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(12) **United States Design Patent** (10) **Patent No.:** **US D870,265 S**
Bjelovuk et al. (45) **Date of Patent:** **** Dec. 17, 2019**

(54) **CANISTER FOR COLLECTING WOUND EXUDATE**

(56) **References Cited**

U.S. PATENT DOCUMENTS

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1,220,957 A 3/1917 Conway
1,251,404 A 12/1917 Mills

(Continued)

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FOREIGN PATENT DOCUMENTS

CA 2 819 475 6/2012
DE 1 000 684 1/1957

(Continued)

OTHER PUBLICATIONS

Huntleigh, *WoundAssist* TNP Canister, 6 page Brochure, Huntleigh Healthcare Limited 2007.

(Continued)

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

(57) **CLAIM**

The ornamental design for a canister for collecting wound exudate, as shown and described.

(21) Appl. No.: **29/640,971**

DESCRIPTION

(22) Filed: **Mar. 19, 2018**

FIG. 1 is a top, front, and right side perspective view of a canister for collecting wound exudate showing our new design.

FIG. 2 is a bottom, rear, and left side perspective view thereof.

FIG. 3 is a top plan view thereof.

FIG. 4 is a bottom plan view thereof.

FIG. 5 is a right side view thereof.

FIG. 6 is a left side view thereof.

FIG. 7 is a front view thereof; and,

FIG. 8 is a rear view thereof.

The broken lines represent portions of the canister for collecting wound exudate that form no part of the claimed design.

Related U.S. Application Data

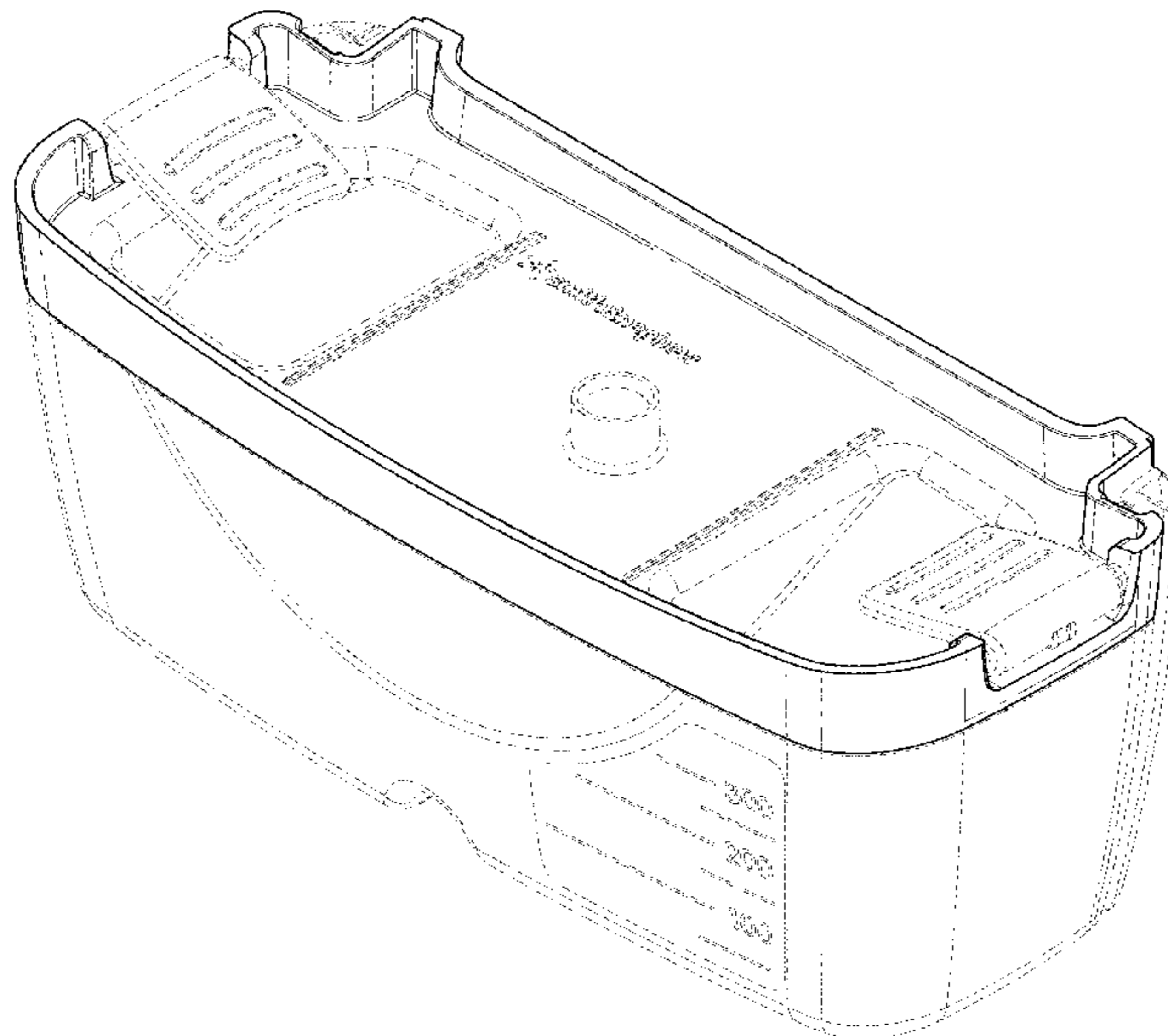
(60) Continuation of application No. 29/574,909, filed on Aug. 19, 2016, now Pat. No. Des. 813,374, which is (Continued)

(51) **LOC (12) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/108**

(58) **Field of Classification Search**
USPC D24/107, 108, 111, 117, 121, 188, 185 (Continued)

1 Claim, 5 Drawing Sheets



Related U.S. Application Data

a division of application No. 29/492,114, filed on May 28, 2014, now Pat. No. Des. 764,653.

(58) **Field of Classification Search**

CPC .. A61M 1/0088; A61M 1/0031; A61M 27/00; A61M 1/0023; A61M 1/0001; A61M 1/009; A61M 1/0096; A61M 1/0058; A61M 1/0066; A61M 1/00

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

1,925,694 A 9/1933 Hawkins
 3,115,138 A 12/1963 McElvenny et al.
 3,295,576 A 1/1967 Schmitt et al.
 D207,194 S 3/1967 Artmann
 D247,068 S 1/1978 Sykes
 4,116,310 A 9/1978 Shields
 D250,225 S 11/1978 Sykes
 4,382,441 A 5/1983 Svedman
 D273,535 S 4/1984 Weinreb
 4,569,674 A 2/1986 Phillips
 4,649,973 A 3/1987 Uchin
 4,655,754 A 4/1987 Richmond et al.
 4,710,165 A 12/1987 McNeil et al.
 4,767,417 A 8/1988 Boehringer
 4,832,299 A 5/1989 Gorton et al.
 4,930,997 A 6/1990 Bennett
 4,969,880 A 11/1990 Zamierowski
 5,083,700 A 1/1992 Mello et al.
 D325,126 S 4/1992 Costello
 5,134,994 A 8/1992 Say
 5,176,663 A 1/1993 Svedman et al.
 5,215,523 A 6/1993 Williams et al.
 5,219,428 A 6/1993 Stern
 D340,351 S 10/1993 Wrath
 5,358,494 A 10/1994 Svedman
 D352,463 S 11/1994 Kubo
 D352,606 S 11/1994 Cylvick et al.
 5,466,229 A 11/1995 Elson
 5,473,536 A 12/1995 Wimmer
 5,527,293 A 6/1996 Zamierowski
 5,636,643 A 6/1997 Argenta et al.
 D380,607 S 7/1997 Leben
 5,645,081 A 7/1997 Argenta et al.
 5,687,717 A 11/1997 Halpern et al.
 D400,249 S 10/1998 Holubar et al.
 D406,899 S 3/1999 Cottle
 D408,625 S 4/1999 Barker
 5,907,721 A 5/1999 Schelling et al.
 D414,925 S 10/1999 Holland
 D418,287 S 1/2000 Moor
 6,010,527 A 1/2000 Augustine et al.
 D423,102 S 4/2000 Mertenant
 6,071,267 A 6/2000 Zamierowski
 D434,150 S 11/2000 Tumey et al.
 6,142,982 A 11/2000 Hunt et al.
 D436,443 S 1/2001 Hillman
 D439,341 S 3/2001 Tumey et al.
 6,279,804 B1 8/2001 Gregg
 D447,336 S 9/2001 Bergkvist et al.
 D449,891 S 10/2001 Moro
 D456,514 S 4/2002 Brown et al.
 6,390,345 B1 5/2002 Brown et al.
 6,398,767 B1 6/2002 Fleischmann
 6,468,199 B1 10/2002 Satou et al.
 D469,175 S 1/2003 Hall et al.
 D469,176 S 1/2003 Hall et al.
 D471,274 S 3/2003 Diaz et al.
 D471,361 S 3/2003 Crandall
 D475,132 S 5/2003 Randolph
 D477,869 S 7/2003 Vijfvinkel
 D478,659 S 8/2003 Hall et al.
 D481,459 S 10/2003 Nahm

6,648,862 B2 11/2003 Watson
 D486,517 S 2/2004 Hendee
 6,738,052 B1 5/2004 Manke et al.
 6,752,794 B2 6/2004 Lockwood et al.
 6,755,807 B2 6/2004 Risk et al.
 6,764,462 B2 7/2004 Risk, Jr. et al.
 6,824,533 B2 11/2004 Risk, Jr. et al.
 D502,802 S 3/2005 Fair
 D504,953 S 5/2005 Ryan
 D505,543 S 5/2005 Miller
 6,936,037 B2 8/2005 Bubb et al.
 6,948,614 B1 9/2005 Hall et al.
 6,957,738 B2 10/2005 Hammond
 D516,217 S 2/2006 Brown et al.
 7,004,915 B2 2/2006 Boynton et al.
 7,022,113 B2 4/2006 Lockwood et al.
 D522,657 S 6/2006 Murphy et al.
 7,077,832 B2 7/2006 Fleischmann
 7,108,683 B2 9/2006 Zamierowski
 D537,944 S 3/2007 Eda et al.
 7,195,624 B2 3/2007 Lockwood et al.
 7,198,046 B1 4/2007 Argenta
 7,216,651 B2 5/2007 Argenta et al.
 D543,691 S 6/2007 Payne et al.
 D544,092 S 6/2007 Lewis
 D545,055 S 6/2007 Lieberman et al.
 D546,952 S 7/2007 May
 D548,347 S 8/2007 Ichino et al.
 D548,954 S 8/2007 Andersen et al.
 D551,578 S 9/2007 Kuriger et al.
 D556,444 S 12/2007 Ipsen et al.
 7,317,954 B2 1/2008 McGreevy
 D565,177 S 3/2008 Locke et al.
 7,438,705 B2 10/2008 Karpowicz et al.
 D581,042 S 11/2008 Randolph et al.
 D581,521 S 11/2008 Locke et al.
 D581,522 S 11/2008 Randolph et al.
 D585,135 S 1/2009 Mori et al.
 D585,137 S 1/2009 Onoda et al.
 D586,466 S 2/2009 Smith et al.
 D587,364 S 2/2009 Pukall et al.
 D587,376 S 2/2009 Takano et al.
 D587,901 S 3/2009 Pidgeon et al.
 D590,934 S 4/2009 Randolph et al.
 D591,039 S 4/2009 Wung et al.
 7,524,315 B2 4/2009 Blott et al.
 D591,500 S 5/2009 Siegel et al.
 7,534,240 B1 5/2009 Johnson
 D593,676 S 6/2009 Locke et al.
 D594,114 S 6/2009 Locke et al.
 D601,692 S 10/2009 Tout et al.
 D602,582 S 10/2009 Pidgeon et al.
 D602,583 S 10/2009 Pidgeon et al.
 D602,584 S 10/2009 Pidgeon et al.
 D607,202 S 1/2010 Pidgeon et al.
 7,678,090 B2 3/2010 Risk, Jr.
 7,694,814 B1 4/2010 Cristobal et al.
 D617,094 S 6/2010 Pidgeon et al.
 D617,461 S 6/2010 Kaushal et al.
 D625,801 S 10/2010 Pidgeon et al.
 D630,313 S 1/2011 Pidgeon et al.
 D630,725 S 1/2011 Pidgeon et al.
 D635,588 S 4/2011 Sprules
 D642,594 S 8/2011 Mattson et al.
 D644,250 S 8/2011 Barber et al.
 8,007,481 B2 8/2011 Schuessler et al.
 D645,137 S 9/2011 Gonzalez
 D650,894 S 10/2011 Gonzalez
 8,048,046 B2 11/2011 Hudspeth et al.
 8,100,873 B2 1/2012 Jaeb et al.
 D654,095 S 2/2012 Mattson et al.
 D654,164 S 2/2012 Cole et al.
 D660,409 S 5/2012 Taggerty et al.
 D661,188 S 6/2012 Fahy
 D661,189 S 6/2012 Fahy
 D661,190 S 6/2012 Fahy
 8,202,262 B2 6/2012 Lina et al.
 8,216,198 B2 7/2012 Heagle et al.
 8,240,470 B2 8/2012 Pidgeon et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

8,287,736 B2 10/2012 Roncadi et al.
 8,317,752 B2 11/2012 Cozmi et al.
 D672,141 S 12/2012 Harbinson
 D675,728 S 2/2013 Tout et al.
 D681,806 S 5/2013 Kataoka et al.
 D682,546 S 5/2013 Nicolini
 D684,365 S 6/2013 Leblanc
 8,494,349 B2 7/2013 Gordon
 8,540,688 B2 9/2013 Eckstein et al.
 8,552,880 B2 10/2013 Kopp et al.
 8,577,692 B2 11/2013 Silkaitis et al.
 8,668,677 B2 3/2014 Eckstein et al.
 8,801,686 B2 8/2014 Bendele et al.
 D726,302 S 4/2015 Hanna
 D750,222 S 2/2016 Chang
 D764,047 S * 8/2016 Bjelovuk D24/108
 D764,048 S 8/2016 Bjelovuk et al.
 D764,653 S * 8/2016 Bjelovuk D24/108
 D764,654 S * 8/2016 Bjelovuk D24/108
 D765,830 S * 9/2016 Bjelovuk D24/108
 D770,173 S 11/2016 Brophy et al.
 D788,293 S 5/2017 Eckstein
 9,642,950 B2 5/2017 Hartwell
 9,642,951 B2 5/2017 Middleton et al.
 D802,744 S * 11/2017 Bjelovuk D24/108
 D813,374 S * 3/2018 Bjelovuk D24/108
 D814,016 S * 3/2018 Bjelovuk D24/108
 D815,726 S * 4/2018 Bjelovuk D24/108
 D815,727 S 4/2018 Bjelovuk et al.
 10,286,986 B2 5/2019 Hugh
 2002/0198503 A1 12/2002 Risk, Jr. et al.
 2003/0050594 A1 3/2003 Zamierowski
 2005/0177190 A1 8/2005 Zamierowski
 2005/0247732 A1 11/2005 Ouke
 2006/0289329 A1 12/2006 Miller
 2007/0038172 A1 2/2007 Zamierowski
 2007/0131573 A1 6/2007 Boyles
 2007/0193902 A1 8/2007 Myers et al.
 2007/0250009 A1 10/2007 Barak
 2007/0260226 A1 11/2007 Jaeb et al.
 2008/0033400 A1 2/2008 Holper et al.
 2008/0071234 A1 3/2008 Kelch et al.
 2008/0200905 A1 8/2008 Heaton
 2008/0272254 A1 11/2008 Harr et al.
 2009/0012482 A1 1/2009 Pinto
 2009/0043268 A1 2/2009 Eddy et al.
 2009/0076467 A1 3/2009 Pinto
 2009/0125055 A1 5/2009 Larkin et al.
 2009/0221990 A1 9/2009 Jaeb et al.
 2009/0254066 A1 10/2009 Heaton
 2009/0270820 A1 10/2009 Johnson
 2009/0299306 A1 12/2009 Buan
 2009/0312725 A1 12/2009 Braga
 2010/0022990 A1 1/2010 Karpowicz et al.
 2010/0036333 A1 2/2010 Schenk, III et al.
 2010/0187065 A1 7/2010 Pidgeon et al.
 2010/0191199 A1 7/2010 Evans et al.
 2010/0207768 A1 8/2010 Pidgeon et al.
 2010/0286638 A1 11/2010 Malhi
 2011/0038741 A1 2/2011 Lissner et al.
 2011/0066110 A1 3/2011 Fathallah et al.

2011/0077605 A1 3/2011 Karpowicz et al.
 2011/0190703 A1 8/2011 Pratt et al.
 2011/0290979 A1 12/2011 Henault et al.
 2012/0123323 A1 5/2012 Kagan et al.
 2012/0181405 A1 7/2012 Zlatic et al.
 2012/0271256 A1 10/2012 Locke et al.
 2012/0302979 A1 11/2012 Locke et al.
 2013/0066301 A1 3/2013 Locke et al.
 2013/0110058 A1 5/2013 Adie et al.
 2013/0310809 A1 11/2013 Armstrong et al.
 2014/0309600 A1 10/2014 Aceto et al.
 2015/0190288 A1 7/2015 Dunn et al.
 2016/0074637 A1 3/2016 Croizat et al.
 2016/0184498 A1 * 6/2016 Jaeb A61M 1/0001
 604/321
 2016/0287765 A1 10/2016 Canner et al.
 2018/0304065 A1 * 10/2018 Armstrong A61M 1/0088

FOREIGN PATENT DOCUMENTS

DE 20301859 6/2003
 DE 10 2010 036405 1/2012
 EP 0 777 504 B1 10/1998
 EP 2 319 476 5/2011
 EP 1 565 219 B1 2/2014
 GB 2 037 150 7/1980
 GB 1 575 266 9/1980
 GB 2 195 255 4/1988
 GB 2 307 180 5/1997
 WO WO 90/11795 10/1990
 WO WO 91/00718 1/1991
 WO WO 92/20299 11/1992
 WO WO 96/05873 2/1996
 WO WO 03/074106 9/2003
 WO WO 04/037334 5/2004
 WO WO 05/006975 1/2005
 WO WO 05/105180 1/2005
 WO WO 07/013064 2/2007
 WO WO 07/024230 3/2007
 WO WO 07/030599 3/2007
 WO WO 08/036344 3/2008
 WO WO 09/151645 12/2009
 WO WO 10/017484 2/2010
 WO WO 10/039481 4/2010
 WO WO 13/126049 8/2013
 WO WO 14/151930 9/2014
 WO WO 15/091070 6/2015

OTHER PUBLICATIONS

International Search Report and Written Opinion for International Application No. PCT/US2014/026692, Notification dated Mar. 2, 2015.
 Medela: Invia Motion, Negative Pressure Wound Therapy System, Clinical Instructions for Use, 76 pages. Medela AB/200.4168/2012-11/A.
 Molnlycke IFU Solo Pump—Patient Instructions for Use, issued 2013-05/200.6006/A, 448096 rev 04. 121 pages.
 International Preliminary Report on Patentability, re PCT Application No. PCT/US2014/026692, dated Sep. 24, 2015.

* cited by examiner

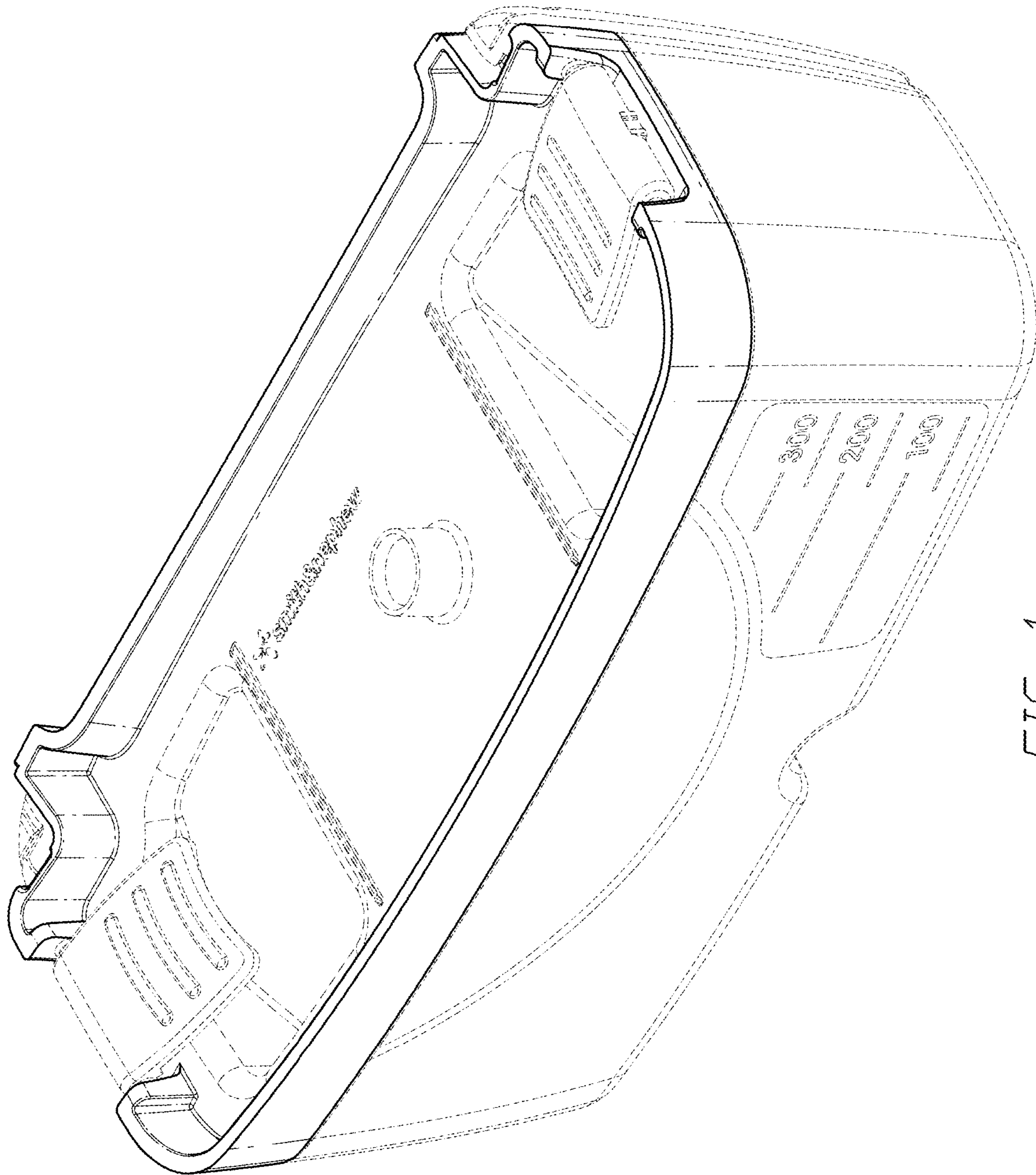


FIG. 1

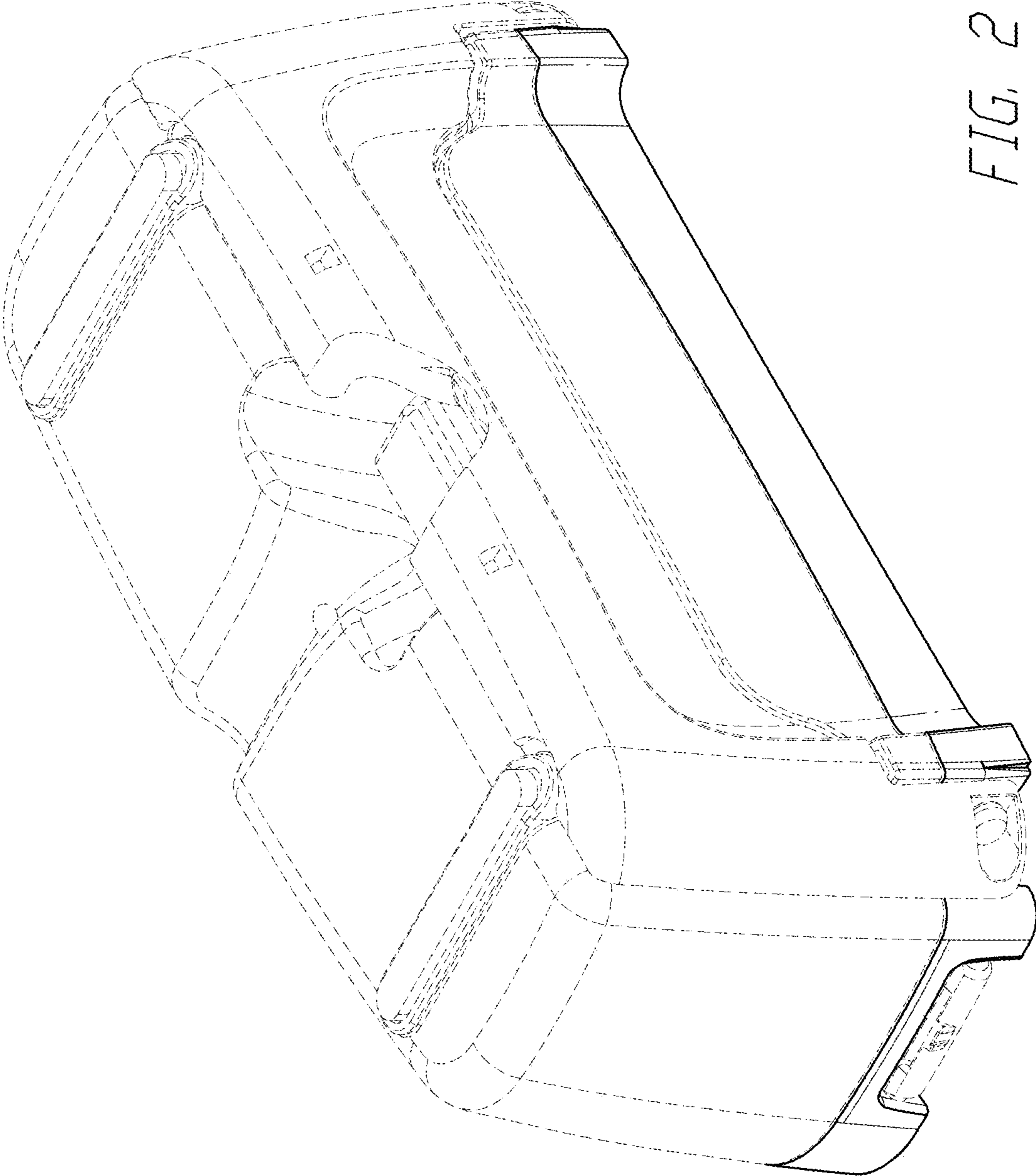


FIG. 2

FIG. 3

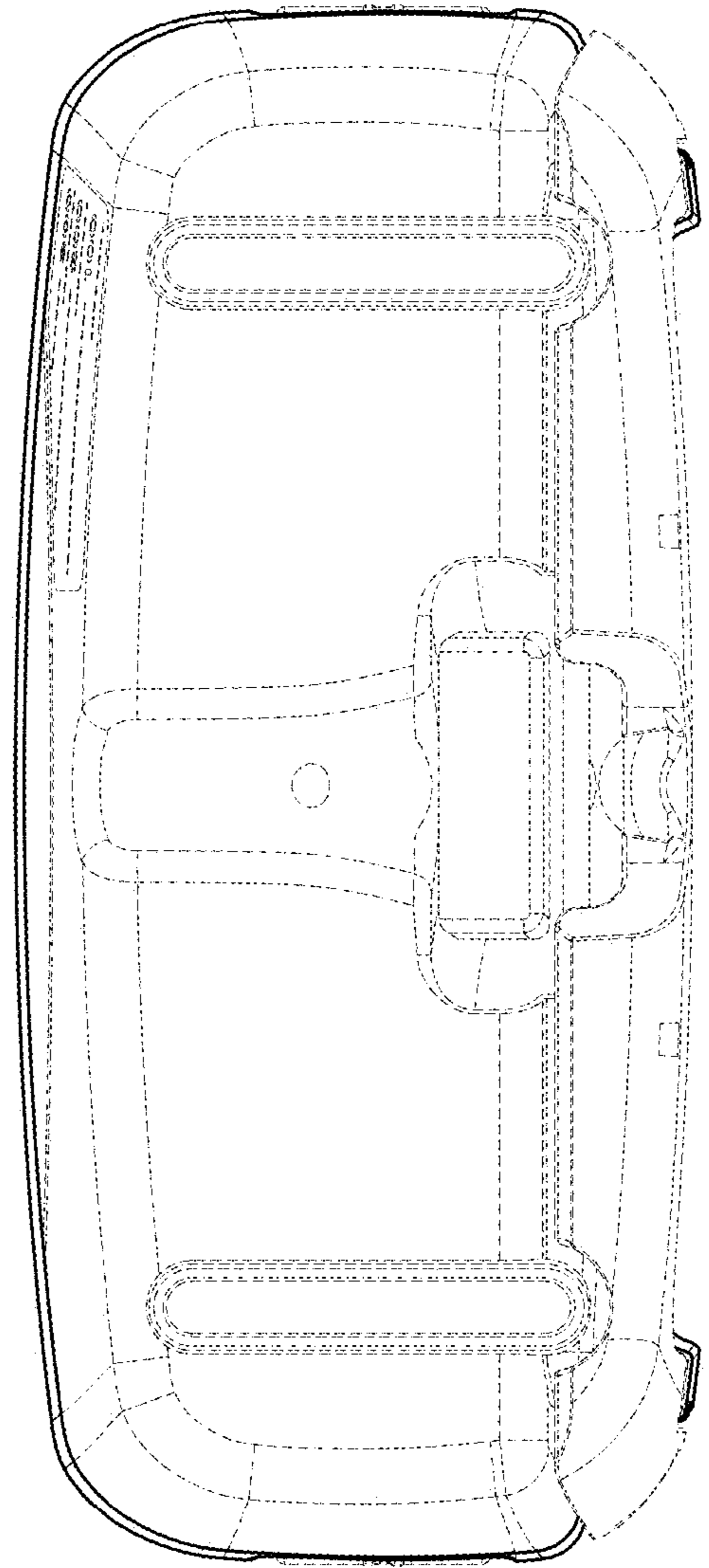
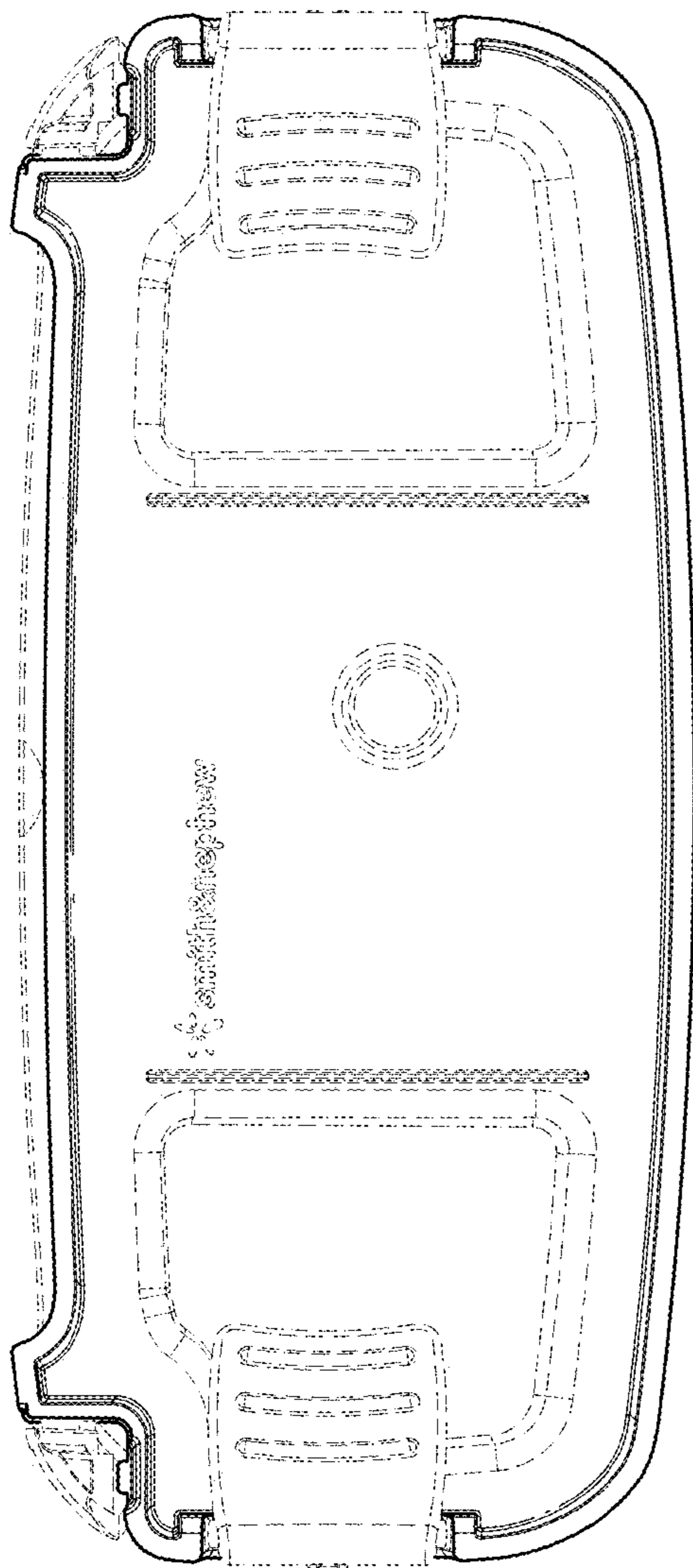


FIG. 4

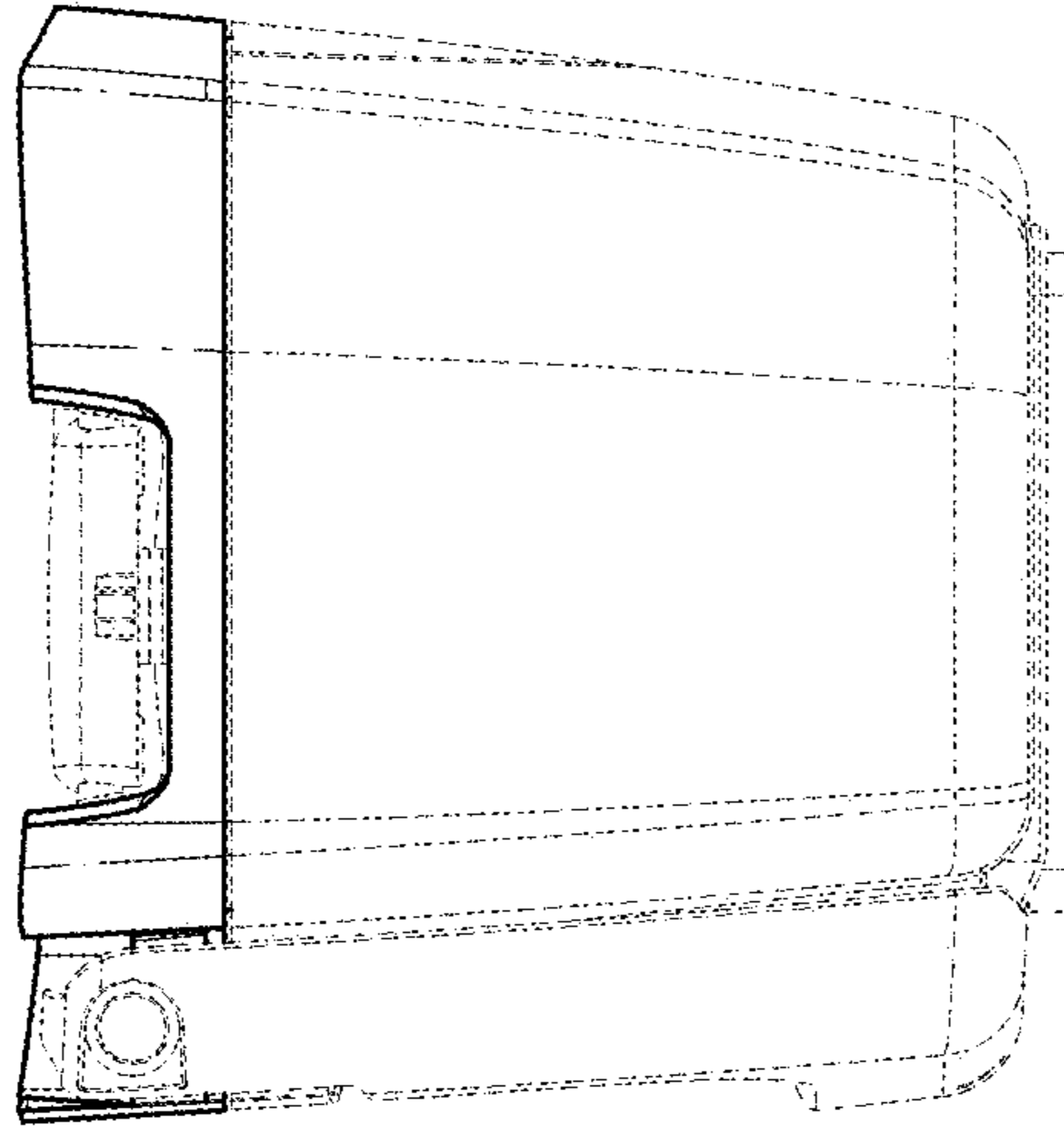


FIG. 6

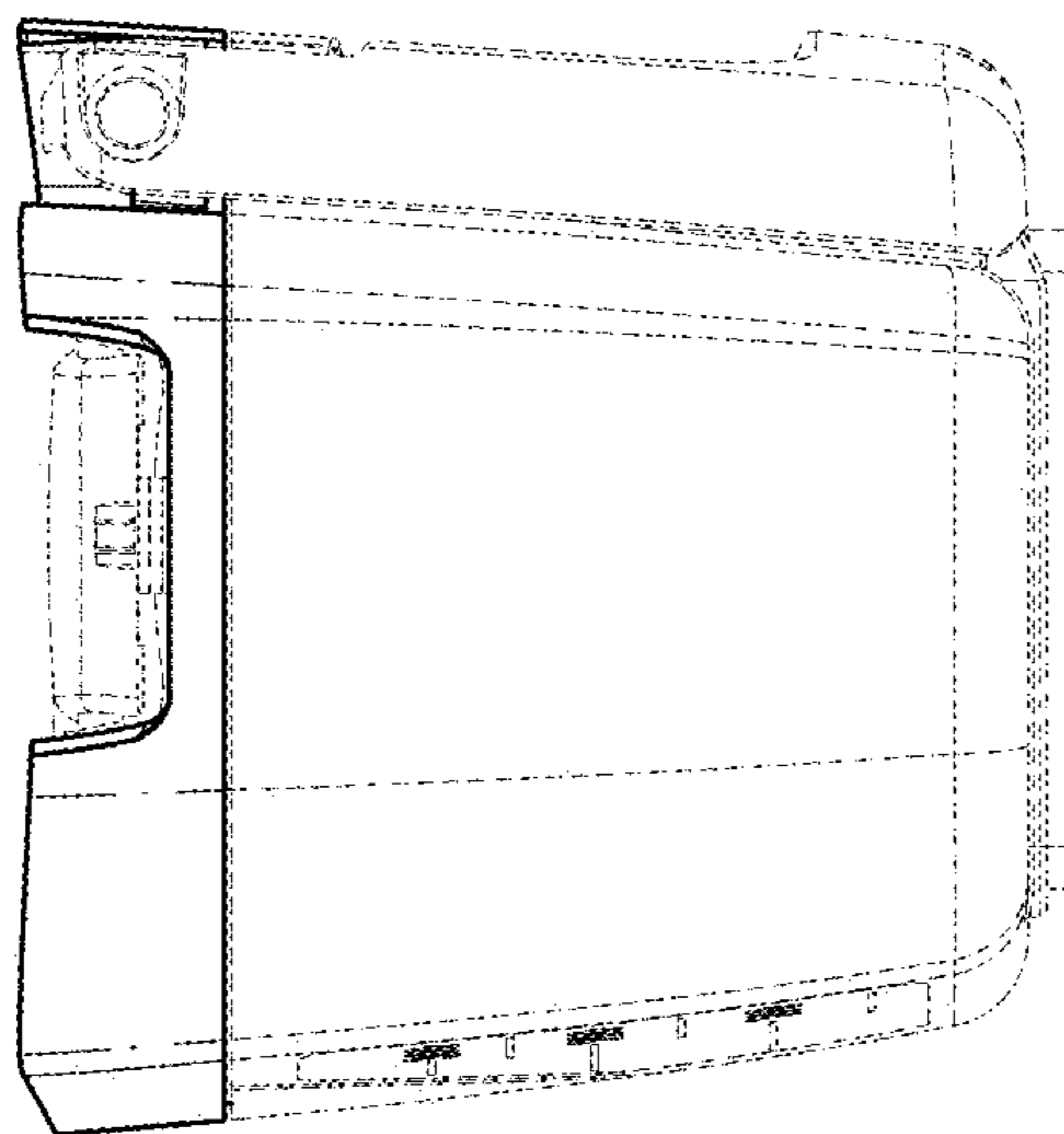


FIG. 5

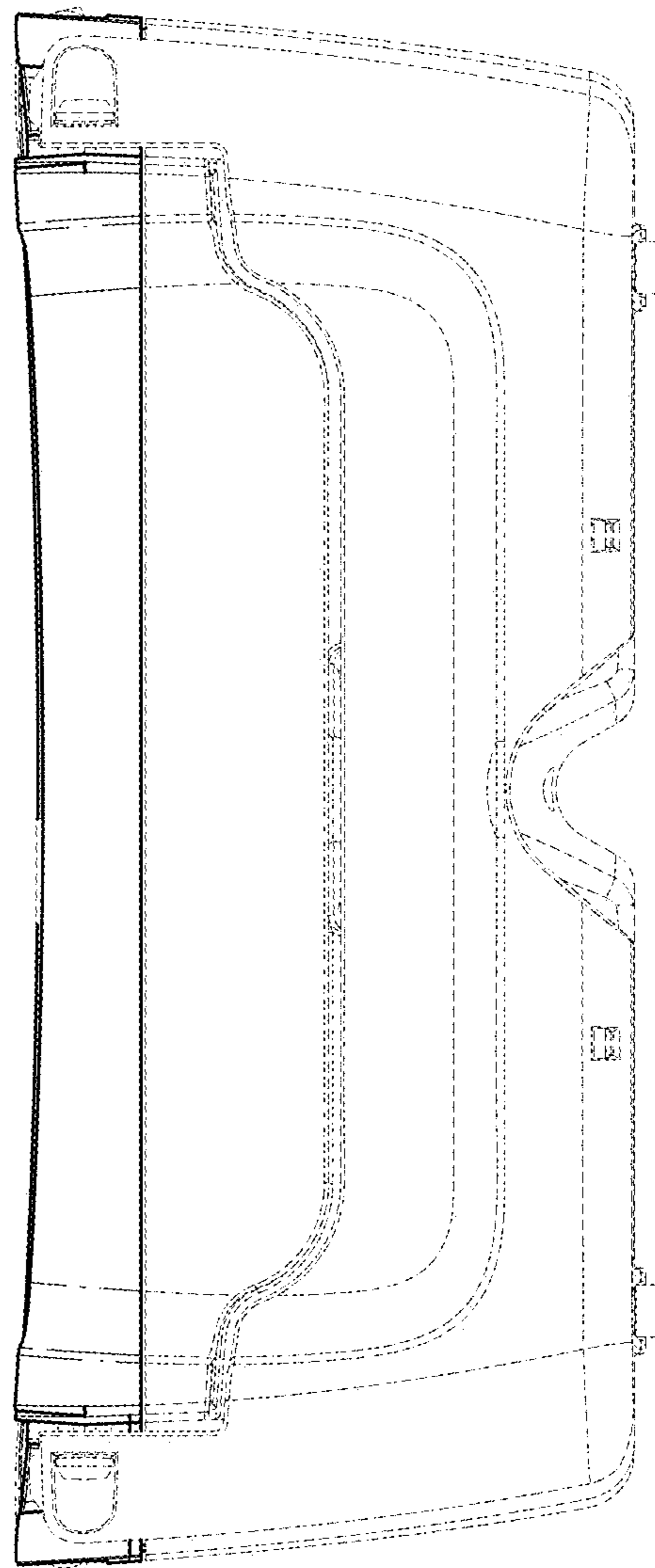
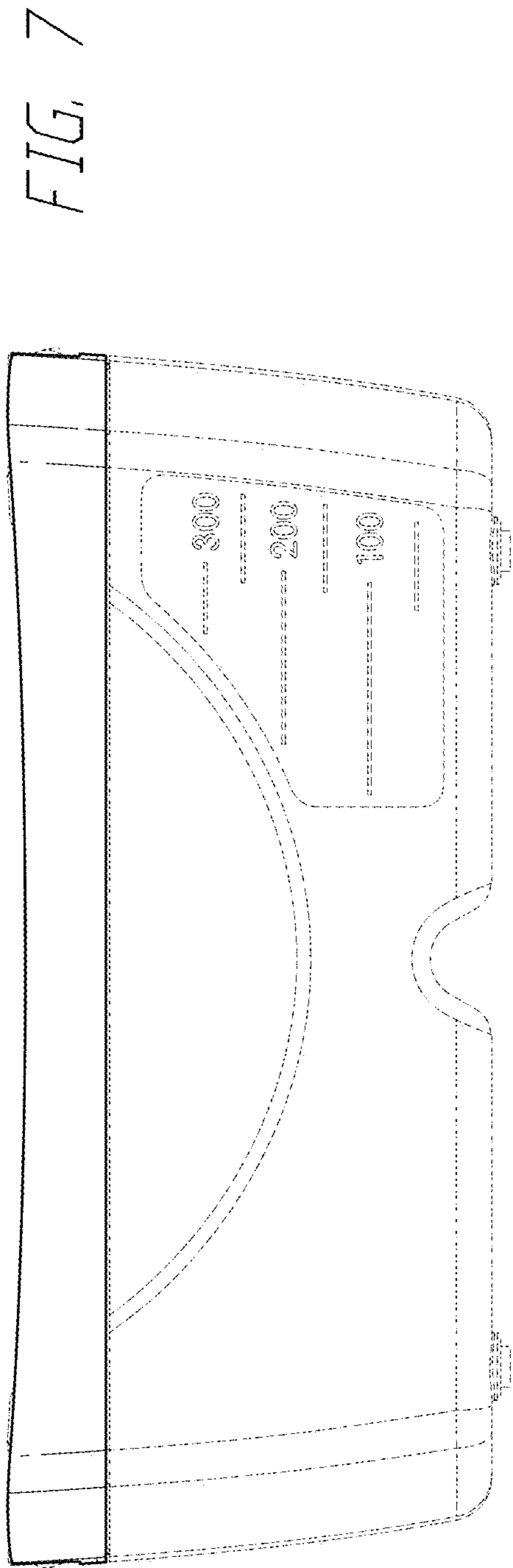


FIG. 8