



US00D895837S

(12) **United States Design Patent** (10) **Patent No.:** **US D895,837 S**
Frey et al. (45) **Date of Patent:** **** Sep. 8, 2020**

(54) **SURGICAL GUIDE TRAY**
 (71) Applicant: **Mighty Oak Medical, Inc.**, Englewood, CO (US)
 (72) Inventors: **George A. Frey**, Englewood, CO (US); **Geoff Lai**, Lakewood, CO (US); **Benjamin Majors**, Englewood, CO (US)
 (73) Assignee: **Mighty Oak Medical, Inc.**, Englewood, CO (US)
 (**) Term: **15 Years**

D359,557 S 6/1995 Hayes
 5,490,409 A 2/1996 Weber
 5,527,312 A 6/1996 Ray
 5,569,246 A 10/1996 Ojima et al.
 D403,066 S 12/1998 DeFonzo
 5,865,846 A 2/1999 Bryan et al.
 D412,032 S 7/1999 Mikula-Curtis et al.
 5,993,453 A 11/1999 Bullara et al.
 6,006,581 A 12/1999 Holmes
 D420,132 S 2/2000 Bucholz et al.
 6,030,401 A 2/2000 Marino
 6,035,691 A 3/2000 Lin et al.
 6,063,088 A 5/2000 Winslow
 D428,989 S 8/2000 Segermark et al.
 6,113,602 A 9/2000 Sand
 6,142,998 A 11/2000 Smith et al.
 6,193,932 B1 * 2/2001 Wu A61L 2/07
 206/210

(21) Appl. No.: **29/663,719**
 (22) Filed: **Sep. 18, 2018**

Related U.S. Application Data

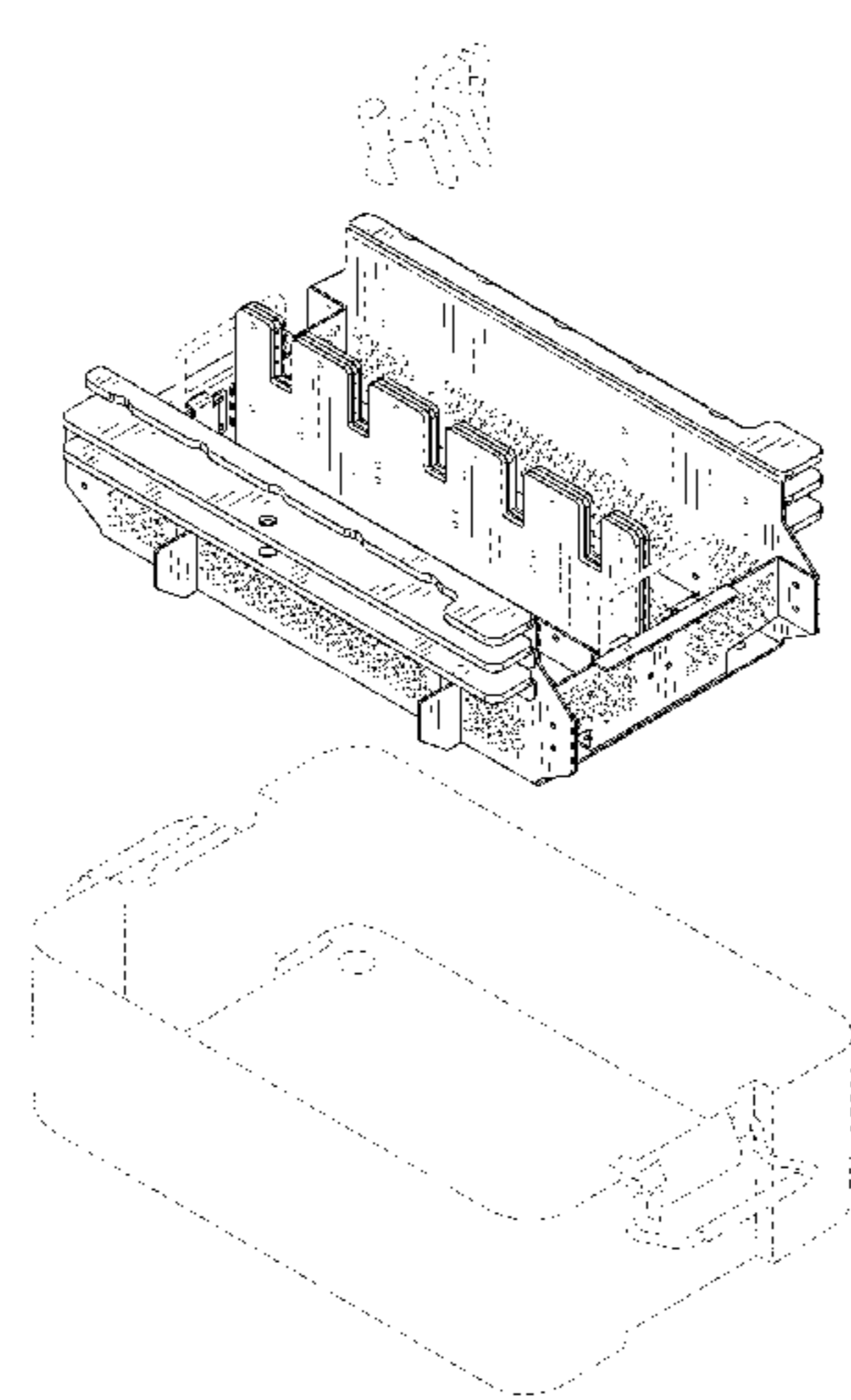
(63) Continuation of application No. 15/985,373, filed on May 21, 2018.
 (51) **LOC (12) Cl.** **24-02**
 (52) **U.S. Cl.**
 USPC **D24/227**
 (58) **Field of Classification Search**
 USPC D24/156, 127-128, 185, 216-232;
 D7/354, 361, 500, 550.1, 554.3, 587, 602;
 D3/304, 307, 308, 314, 315
 CPC A61B 50/36; A61B 2050/3011
 See application file for complete search history.

6,221,077 B1 4/2001 Rinner et al.
 6,290,724 B1 9/2001 Marino
 6,309,395 B1 10/2001 Smith et al.
 6,328,738 B1 12/2001 Suddaby
 6,364,880 B1 4/2002 Michelson
 6,644,087 B1 11/2003 Ralph et al.
 6,711,432 B1 3/2004 Krause et al.
 6,719,795 B1 4/2004 Cornwall et al.
 6,755,839 B2 6/2004 Van Hoeck et al.
 7,014,640 B2 3/2006 Kemppanien et al.
 7,025,769 B1 4/2006 Ferree
 7,077,864 B2 7/2006 Byrd, III et al.
 D532,515 S 11/2006 Buttler et al.
 D533,664 S 12/2006 Buttler et al.
 D537,950 S * 3/2007 Haunschild D24/217
 7,207,992 B2 4/2007 Ritland
 7,235,076 B2 6/2007 Pacheco
 7,288,093 B2 10/2007 Michelson
 7,341,590 B2 3/2008 Ferree
 7,387,643 B2 6/2008 Michelson
 7,406,775 B2 8/2008 Funk et al.
 7,454,939 B2 11/2008 Garner et al.
 7,491,180 B2 2/2009 Pacheco
 7,559,931 B2 7/2009 Stone
 7,623,902 B2 11/2009 Pacheco
 D606,195 S 12/2009 Eisen et al.
 D608,015 S * 1/2010 Sandel D24/227
 D608,456 S * 1/2010 Sandel D24/227
 7,658,610 B2 2/2010 Knopp
 D618,796 S 6/2010 Cantu et al.
 7,844,356 B2 11/2010 Matov et al.
 D636,894 S * 4/2011 Tomes D24/227
 7,955,355 B2 6/2011 Cin
 7,957,824 B2 6/2011 Boronvinskih et al.
 7,957,831 B2 6/2011 Isaacs

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,659,485 A * 11/1953 Duley A61M 5/008
 206/365
 D194,087 S * 11/1962 Jenkins D24/229
 3,151,392 A 10/1964 Chambers
 D249,362 S * 9/1978 Forsman D24/230
 D262,824 S * 1/1982 Dignan D24/229
 D276,462 S * 11/1984 Villarreal D24/229
 D334,973 S * 4/1993 Valentine D24/227
 5,201,734 A 4/1993 Cozad et al.
 D337,830 S * 7/1993 Coyne D24/227



2011/0288433	A1	11/2011	Kelleher et al.
2011/0319745	A1	12/2011	Frey
2012/0041445	A1	2/2012	Roose et al.
2012/0085720	A1*	4/2012	Bettenhausen A61L 2/26 211/85.13
2012/0130434	A1	5/2012	Stemniski et al.
2012/0150243	A9	6/2012	Crawford et al.
2012/0179259	A1	7/2012	McDonough et al.
2012/0215315	A1	8/2012	Hochschuler et al.
2012/0245587	A1	9/2012	Fang et al.
2013/0006251	A1	1/2013	Aram et al.
2013/0053854	A1	2/2013	Schoenefeld et al.
2013/0110174	A1	5/2013	Marik
2013/0123850	A1	5/2013	Schoenefeld et al.
2013/0218163	A1	8/2013	Frey
2014/0137618	A1	5/2014	Isaacs
2014/0350614	A1	11/2014	Frey
2014/0379032	A1	12/2014	Hennard
2015/0047410	A1	2/2015	Petit et al.
2015/0127053	A1	5/2015	Maruenda Paulino et al.
2015/0297249	A1	10/2015	Catanzarite
2016/0030067	A1	2/2016	Frey et al.
2016/0270802	A1	9/2016	Fang et al.
2017/0215857	A1	8/2017	D'Urso

FOREIGN PATENT DOCUMENTS

CN	104306061	1/2015
CN	106175911	12/2016
CN	201930252934.8	* 5/2019

OTHER PUBLICATIONS

Official Action for U.S. Appl. No. 13/172,683, dated Feb. 24, 2014, 10 pages.
 Official Action for U.S. Appl. No. 13/172,683, dated Sep. 10, 2013 7 pages.
 Official Action for U.S. Appl. No. 13/841,069 dated Jul. 8, 2014, 6 pages.
 Official Action for U.S. Appl. No. 13/841,069, dated Jul. 31, 2014 9 pages.
 Official Action for U.S. Appl. No. 14/298,634, dated Apr. 27, 2015 8 pages.
 Official Action for U.S. Appl. No. 14/298,634, dated Jul. 7, 2015 6 pages.
 Notice of Allowance for U.S. Appl. No. 13/172,683 dated Apr. 23, 2014 ., 7 pages.
 Notice of Allowance for U.S. Appl. No. 13/841,069, dated Sep. 18, 2014. 7 pages.
 Notice of Allowance for U.S. Appl. No. 14/298,624, dated Oct. 7, 2015. 7 pages.
 Notice of Allowance for U.S. Appl. No. 14/883,299, dated Mar. 20, 2017. 12 pages.
 Notice of Allowance for U.S. Appl. No. 29/409,734, dated May 11, 2012. 8 pages.
 Notice of Allowance for U.S. Appl. No. 29/427,918, dated Oct. 15, 2012. 9 pages.
 Notice of Allowance for U.S. Appl. No. 29/432,668 dated Nov. 27, 2013. 11 pages.
 Notice of Allowance for U.S. Appl. No. 29/476,699, dated Oct. 2, 2015. 8 pages.

Notice of Allowance for U.S. Appl. No. 29/476,705, dated Oct. 7, 2015. 8 pages.
 Notice of Allowance for U.S. Appl. No. 29/476,709, dated Nov. 6, 2015. 8 pages.
 Notice of Allowance for U.S. Appl. No. 29/496,231, dated Jul. 23, 2015. 10 pages.
 Notice of Allowance for U.S. Appl. No. 29/538,633, dated Jan. 6, 2016. 10 pages.

* cited by examiner

Primary Examiner — Susan Bennett Hattan
Assistant Examiner — Omeed Agilee
 (74) *Attorney, Agent, or Firm* — FisherBroyles, LLP; Ian R. Walsworth

(57) **CLAIM**

The ornamental design for a surgical guide tray, as shown and described.

DESCRIPTION

FIG. 1 is a perspective, exploded view of a surgical guide tray, showing our new design;
 FIG. 2 is a front elevation view of the surgical guide tray illustrated in FIG. 1;
 FIG. 3 is a rear elevation view of the surgical guide tray illustrated in FIG. 1;
 FIG. 4 is a right elevation view of the surgical guide tray illustrated in FIG. 1;
 FIG. 5 is a left elevation view of the surgical guide tray illustrated in FIG. 1;
 FIG. 6 is a top plan view of the surgical guide tray illustrated in FIG. 1;
 FIG. 7 is a bottom plan view of the surgical guide tray illustrated in FIG. 1;
 FIG. 8 is a perspective, assembled view of the surgical guide tray illustrated in FIG. 1;
 FIG. 9 is a front elevation view of the surgical guide tray illustrated in FIG. 8;
 FIG. 10 is a rear elevation view of the surgical guide tray illustrated in FIG. 8;
 FIG. 11 is a right elevation view of the surgical guide tray illustrated in FIG. 8;
 FIG. 12 is a left elevation view of the surgical guide tray illustrated in FIG. 8;
 FIG. 13 is a top plan view of the surgical guide tray illustrated in FIG. 8; and,
 FIG. 14 is a bottom plan view of the surgical guide tray illustrated in FIG. 8.
 In the drawings, the broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 12 Drawing Sheets

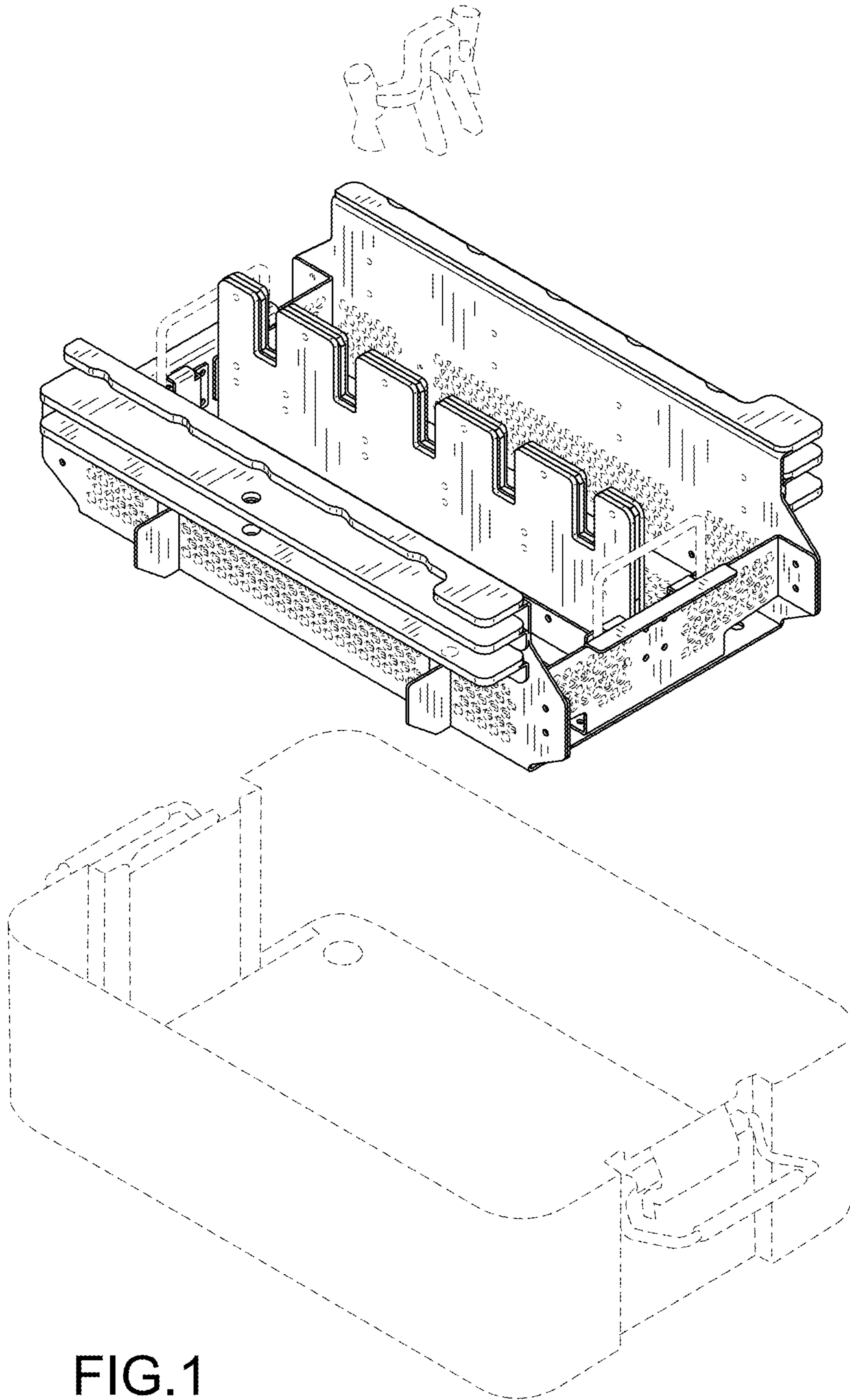


FIG.1

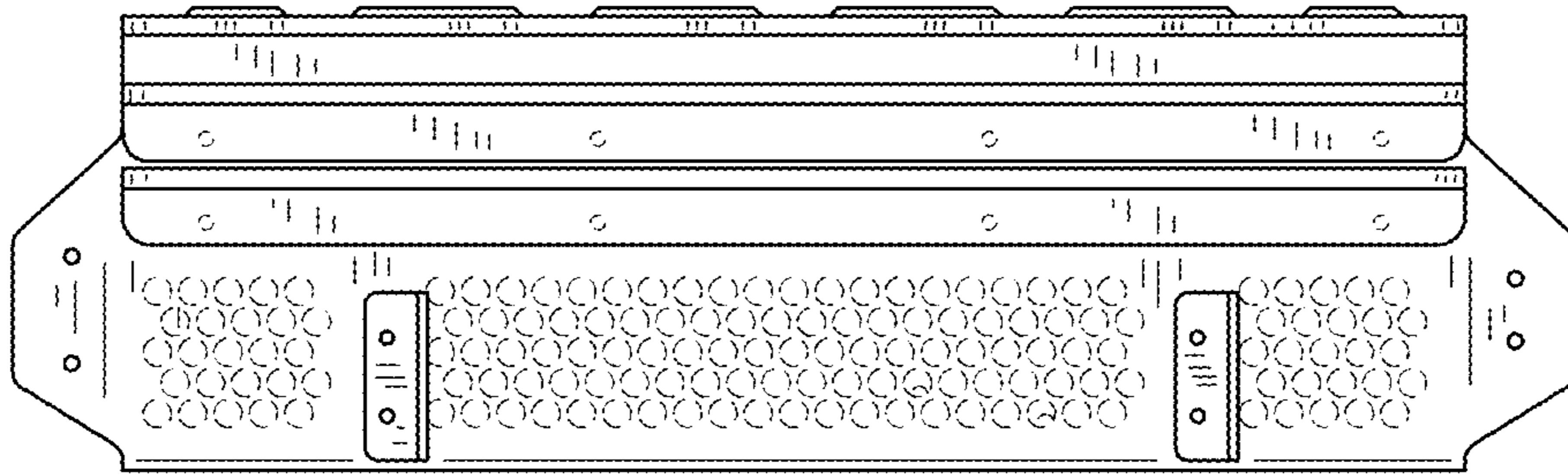


FIG.2

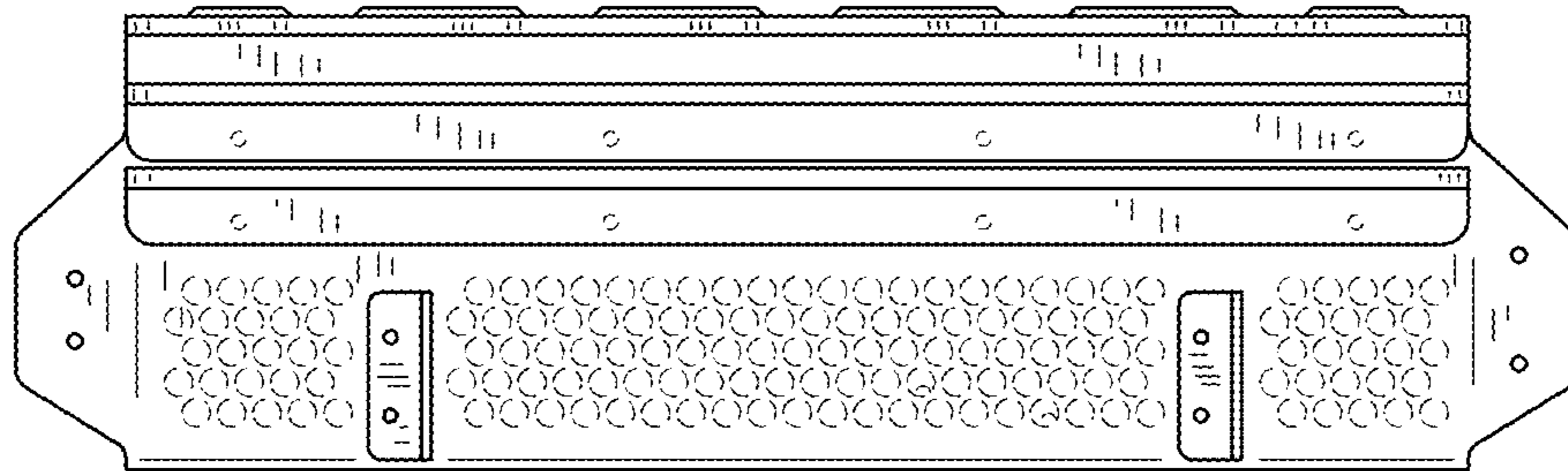


FIG.3

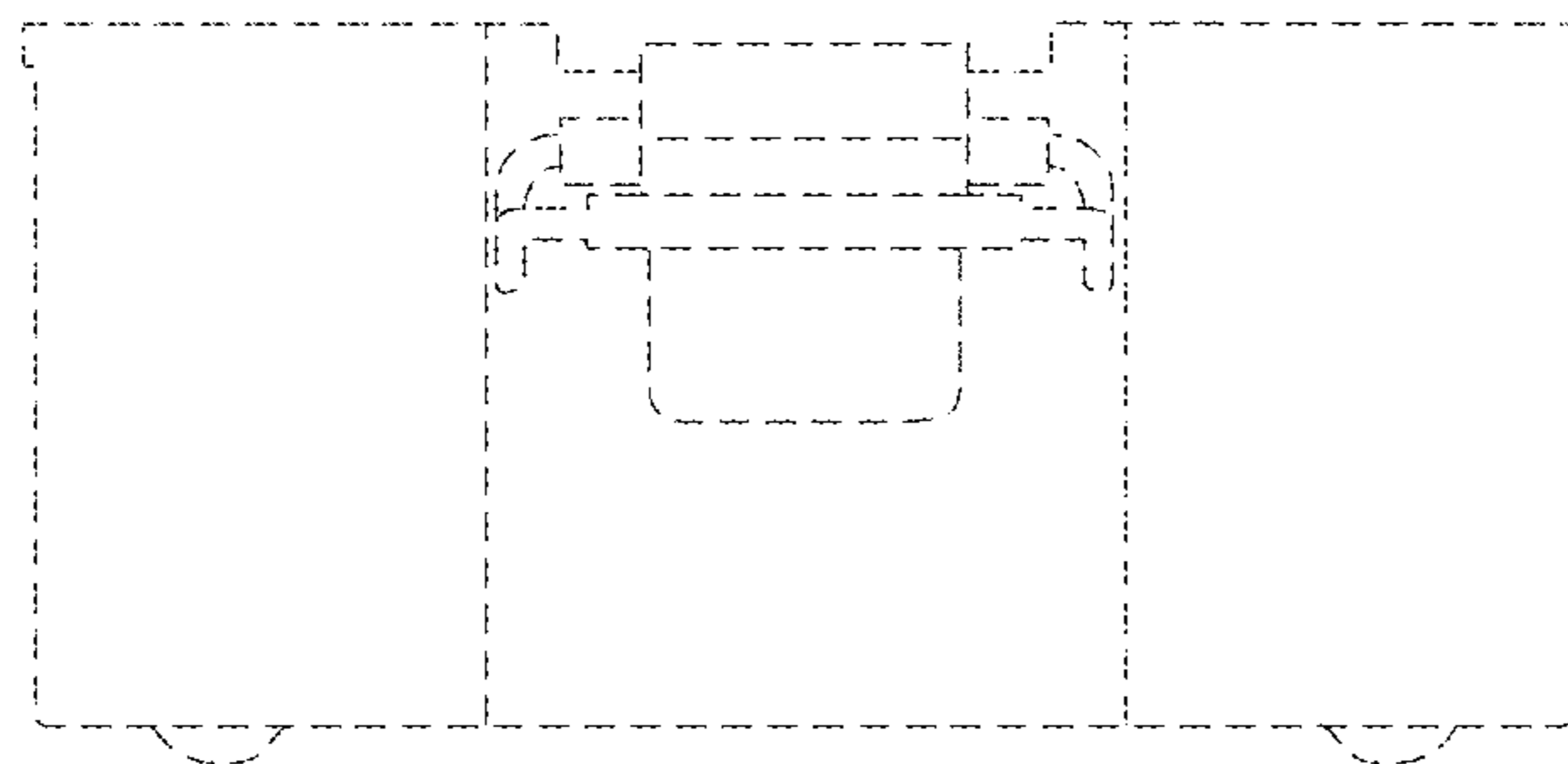
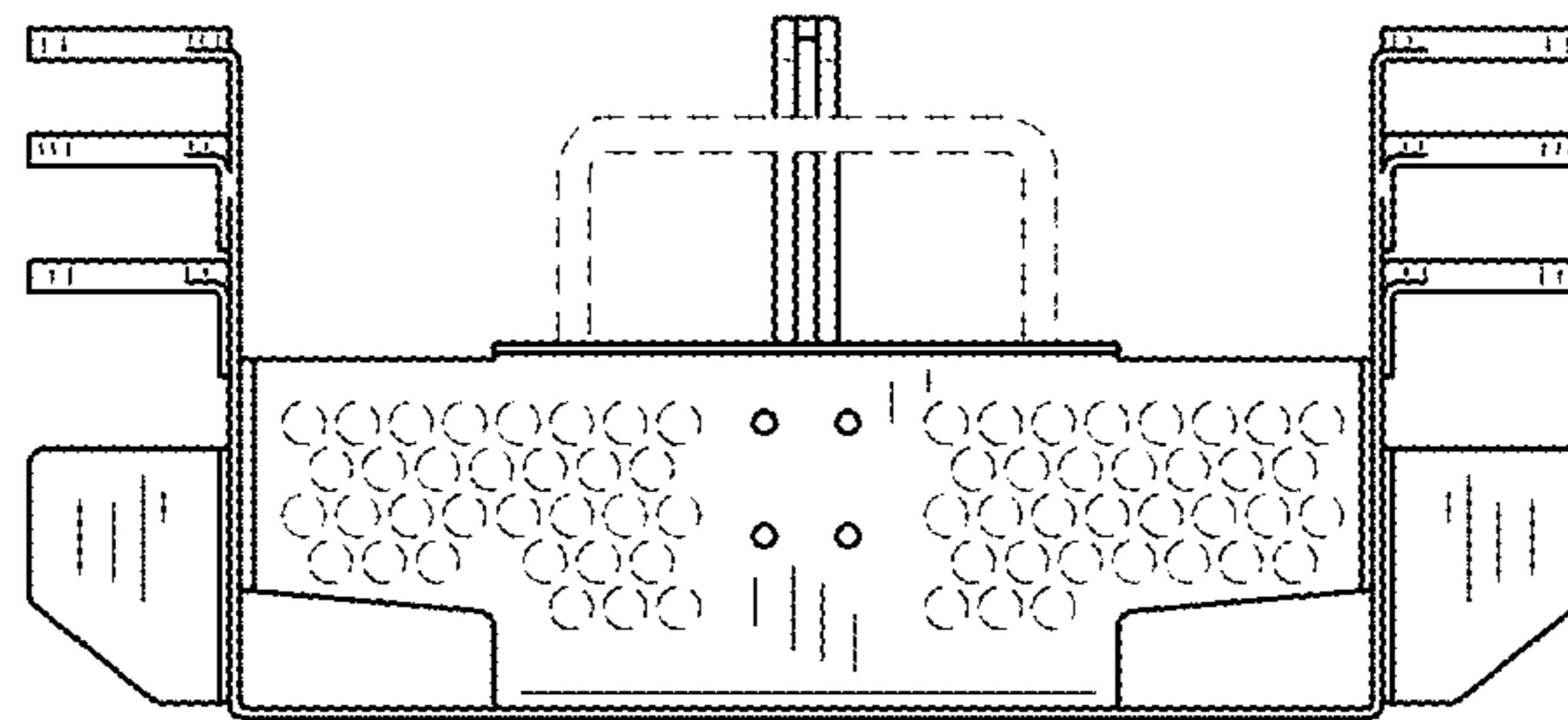
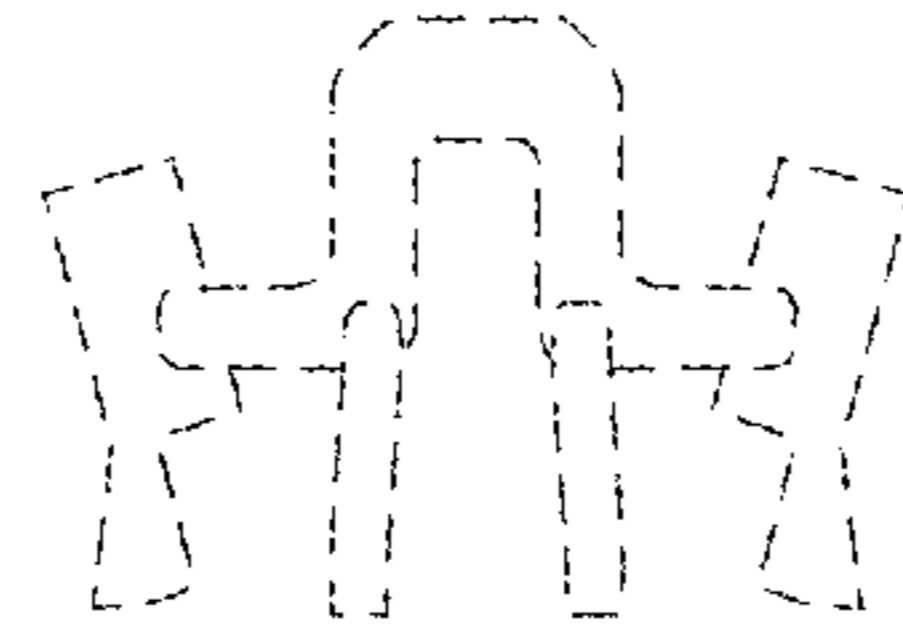


FIG.4

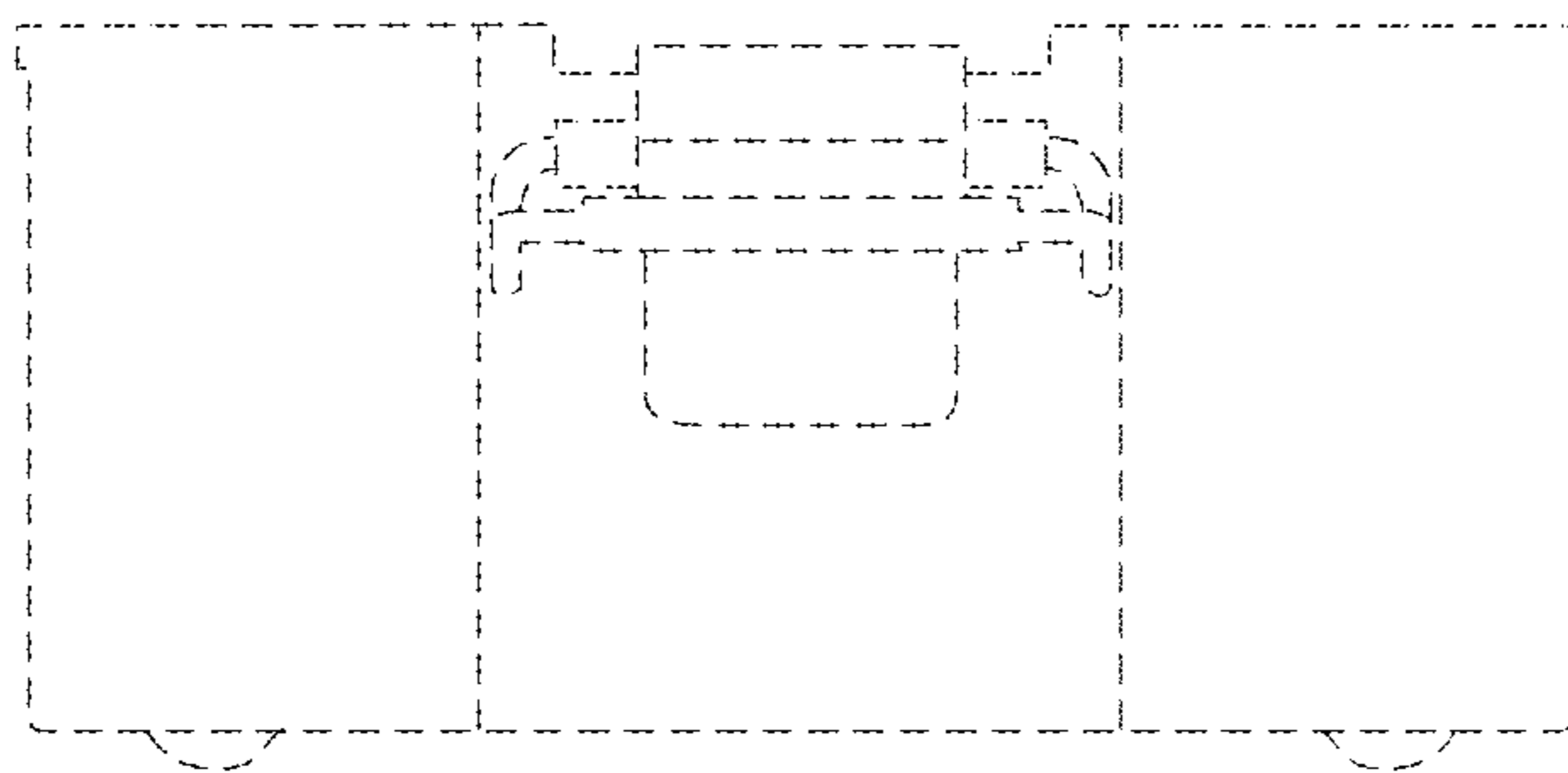
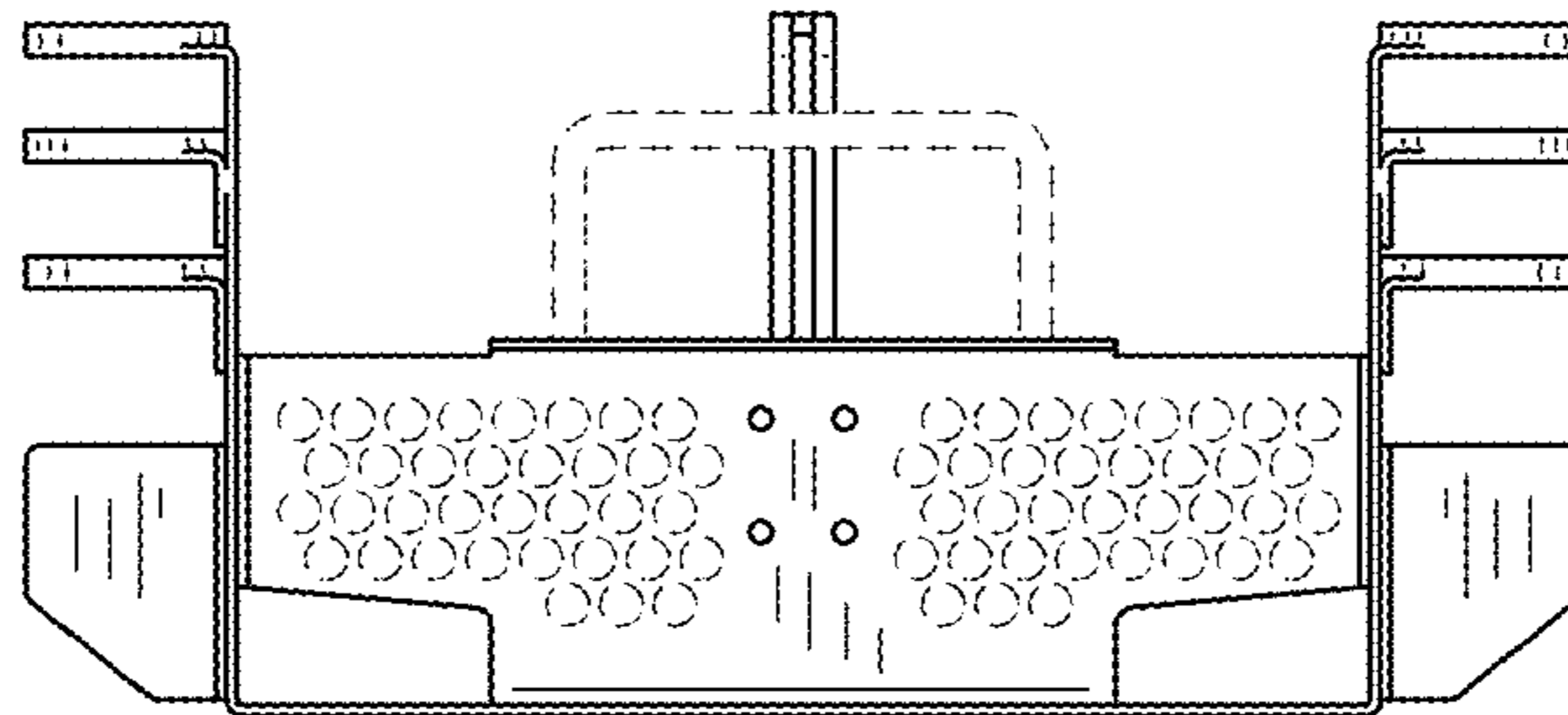
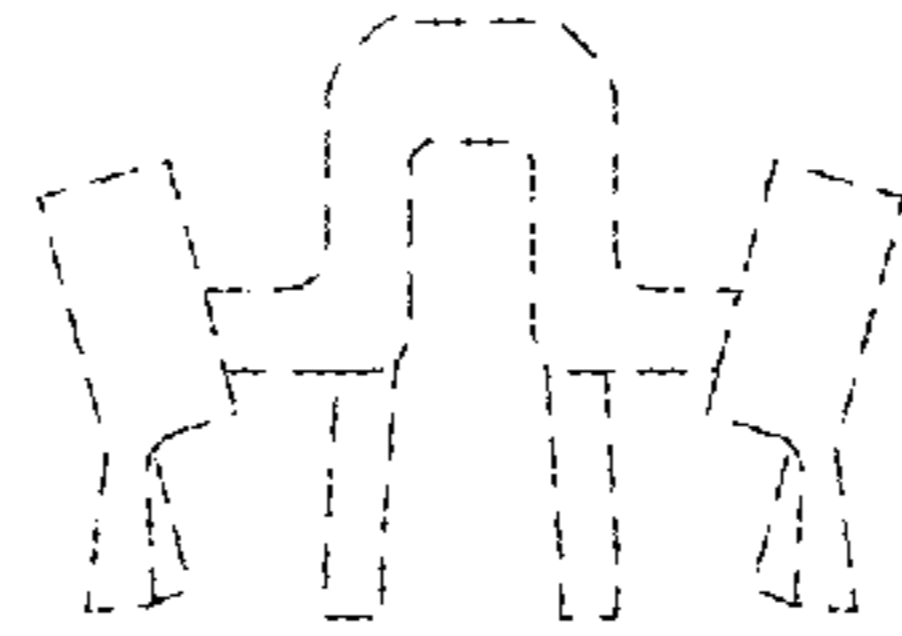


FIG.5

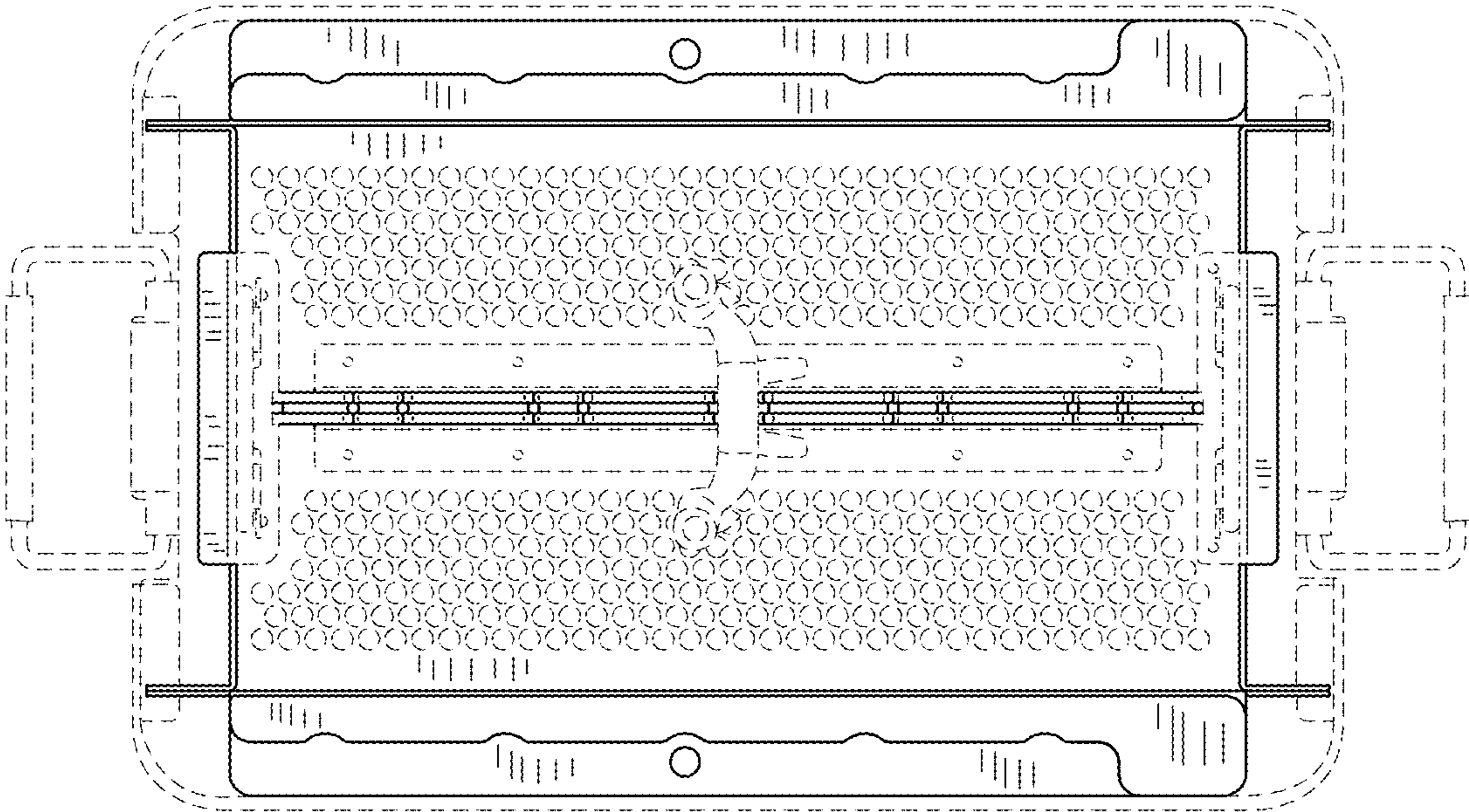


FIG.6



FIG.7

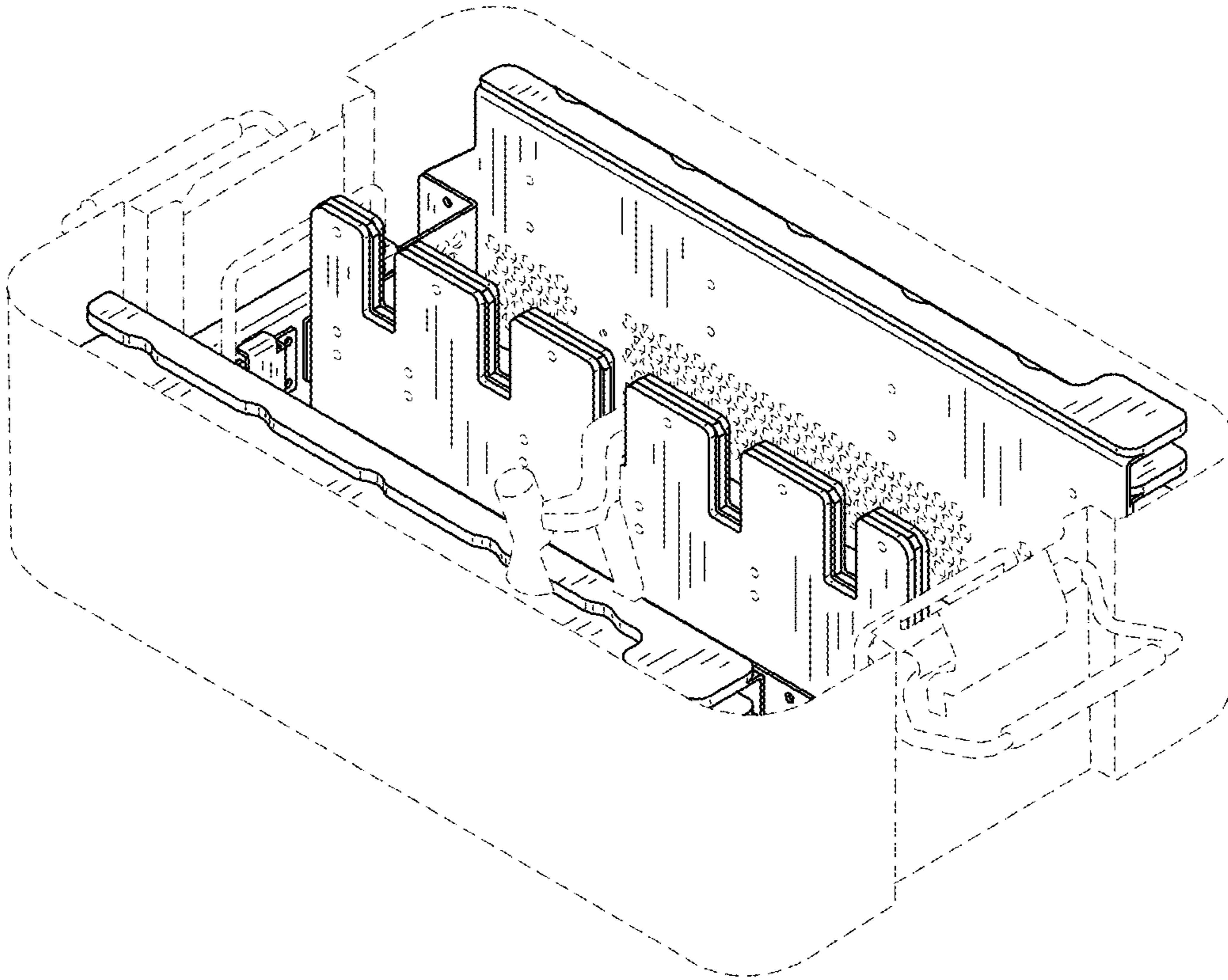


FIG.8



FIG.9



FIG.10

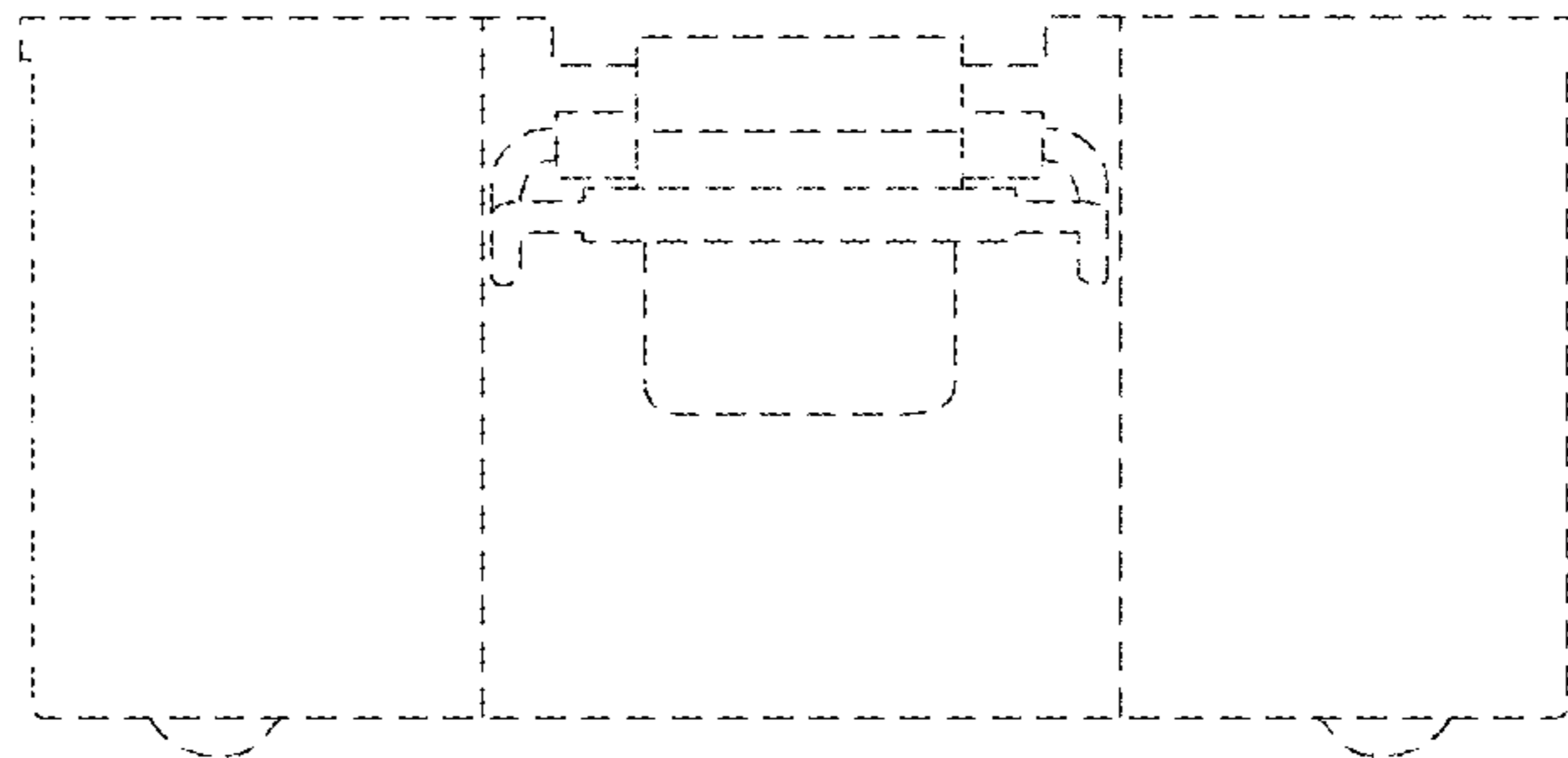


FIG. 11

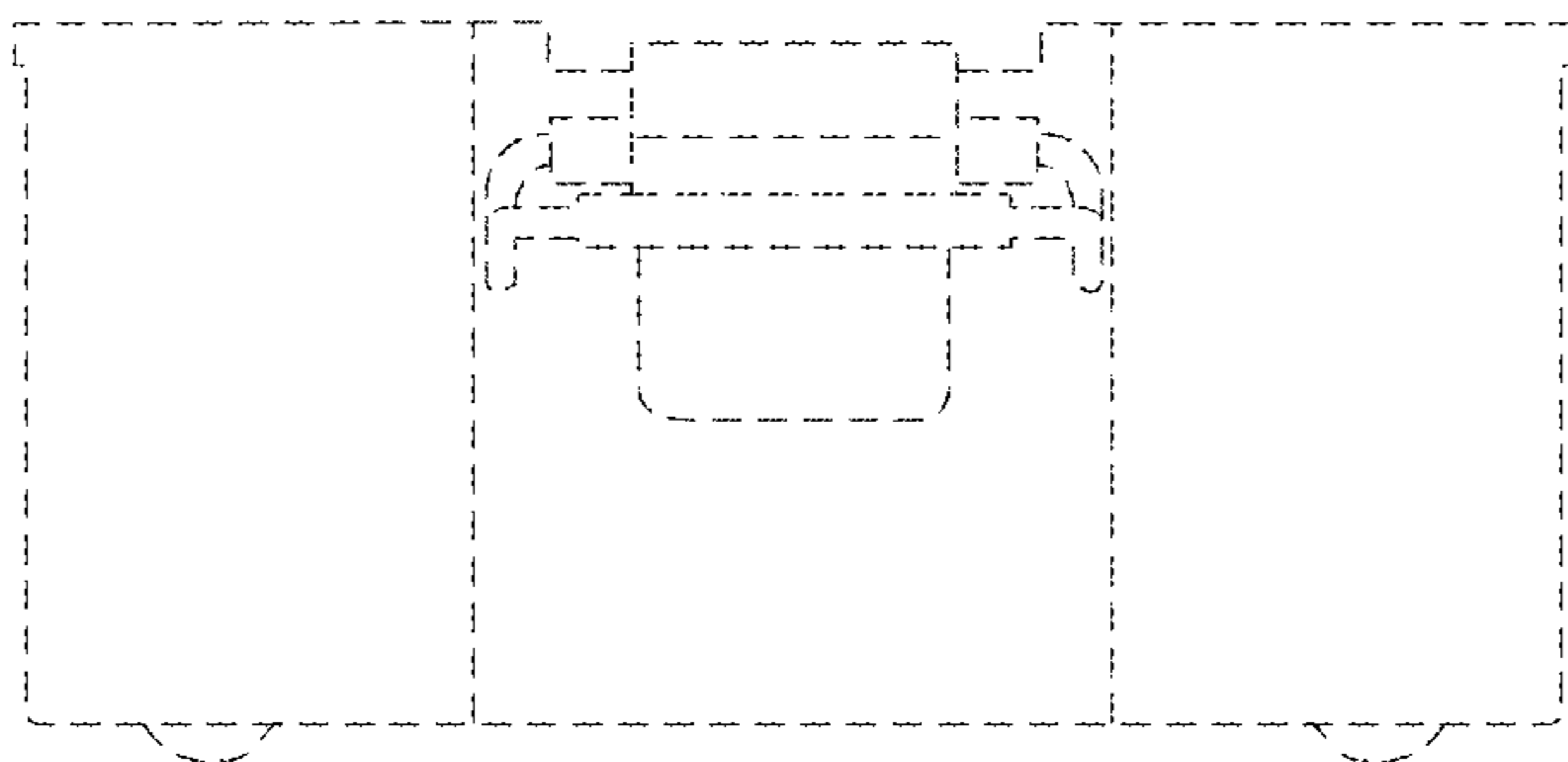


FIG. 12

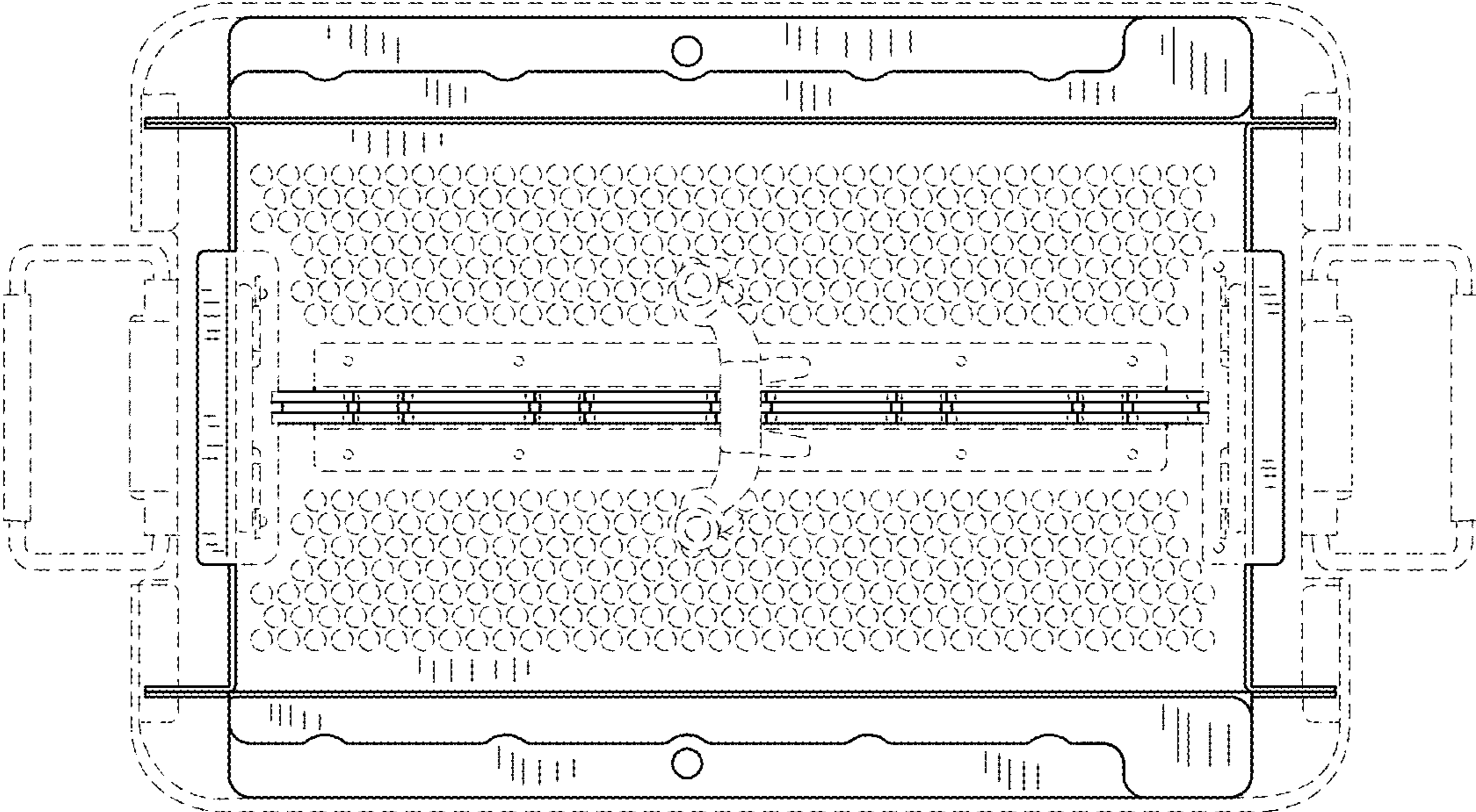


FIG.13



FIG.14