



US00D945855S

(12) **United States Design Patent**
Jolley et al.

(10) **Patent No.:** **US D945,855 S**
(45) **Date of Patent:** **** Mar. 15, 2022**

(54) **PUSH BUTTON LATCH ASSEMBLY**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **B/E Aerospace, Inc.**, Winston-Salem, NC (US)

CN 304253593 * 1/2017
CN 306431376 * 11/2020

(Continued)

(72) Inventors: **Richard H. Jolley**, Addington (GB);
Hsin-I Tsai, Newport Pagnell (GB)

OTHER PUBLICATIONS

(73) Assignee: **B/E Aerospace, Inc.**, Winston-Salem, NC (US)

EGRET,Carts by Egret,Date first available from wayback date Feb. 10, 2017, [online]retrieved Jul. 7, 2021, available from wayback <https://web.archive.org/web/20170210021117/http://www.egret.aero/en/catalog/carts> (Year: 2017).*

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

(Continued)

(21) Appl. No.: **29/693,962**

(22) Filed: **Jun. 6, 2019**

Primary Examiner — Keli L Hill

(51) **LOC (13) Cl.** **08-05**

Assistant Examiner — Sara S Sahneh

(52) **U.S. Cl.**

(74) *Attorney, Agent, or Firm* — Suiter Swantz pc llo

USPC **D8/331**

(58) **Field of Classification Search**

USPC D8/330–333, 336, 338, 343–346,
D8/300–302, 306–329; D14/392, 396,
D14/399, 455, 456; D6/702, 706, 641,
D6/329, 653

CPC E06B 9/68; E06B 2009/6818; E06B 9/60;
E06B 9/56; E06B 9/82; E06B 9/80; E06B
9/174; E06B 3/5009; E06B 3/921; E05F
15/43; E05F 15/77; E05F 5/02; E05F
17/00; E05Y 2201/244; E05Y 2400/612;
E05Y 2900/00; E05Y 2800/22; E05Y
2800/176; E05Y 2800/205; E05Y
2800/72; E05Y 2201/686; E05Y 2201/21;
E05Y 2600/46; E05Y 2800/122; E05D
13/1261; E05D 15/264; B25B 13/5016;
H02K 7/116; H02K 5/26; Y10T
74/19684; Y10T 74/19633; E05B 65/44;
E05B 65/46; E05B 65/462;

(Continued)

(57) **CLAIM**

The ornamental design for a push button latch assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a push button latch assembly; FIG. 2 is a top plan view of the push button latch assembly of FIG. 1; FIG. 3 is a front elevation view of the push button latch assembly of FIG. 1; FIG. 4 is a rear elevation view of the push button latch assembly of FIG. 1; FIG. 5 is a left side elevation view of the push button latch assembly of FIG. 1; and, FIG. 6 is a bottom plan view of the push button latch assembly of FIG. 1. Portions of FIGS. 1 through 7 are shown in broken lines illustrating portions of the article of manufacture that form no part of the claimed design.

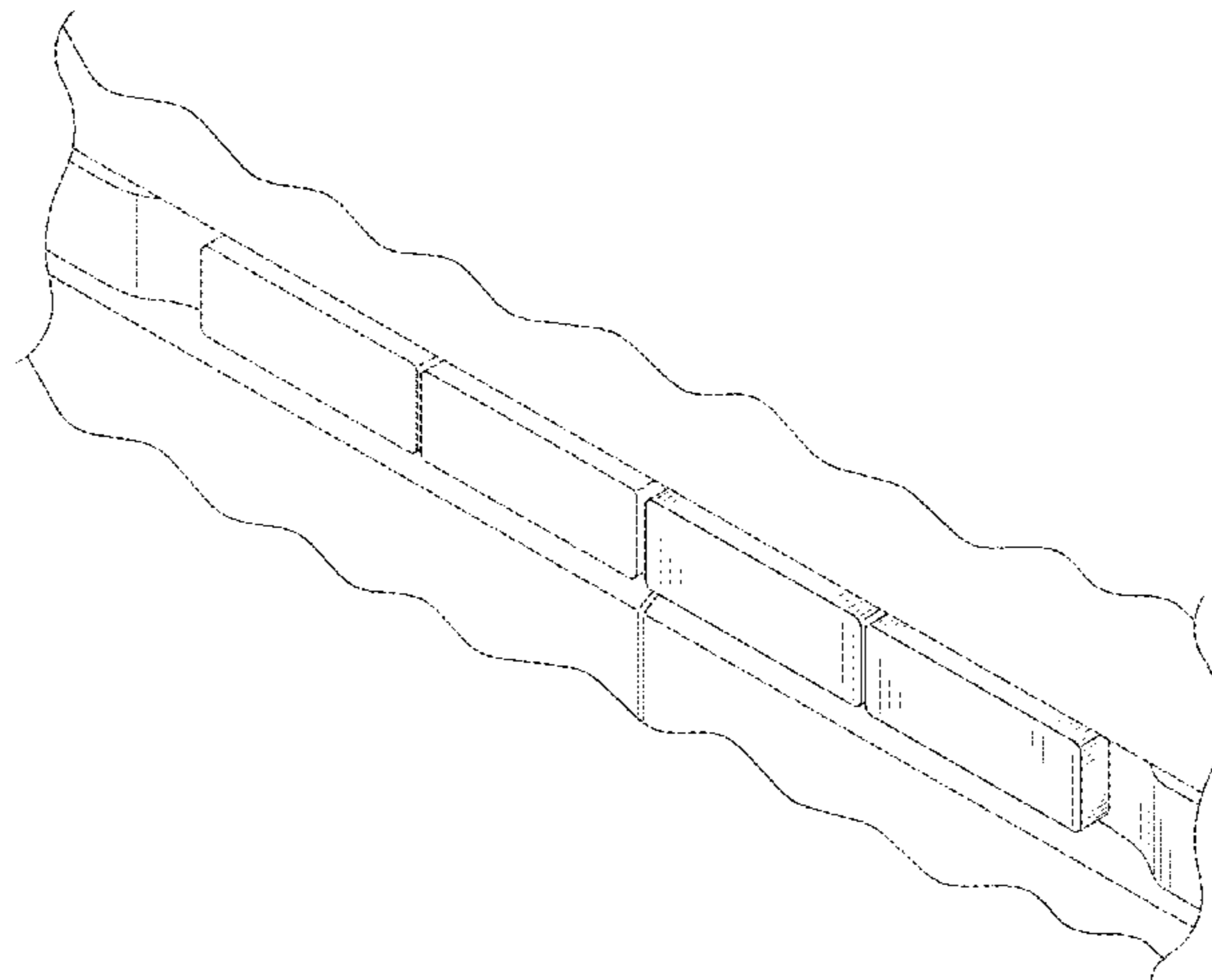
(56) **References Cited**

U.S. PATENT DOCUMENTS

D551,238 S * 9/2007 O'Neil D14/455
D629,406 S * 12/2010 Raken D14/456

(Continued)

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC E05B 65/463; E05B 65/461; E05B 65/464;
 E05B 51/00; E05B 35/00; E05B 39/00;
 E05B 47/0001; E05B 2047/0069; B64D
 11/04; B64D 11/00; B64D 11/02; B64F
 5/00; B60N 3/10; A47B 77/14

See application file for complete search history.

| | | | | |
|--------------|-----|---------|----------------|--------------|
| 2018/0281966 | A1* | 10/2018 | Chuang | A47B 46/00 |
| 2019/0002105 | A1* | 1/2019 | Moran | B64D 11/0007 |
| 2019/0210730 | A1* | 7/2019 | Riedel | B64D 11/04 |
| 2019/0292765 | A1* | 9/2019 | Goeschel | E03F 1/006 |
| 2019/0308728 | A1* | 10/2019 | McKee | B64D 11/00 |
| 2020/0314620 | A1* | 10/2020 | Reed | H04W 76/14 |
| 2021/0061470 | A1* | 3/2021 | Burd | B64D 11/0007 |

(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | |
|--------------|-----|---|---------|------------------|-----------------------|
| D694,048 | S | * | 11/2013 | Eckert | D6/706 |
| D695,293 | S | * | 12/2013 | Dumont | D14/392 |
| D751,567 | S | * | 3/2016 | Seoc | D14/456 |
| D758,377 | S | * | 6/2016 | Warren | D14/457 |
| D766,250 | S | * | 9/2016 | Lukic | D14/455 |
| D774,033 | S | * | 12/2016 | Lewis | D14/399 |
| D842,924 | S | * | 3/2019 | Rosenberg | D17/22 |
| D850,460 | S | * | 6/2019 | Luo | D14/455 |
| D882,581 | S | * | 4/2020 | Chan | D14/455 |
| D913,198 | S | * | 3/2021 | Sethapun | D12/415 |
| D916,711 | S | * | 4/2021 | Akana | D14/455 |
| 2010/0307350 | A1* | | 12/2010 | Cunningham | B30B 9/3075 100/35 |
| 2018/0016008 | A1* | | 1/2018 | Payne | B64D 13/06 |

FOREIGN PATENT DOCUMENTS

| | | | |
|----|----------------|---|---------|
| EM | 001389977-0002 | * | 11/2013 |
| EM | 001389977-0003 | * | 11/2013 |
| EM | 001406938-0002 | * | 3/2014 |
| EM | 007341342-0001 | * | 12/2019 |
| JP | D1464046 | * | 10/2012 |
| JP | D1616218 | * | 9/2018 |

OTHER PUBLICATIONS

Core77 Design,Airbus SPICE GalleyInnovation,Date first available from wayback date Apr. 22, 2018,[online]retrieved Jul. 7, 2021, available from wayback <https://www.core77.com/firms/FormationDesignGroup/Airbus-SPICE-Galley-Innovation> (Year: 2018).*

* cited by examiner

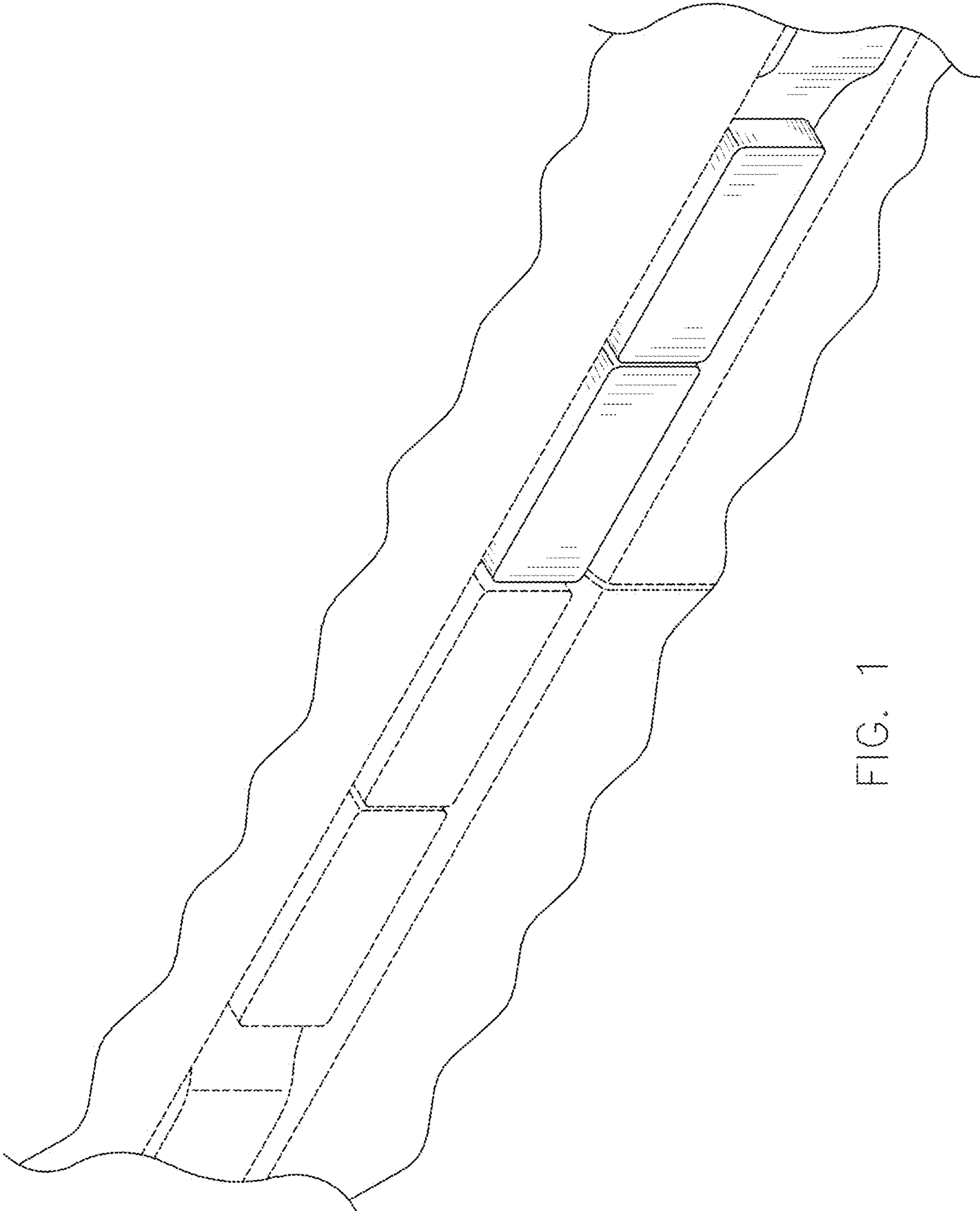


FIG. 1

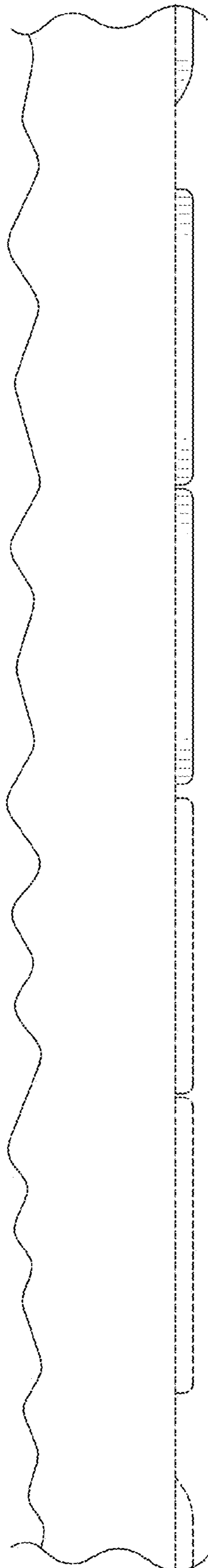


FIG. 2

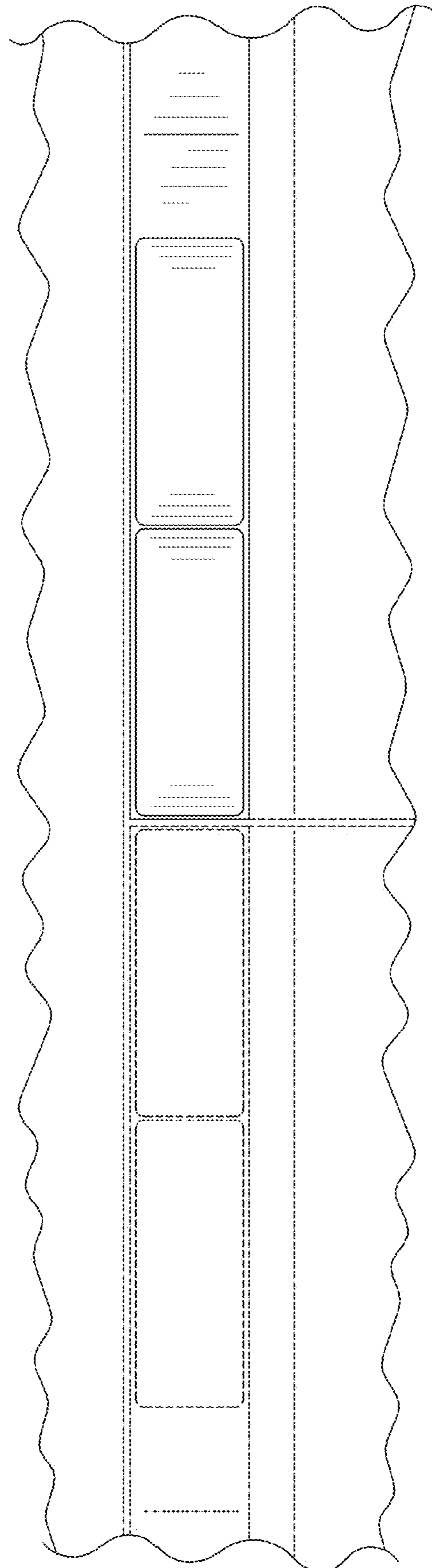


FIG. 3

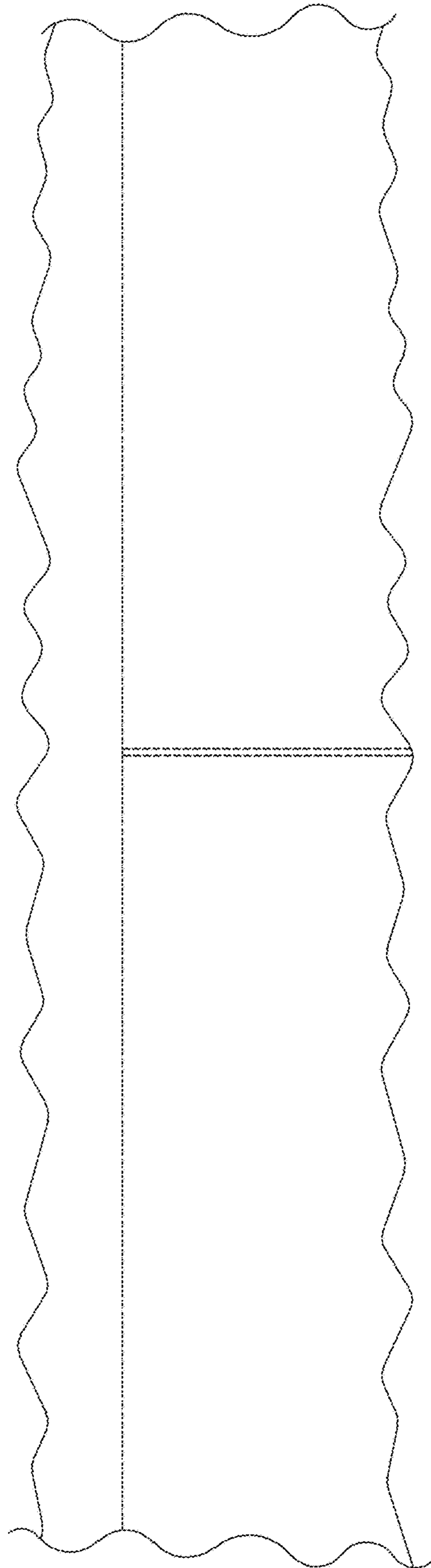


FIG. 4

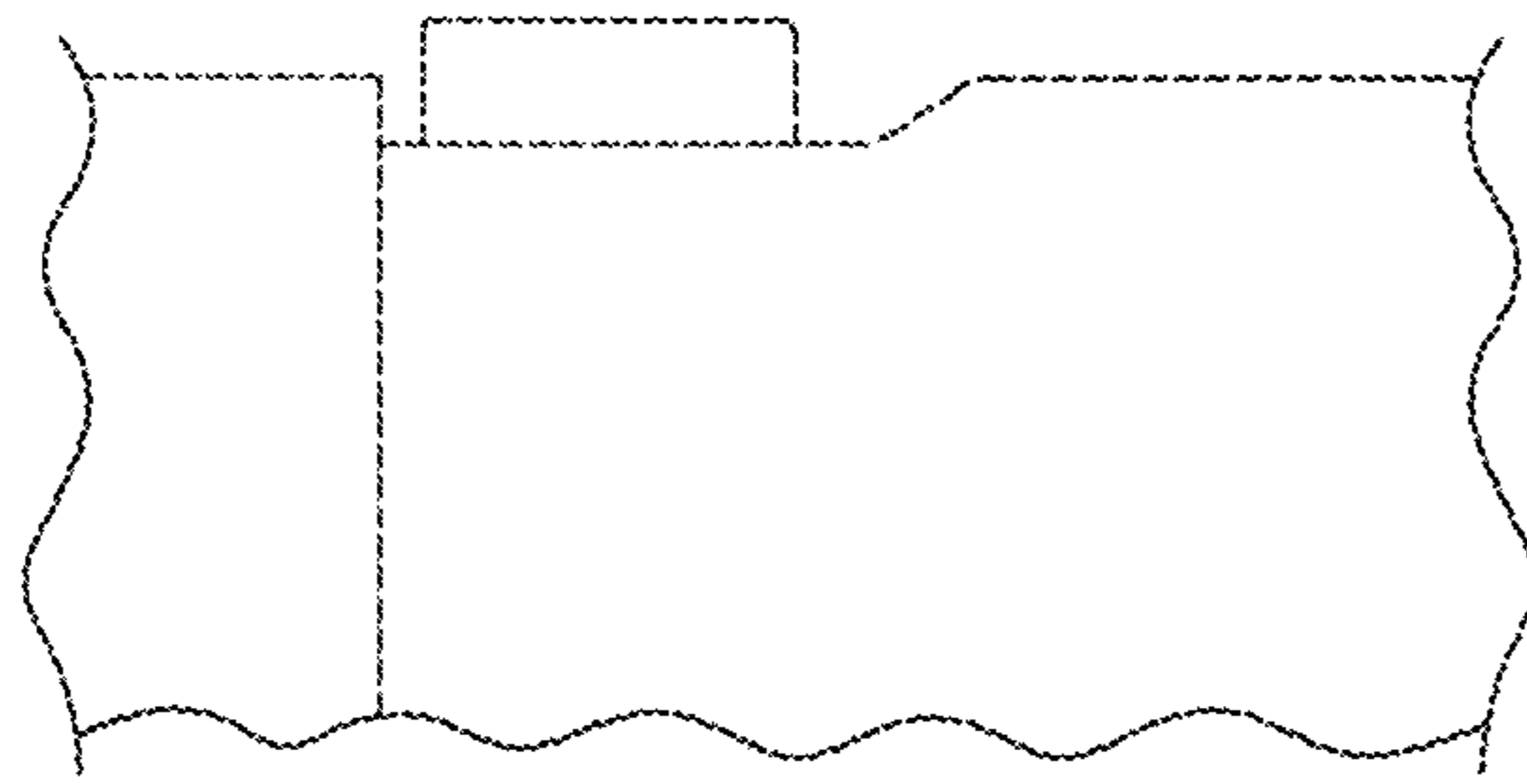


FIG. 5

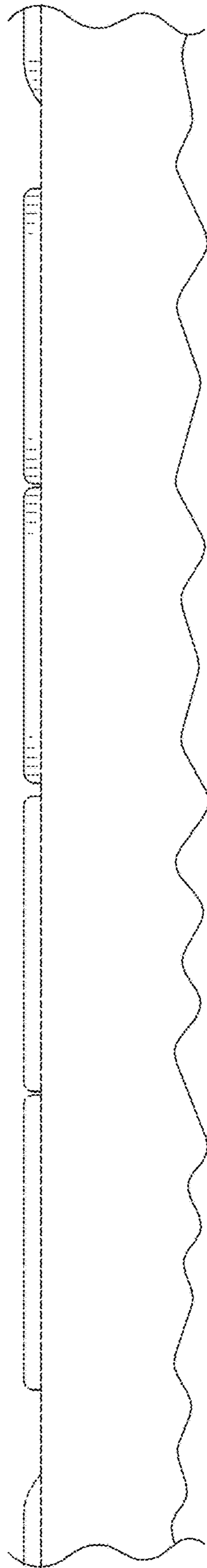


FIG. 6

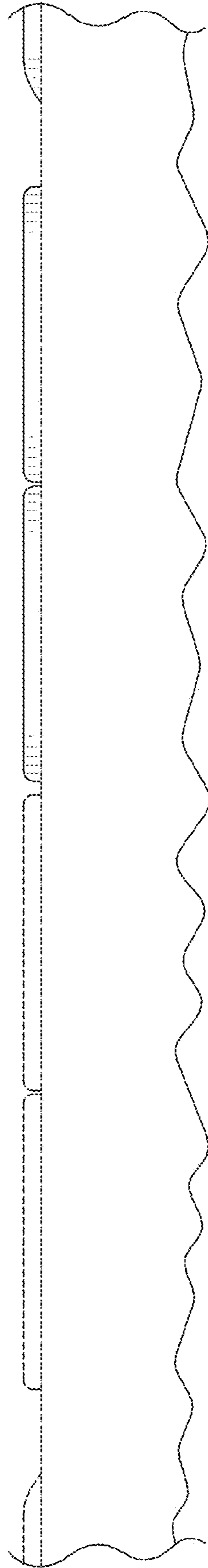


FIG. 7