



US00D827812S

(12) **United States Design Patent** (10) **Patent No.:** **US D827,812 S**
Eitzman et al. (45) **Date of Patent:** **** Sep. 4, 2018**

(54) **VALVE COVER WITH OPENINGS**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)

CN 202751705 2/2013
CN 104147719 11/2014

(Continued)

(72) Inventors: **Philip D. Eitzman**, Lake Elmo, MN (US); **Thomas J. Xue**, Woodbury, MN (US)

Primary Examiner — Karen E Kearney

Assistant Examiner — Lilyana Bekic

(74) *Attorney, Agent, or Firm* — Dena M. Ehrich

(73) Assignee: **3M Innovative Properties Company**, St. Paul, MN (US)

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

(57) **CLAIM**

The ornamental design for a valve cover with openings, as shown and described.

(21) Appl. No.: **29/577,886**

(22) Filed: **Sep. 16, 2016**

(51) **LOC (11) Cl.** **29-02**

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

USPC **D24/110.6**; D24/129

(58) **Field of Classification Search**

USPC D24/110.1, 110.6, 162, 127, 129;
D23/332, 335, 355, 356, 366, 388, 412;
D29/102, 105, 106; D3/272, 273, 302,
D3/903; D9/420, 430, 432

CPC A62B 18/025; A62B 18/02; A62B 9/02;
A62B 18/084; A62B 23/02; A62B 7/10;
A62B 18/08; A61M 16/208; A61M
16/201; A61M 16/207; A61M 16/20;
A61M 16/06; A61M 16/0003; A61M
16/206

See application file for complete search history.

DESCRIPTION

U.S. application Ser. No. 29/577,873 filed on Sep. 16, 2016, titled "Valve Cover," is incorporated herein by reference in its entirety.

FIG. 1 is a right top perspective view of a valve cover with openings in accordance with our new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a front elevation thereof;

FIG. 4 is a rear elevation view thereof;

FIG. 5 is a left side elevation view thereof, the right side elevation view is a mirror image thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a right top perspective view thereof and shown attached to a base; and,

FIG. 8 is a right top perspective view of FIG. 7 and shown attached to a respirator.

The right side elevation view of the design of FIG. 1 is a mirror image of the left side elevation view illustrated in FIG. 5.

The broken line showing of the base in FIGS. 7-8 and the respirator in FIG. 8 depict environment and form no part of the claimed design. All other broken lines depict portions of the valve cover with openings that form no part of the claimed design.

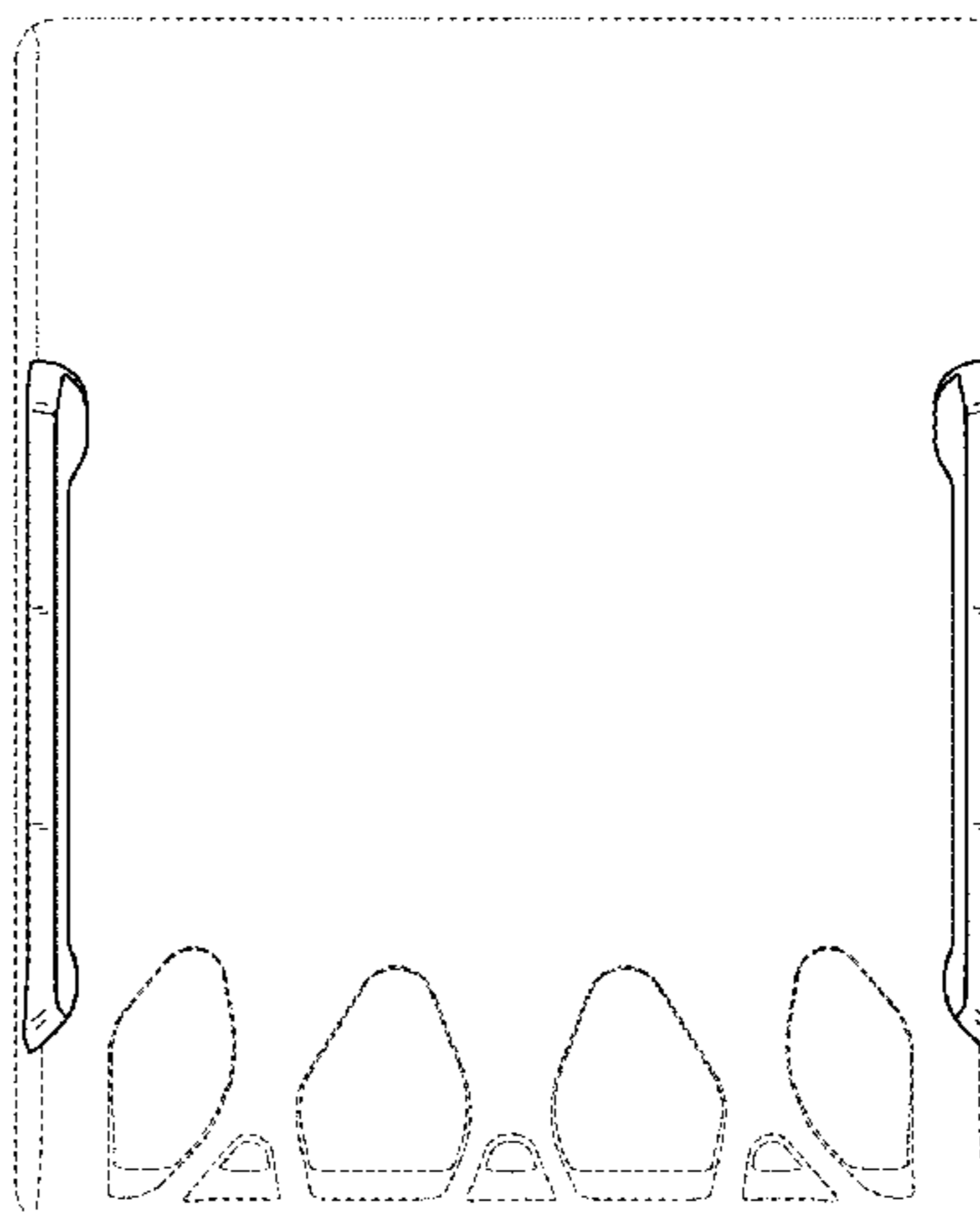
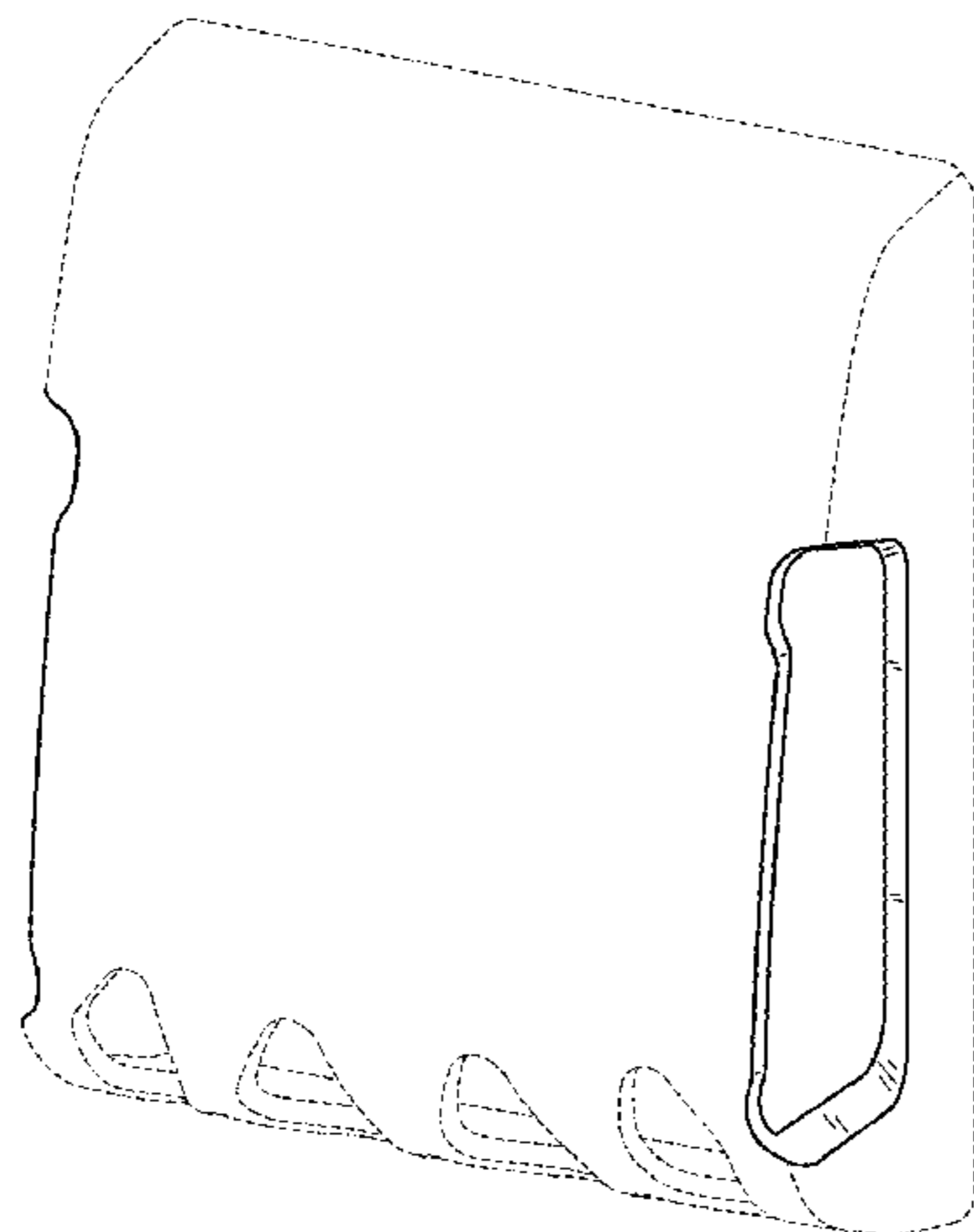
(56) **References Cited**

U.S. PATENT DOCUMENTS

1,268,696 A 6/1918 Donald
2,999,498 A 9/1961 Matheson
3,474,783 A 10/1969 Ulmann
4,414,973 A 11/1983 Matheson
4,630,862 A 12/1986 Watanabe
4,749,003 A 6/1988 Leason
4,838,262 A 6/1989 Katz
4,934,362 A 6/1990 Braun

(Continued)

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,958,633 A 9/1990 Angell
 4,974,586 A 12/1990 Wandel
 4,981,134 A 1/1991 Courtney
 D347,298 S * 5/1994 Japuntich D24/110.4
 D347,299 S * 5/1994 Bryant D16/313
 5,325,892 A * 7/1994 Japuntich A62B 18/025
 137/855
 5,331,957 A 7/1994 Liu
 5,509,436 A * 4/1996 Japuntich A62B 18/025
 137/15.18
 5,687,767 A 11/1997 Bowers
 D389,239 S * 1/1998 Scholey D24/110.6
 D400,662 S * 11/1998 Davis D23/366
 6,047,698 A 4/2000 Magidson
 6,102,039 A * 8/2000 Springett B32B 5/26
 128/206.12
 D431,647 S * 10/2000 Henderson D24/110.1
 6,125,849 A * 10/2000 Williams A62B 23/025
 128/206.12
 6,460,539 B1 * 10/2002 Japuntich A41D 13/1138
 128/205.12
 RE37,974 E * 2/2003 Bowers A62B 18/10
 128/205.24
 6,843,248 B2 1/2005 Japuntich
 7,007,695 B2 3/2006 Curran
 7,013,895 B2 3/2006 Martin
 7,013,985 B2 3/2006 Sasaki
 7,028,689 B2 4/2006 Martin
 7,069,931 B2 4/2006 Curran
 7,117,868 B1 * 10/2006 Japuntich A62B 18/025
 128/205.27
 7,188,622 B2 3/2007 Martin
 7,503,326 B2 3/2009 Martin
 7,686,018 B2 3/2010 Cerbini
 RE43,289 E * 4/2012 Bowers A62B 18/10
 128/205.24
 D657,052 S * 4/2012 Amin D24/110.1
 D657,053 S * 4/2012 Amin D24/110.1
 D676,527 S * 2/2013 Xue D23/248
 D698,498 S * 1/2014 Fleming D29/108
 2002/0023651 A1 * 2/2002 Japuntich A41D 13/11
 128/206.15

2002/0195108 A1 12/2002 Mittelstadt
 2003/0000531 A1 1/2003 Tuck
 2004/0255947 A1 12/2004 Martin
 2005/0061327 A1 * 3/2005 Martin A62B 18/10
 128/206.15
 2005/0155607 A1 7/2005 Martin
 2007/0144524 A1 6/2007 Martin
 2008/0026172 A1 * 1/2008 Stelter A41D 13/1146
 428/36.1
 2008/0026173 A1 * 1/2008 Angadjivand A41D 13/1146
 428/36.1
 2008/0318014 A1 * 12/2008 Angadjivand A41D 13/1146
 428/219
 2009/0000624 A1 * 1/2009 Lee A41D 13/1161
 128/207.11
 2009/0044811 A1 2/2009 Welchel
 2009/0235934 A1 * 9/2009 Martin A41D 13/1138
 128/206.15
 2011/0139158 A1 * 6/2011 Xue A62B 18/025
 128/206.15
 2012/0125341 A1 * 5/2012 Gebrewold A62B 18/025
 128/206.12
 2012/0125342 A1 * 5/2012 Gebrewold A62B 18/025
 128/206.12
 2014/0190492 A1 * 7/2014 Noh A41D 13/1161
 128/863
 2016/0375276 A1 * 12/2016 Martin A62B 9/006
 128/207.12
 2017/0340031 A1 * 11/2017 Henderson A41D 13/11

FOREIGN PATENT DOCUMENTS

CN 204519423 8/2015
 CN 205055246 3/2016
 DE 4029939 3/1992
 EP 1647310 8/2007
 FR 2767482 2/1999
 KR 100912233 8/2009
 RU 154233 8/2015
 WO WO 2004/112906 12/2004
 WO WO 2011/026515 3/2011
 WO WO 2015/1833177 12/2015

* cited by examiner

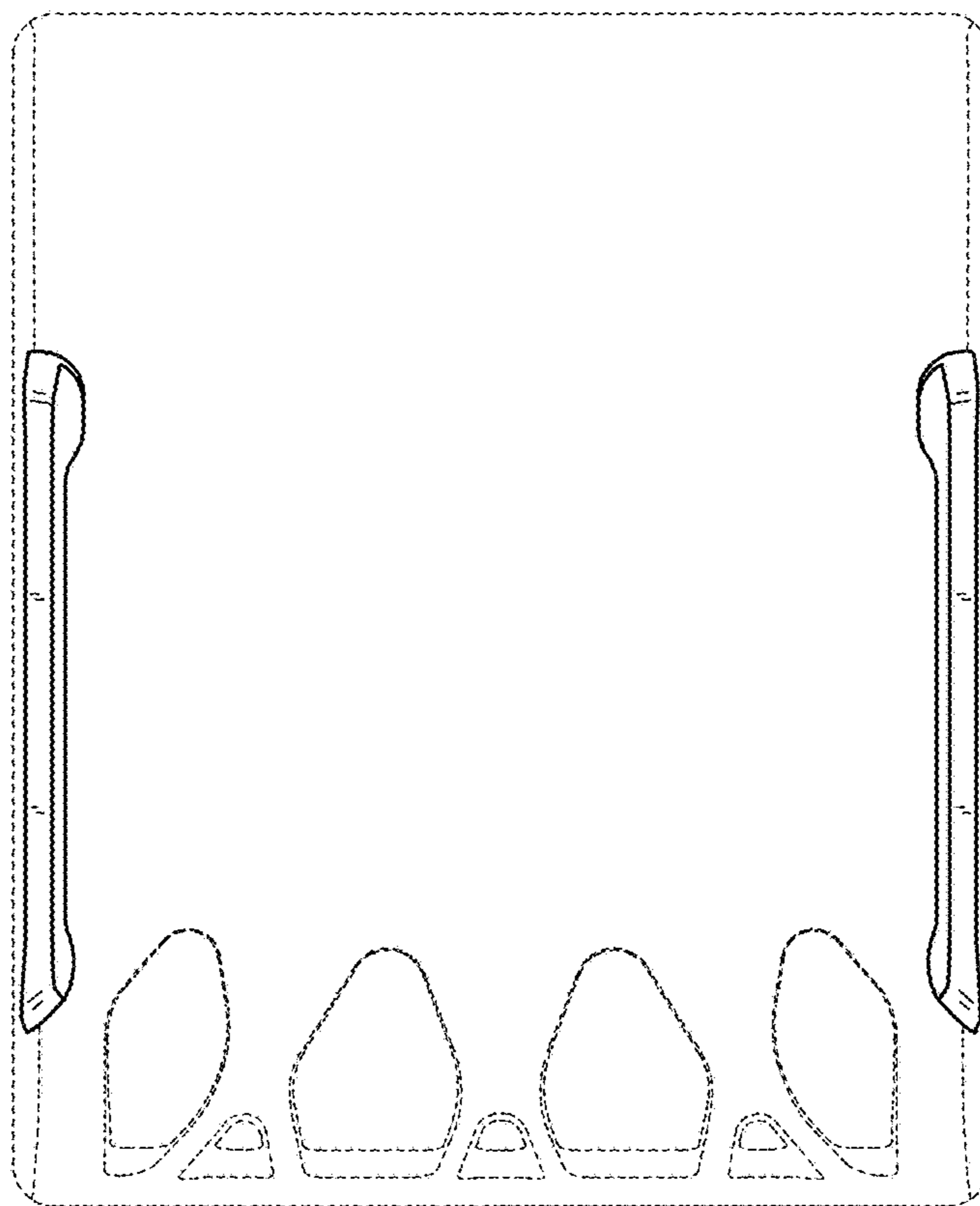
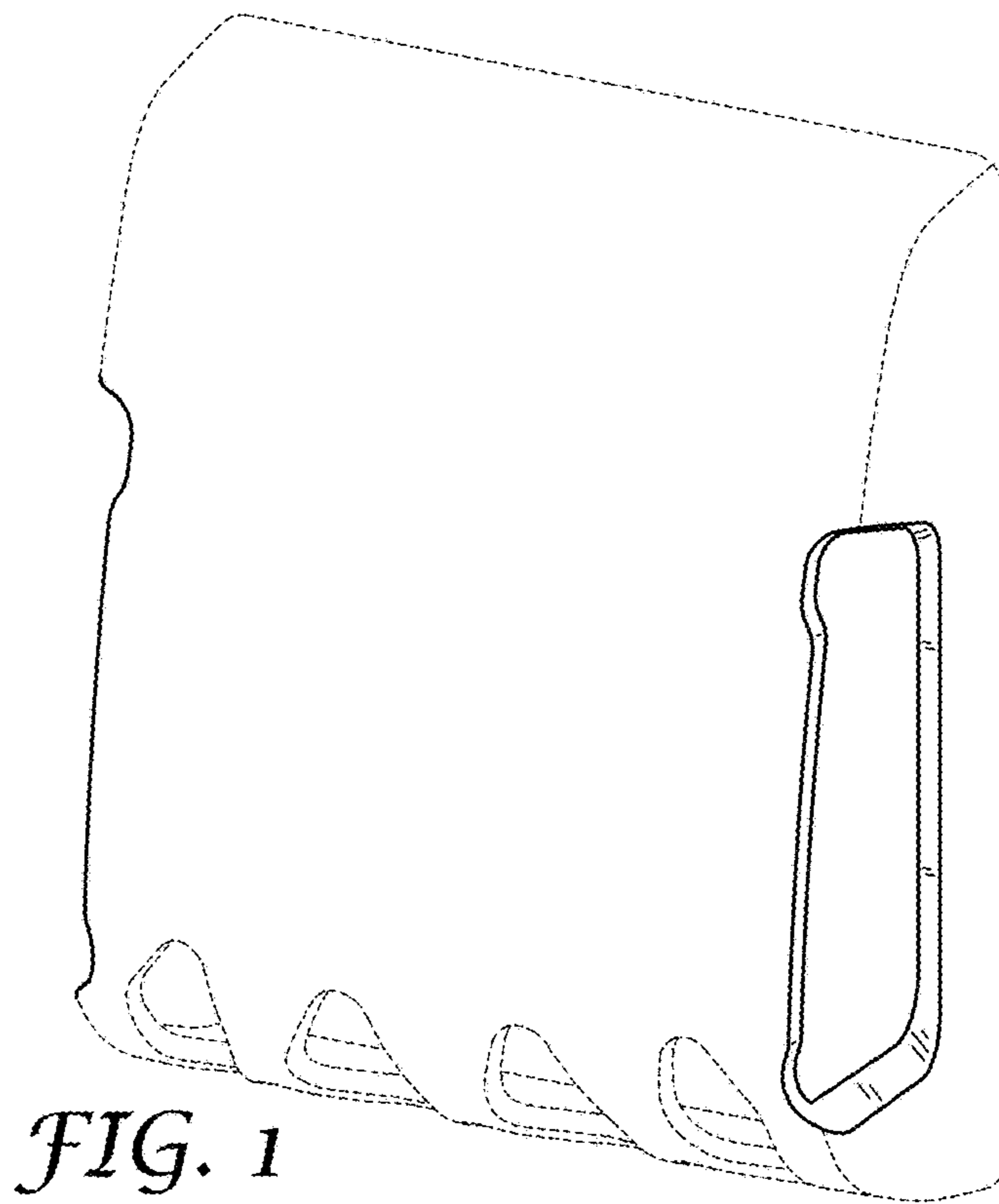


FIG. 2

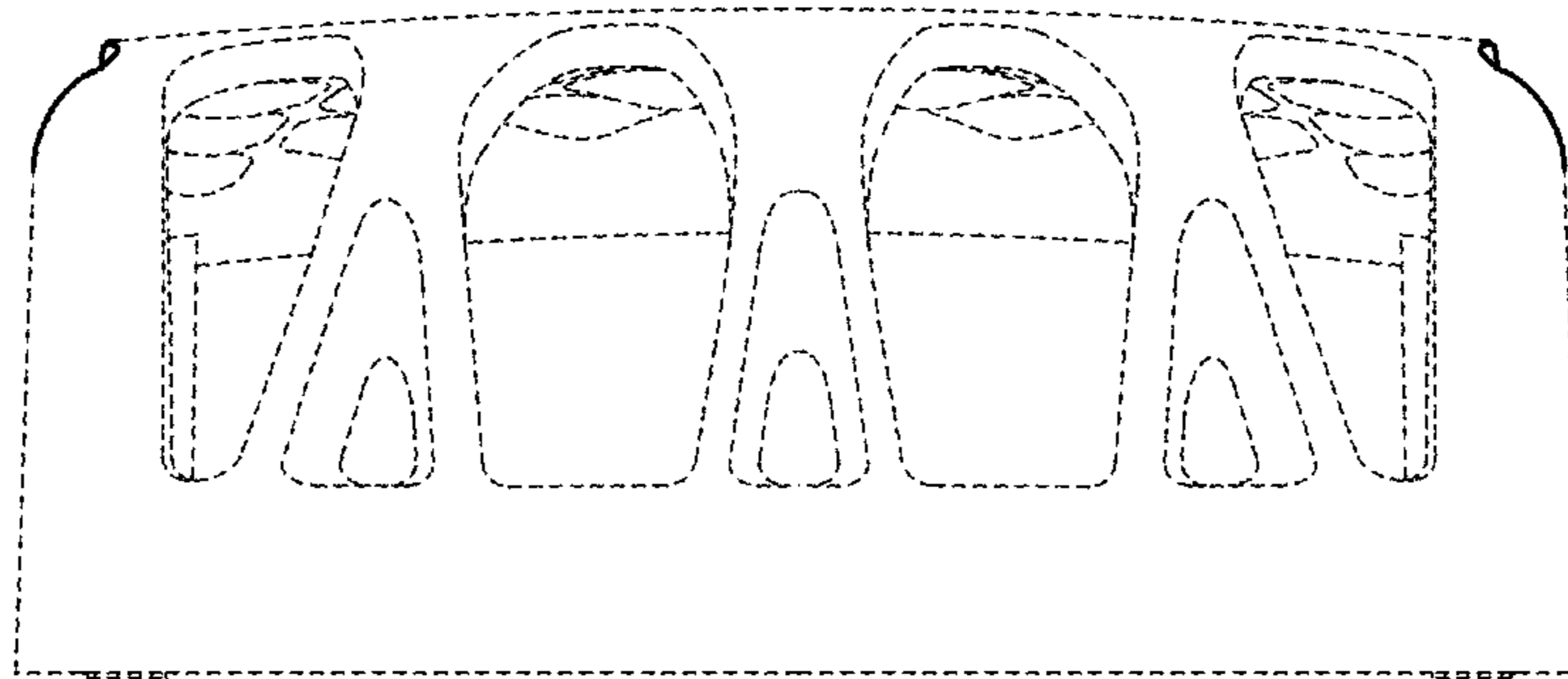


FIG. 3

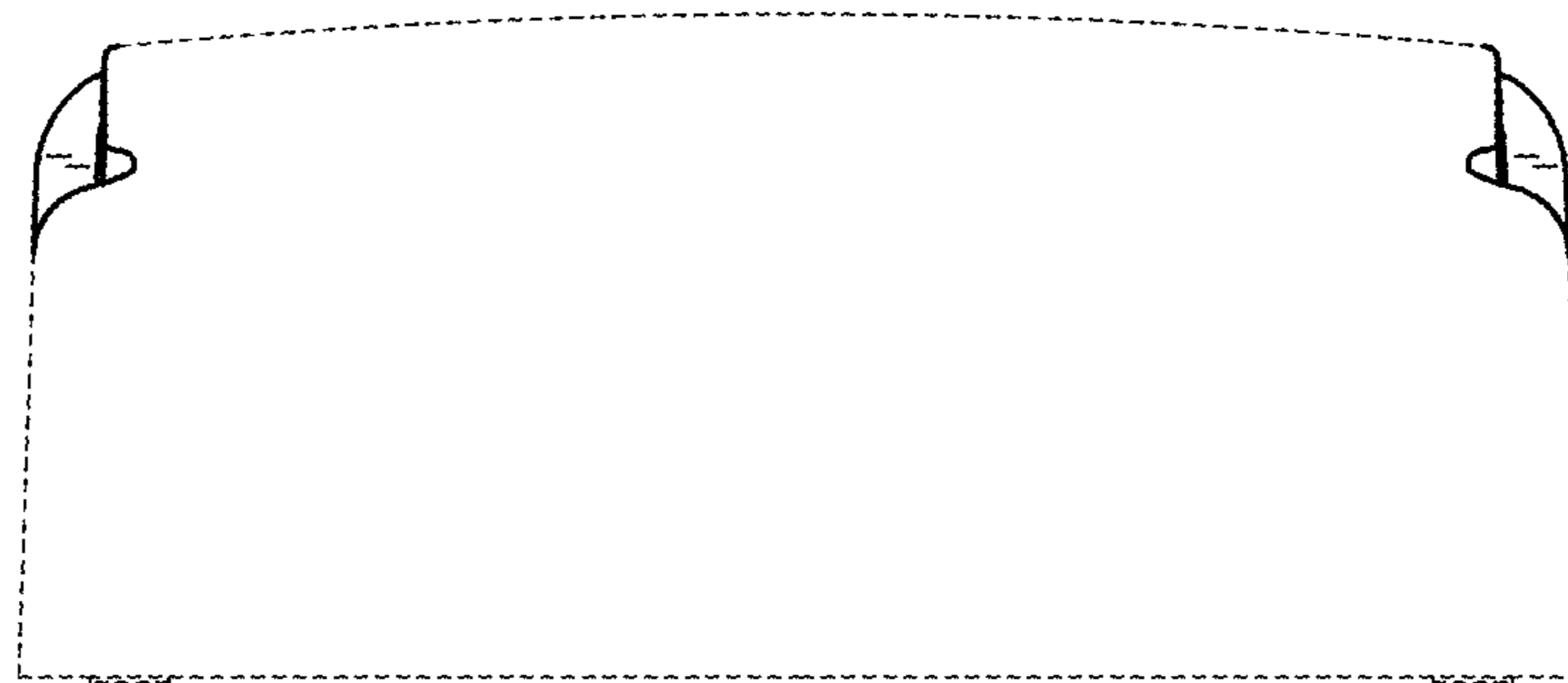


FIG. 4

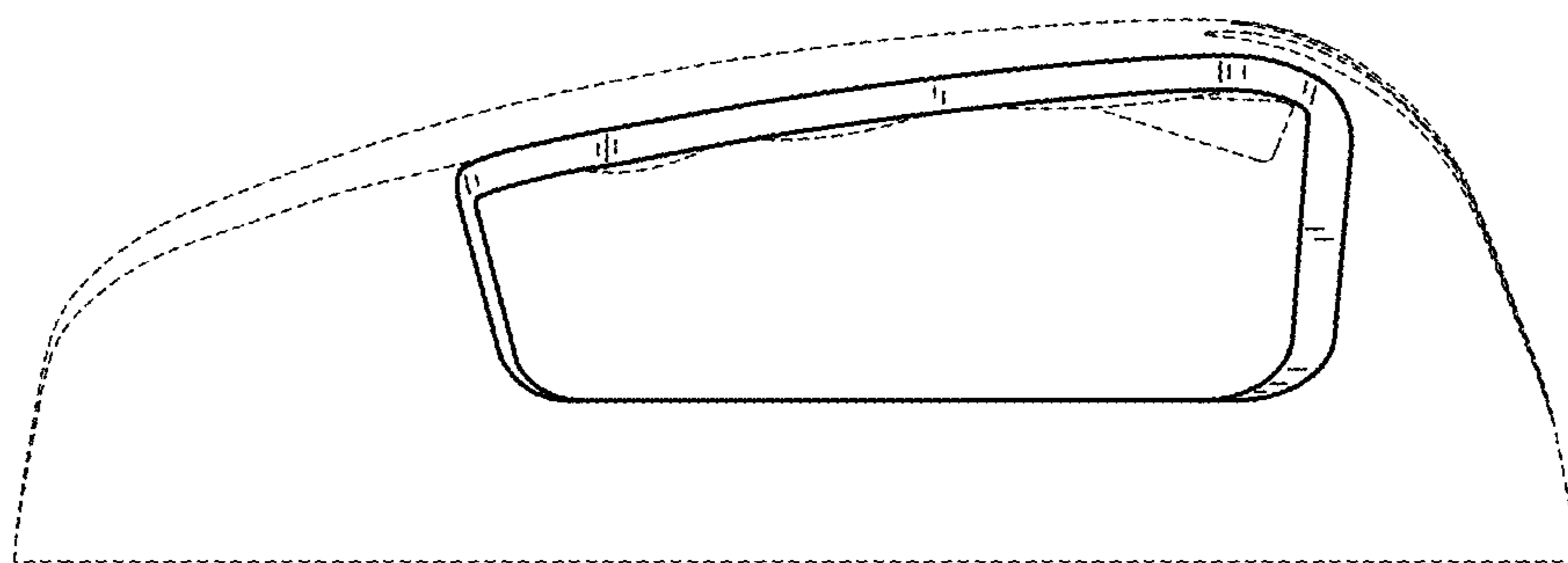


FIG. 5

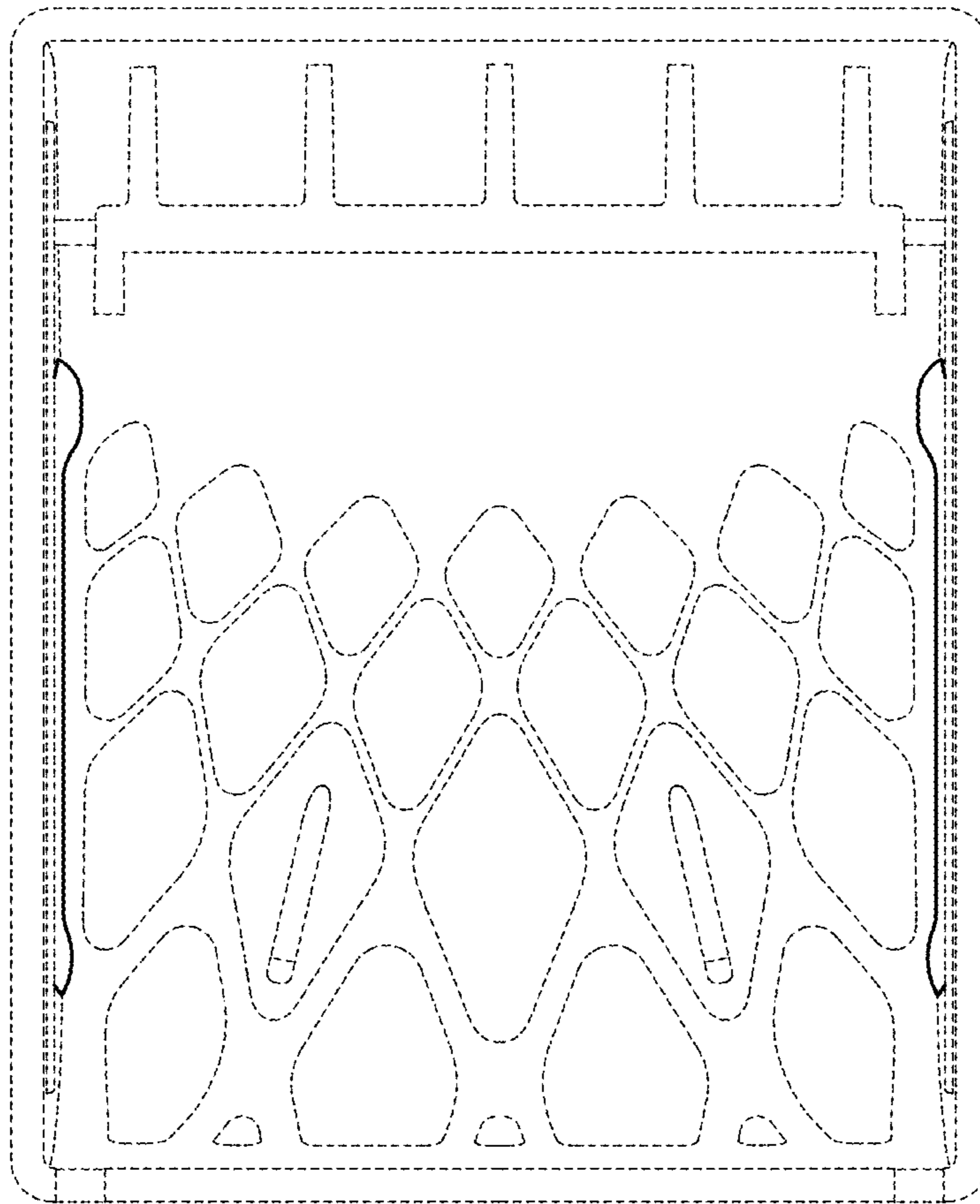


FIG. 6

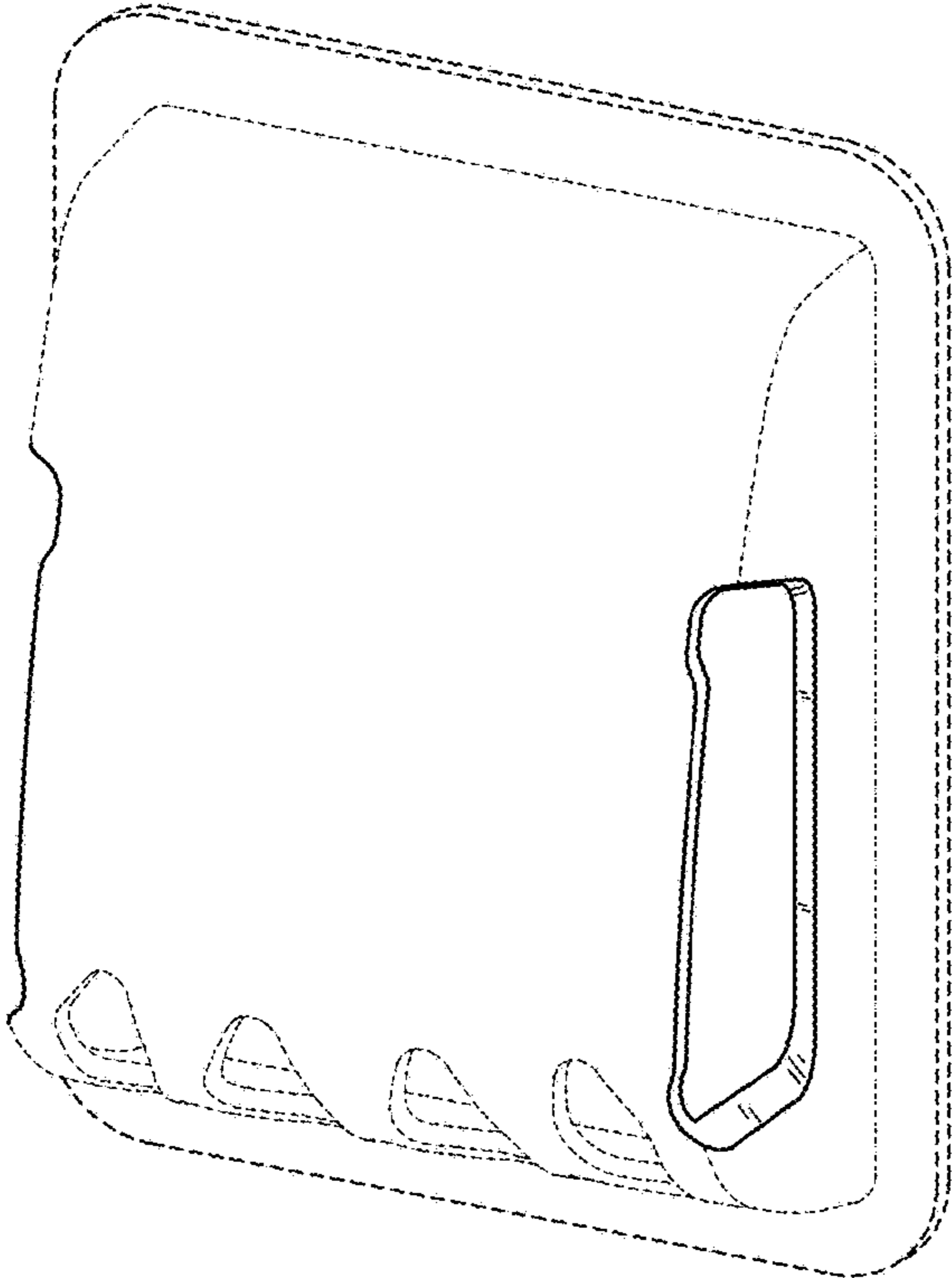


FIG. 7

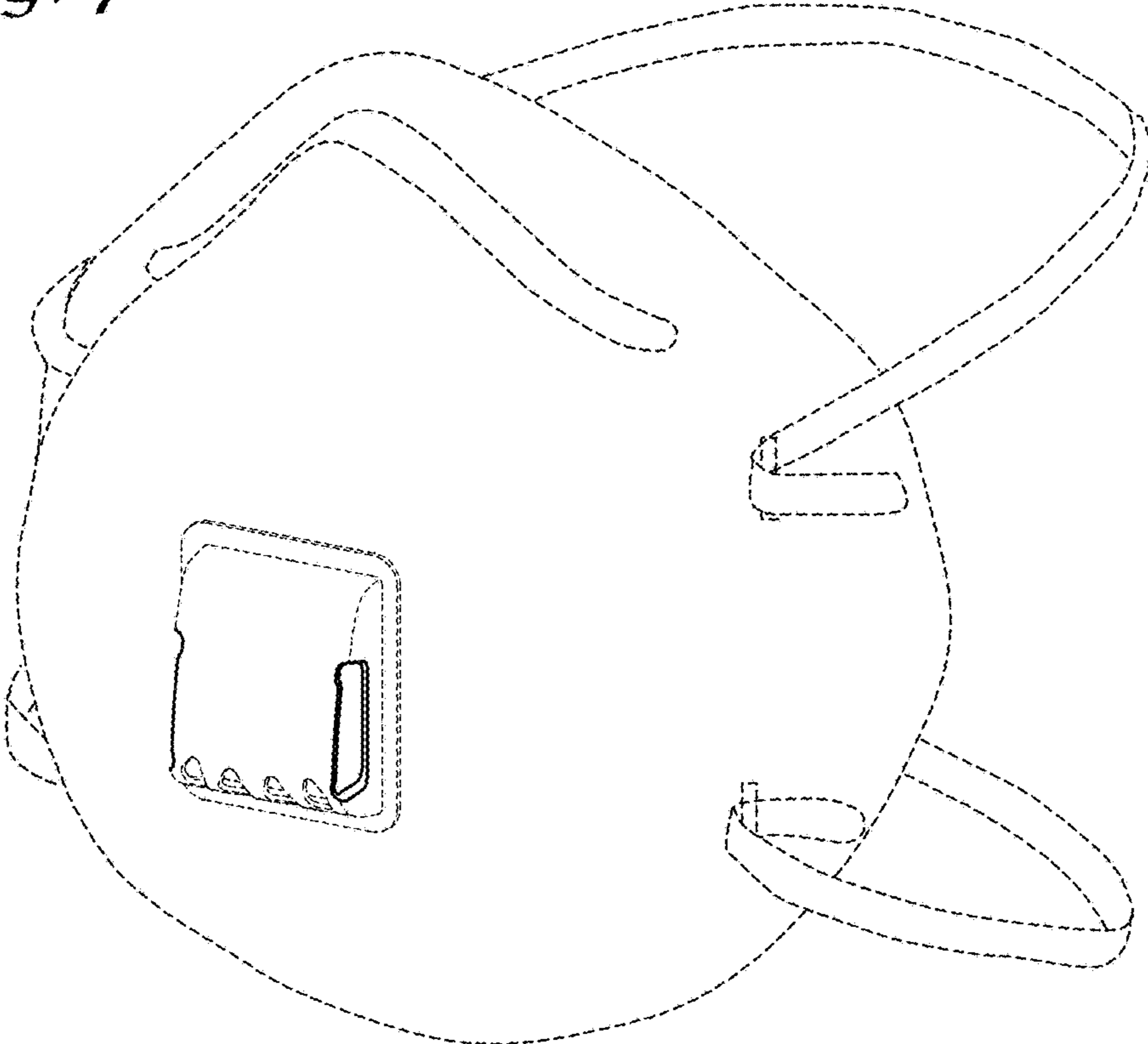


FIG. 8