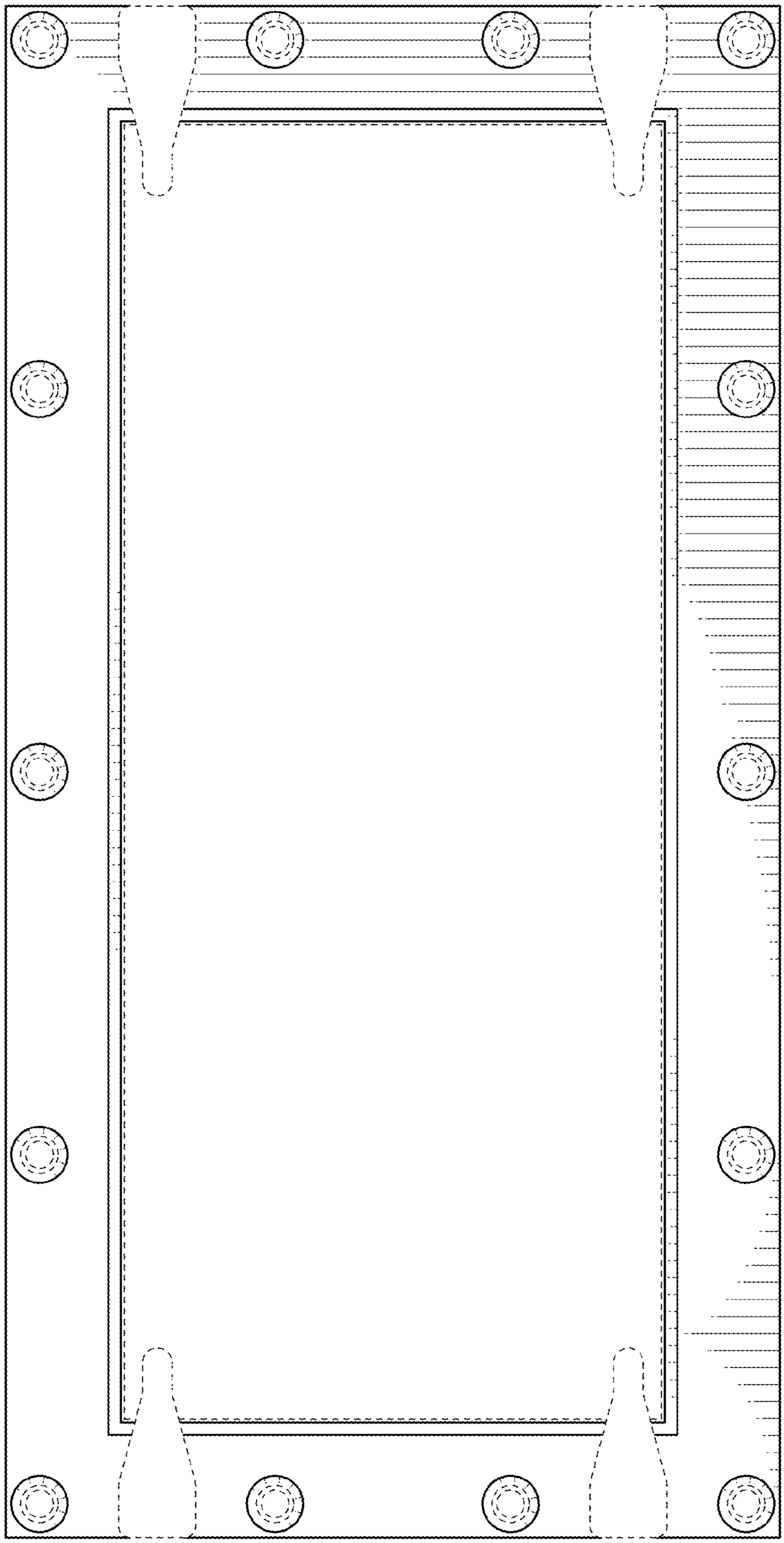


FIG. 3

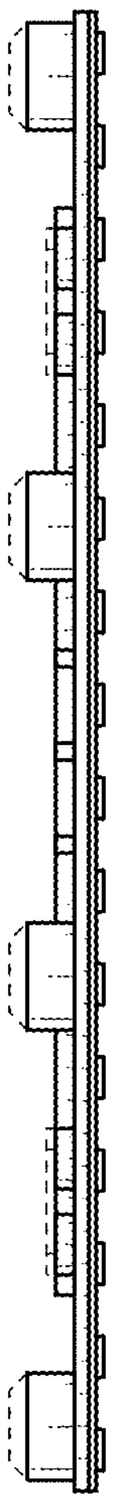


FIG. 4

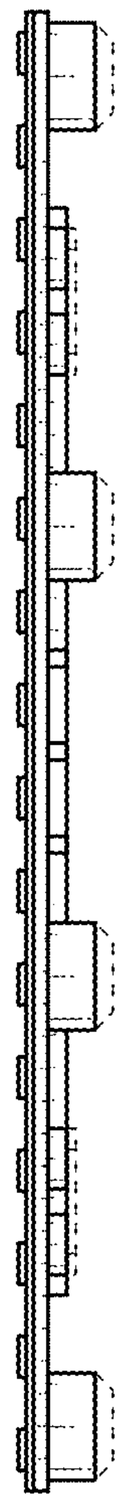


FIG. 5

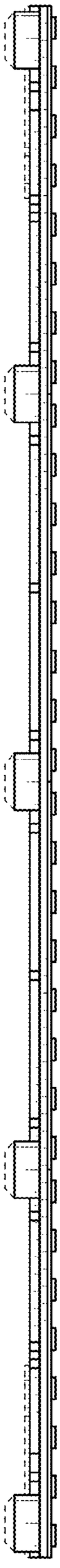


FIG. 6

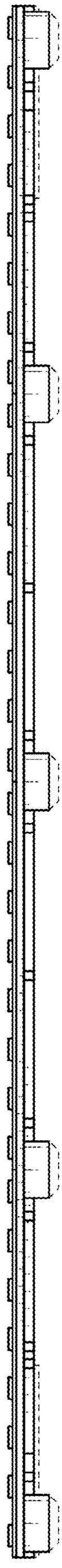


FIG. 7