



US00D770173S

(12) **United States Design Patent** (10) **Patent No.:** **US D770,173 S**
Brophy et al. (45) **Date of Patent:** **** Nov. 1, 2016**

(54) **BAG**

OTHER PUBLICATIONS

(71) Applicant: **Smith & Nephew, Inc.**, Memphis, TN
(US)Medela Invia Motion Clinical Instructions for Use (2012) in 76
pages.

(Continued)

(72) Inventors: **Edward Brophy**, Argyll and Bute
(GB); **David Chadwick**, Skipton (GB);
Kathryn Ann Leigh, Saint Petersburg,
FL (US)*Primary Examiner* — Derrick Holland*Assistant Examiner* — Jennifer O King(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson
& Bear LLP(73) Assignee: **Smith & Nephew, Inc.**, Memphis, TN
(US)(57) **CLAIM**

The ornamental design for a bag, as shown and described.

(**) Term: **14 Years****DESCRIPTION**(21) Appl. No.: **29/492,729**(22) Filed: **Jun. 2, 2014**(51) **LOC (10) Cl.** **03-01**(52) **U.S. Cl.**
USPC **D3/232**(58) **Field of Classification Search**USPC D3/203.1, 232–233, 240–243, 245, 246,
D3/289, 301, 318; D24/108, 111; 206/570;
222/183; 383/106, 26; D14/440, 447,
D14/482; 150/100, 103–110, 117–119
CPC .. A45C 1/024; A45C 3/06; A45C 2011/007;
A45F 3/02; A61F 17/00
See application file for complete search history.(56) **References Cited**

U.S. PATENT DOCUMENTS

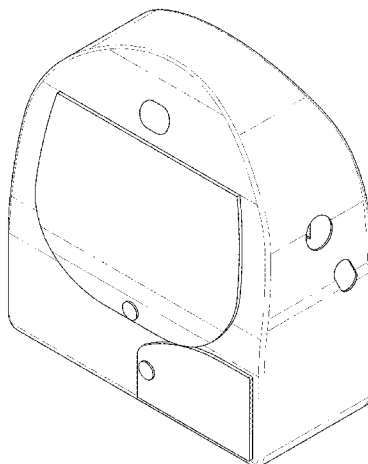
1,220,957 A * 3/1917 Conway A45F 3/02
206/216
1,251,404 A * 12/1917 Mills A45C 3/06
119/497

(Continued)

FOREIGN PATENT DOCUMENTS

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

(Continued)

1 Claim, 14 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

- 1,925,694 A * 9/1933 Hawkins A45C 11/38
206/316.2
- 3,115,138 A 12/1963 McElvenny et al.
- 3,295,576 A 1/1967 Schmitt et al.
- D207,194 S * 3/1967 Artmann D3/232
- D247,068 S * 1/1978 Sykes D3/268
- 4,116,310 A * 9/1978 Shields A45F 3/02
224/576
- D250,225 S * 11/1978 Sykes D3/243
- 4,382,441 A 5/1983 Svedman
- D273,535 S * 4/1984 Weinreb 150/113
- 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
- 4,979,944 A 12/1990 Luzsicza
- 5,083,700 A * 1/1992 Mello B65D 5/4204
206/806
- D325,126 S * 4/1992 Costello D3/203.8
- 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 D3/217
- 5,358,494 A 10/1994 Svedman
- D352,463 S 11/1994 Kubo
- D352,606 S * 11/1994 Cylvick D3/203.1
- 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 D3/243
- 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 D3/201
- 6,010,527 A 1/2000 Augustine et al.
- D423,102 S 4/2000 Mertenat
- 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 D3/283
- D439,341 S 3/2001 Tumey et al.
- 6,279,804 B1 8/2001 Gregg
- D447,336 S * 9/2001 Bergkvist D3/242
- 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 D24/108
- D471,274 S 3/2003 Diaz et al.
- D471,361 S * 3/2003 Crandall D3/292
- D475,132 S 5/2003 Randolph
- D477,869 S 7/2003 Vijfinkel
- D478,659 S 8/2003 Hall et al.
- D481,459 S 10/2003 Naham
- 6,648,862 B2 11/2003 Watson
- D486,517 S * 2/2004 Hendee D19/26
- 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 D3/218
- D504,953 S 5/2005 Ryan
- D505,543 S * 5/2005 Miller D3/203.6
- 6,936,037 B2 8/2005 Bubb
- 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.
- 7,077,832 B2 7/2006 Fleischmann
- 7,108,683 B2 9/2006 Zamierowski
- D533,807 S * 12/2006 English D11/212
- D537,944 S 3/2007 Eda et al.
- 7,195,624 B2 3/2007 Lockwood
- 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.
- 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 D24/108
- 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 D3/203.1
- 7,524,315 B2 4/2009 Blott et al.
- D591,500 S * 5/2009 Siegel D3/232
- 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.
- 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
- 8,048,046 B2 11/2011 Hudspeth et al.
- D650,894 S 12/2011 Gonzalez
- 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.
- 8,287,736 B2 10/2012 Roncadi et al.
- 8,317,752 B2 11/2012 Cozmi et al.
- D672,141 S * 12/2012 Harbinson D3/232
- 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 D3/289
- 8,494,349 B2 7/2013 Gordon
- 8,552,880 B2 10/2013 Kopp et al.
- 8,577,692 B2 11/2013 Silkaitis et al.
- 8,801,686 B2 8/2014 Bendele et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

D726,302	S *	4/2015	Hanna	D24/107
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	Duke	
2006/0289329	A1 *	12/2006	Miller	A45C 7/0054 206/570
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	
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.	

FOREIGN PATENT DOCUMENTS

DE	3 431 426	7/1985
DE	20301859	6/2003
DE	10 2010 036405	1/2012
EP	0 777 504	10/1998
EP	2 319 476	5/2011
EP	1 565 219	2/2014
GB	2037150	7/1980
GB	1575266	9/1980
GB	2195255	4/1988
GB	2307180	5/1997
WO	WO 90/11795	10/1990
WO	WO 91/00718	1/1991
WO	WO 92/02099	11/1992
WO	WO 96/05873	2/1996
WO	WO 03/074106	9/2003
WO	WO 2004/037334	5/2004
WO	WO 2005/006975	1/2005
WO	WO 2005/105180	11/2005
WO	WO 2007/013064	2/2007
WO	WO 2007/024230	3/2007
WO	WO 2007/030599	3/2007
WO	WO 2008/036344	3/2008
WO	WO 2009/151645	12/2009
WO	WO 2010/017484	2/2010
WO	WO 2010/039481	4/2010
WO	WO 2013/126049	8/2013
WO	WO 2015/091070	6/2015

OTHER PUBLICATIONS

Molnlycke IFU Solo Pump—Patient Instructions for Use (2013) in 121 pages.

U.S. Appl. No. 29/492,114, filed May 28, 2014, Smith & Nephew.
U.S. Appl. No. 29/491,116, filed May 28, 2014, Smith & Nephew.
U.S. Appl. No. 29/492,121, filed May 28, 2014, Smith & Nephew.
Huntleigh, *WoundAssist* TNP Canister, 6 page Brochure, Huntleigh Healthcare Limited 2007.

International Search Report and Written Opinion for International Application No. PCT/US2014/026692, Notification mailed 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.

* cited by examiner

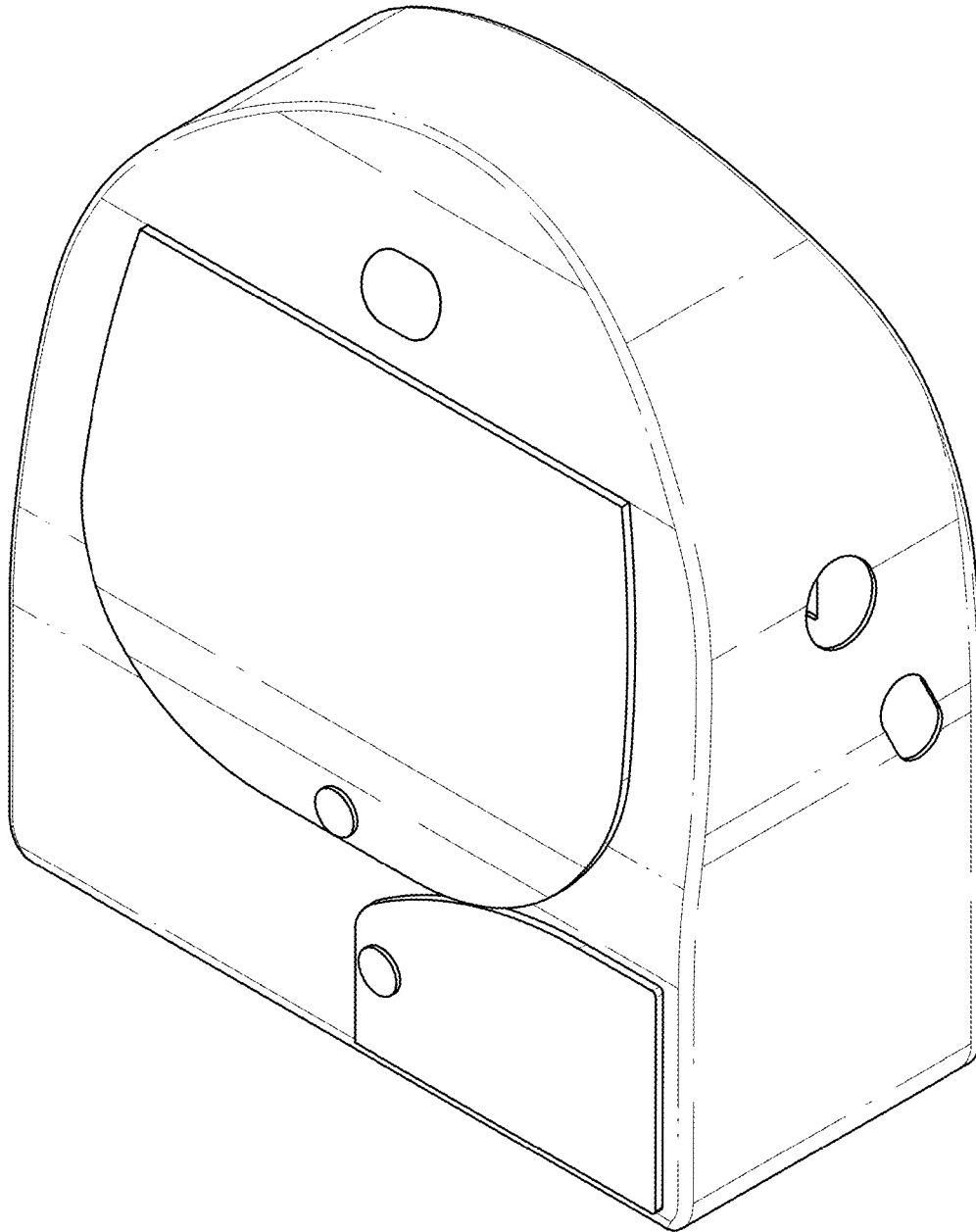


FIG. 1

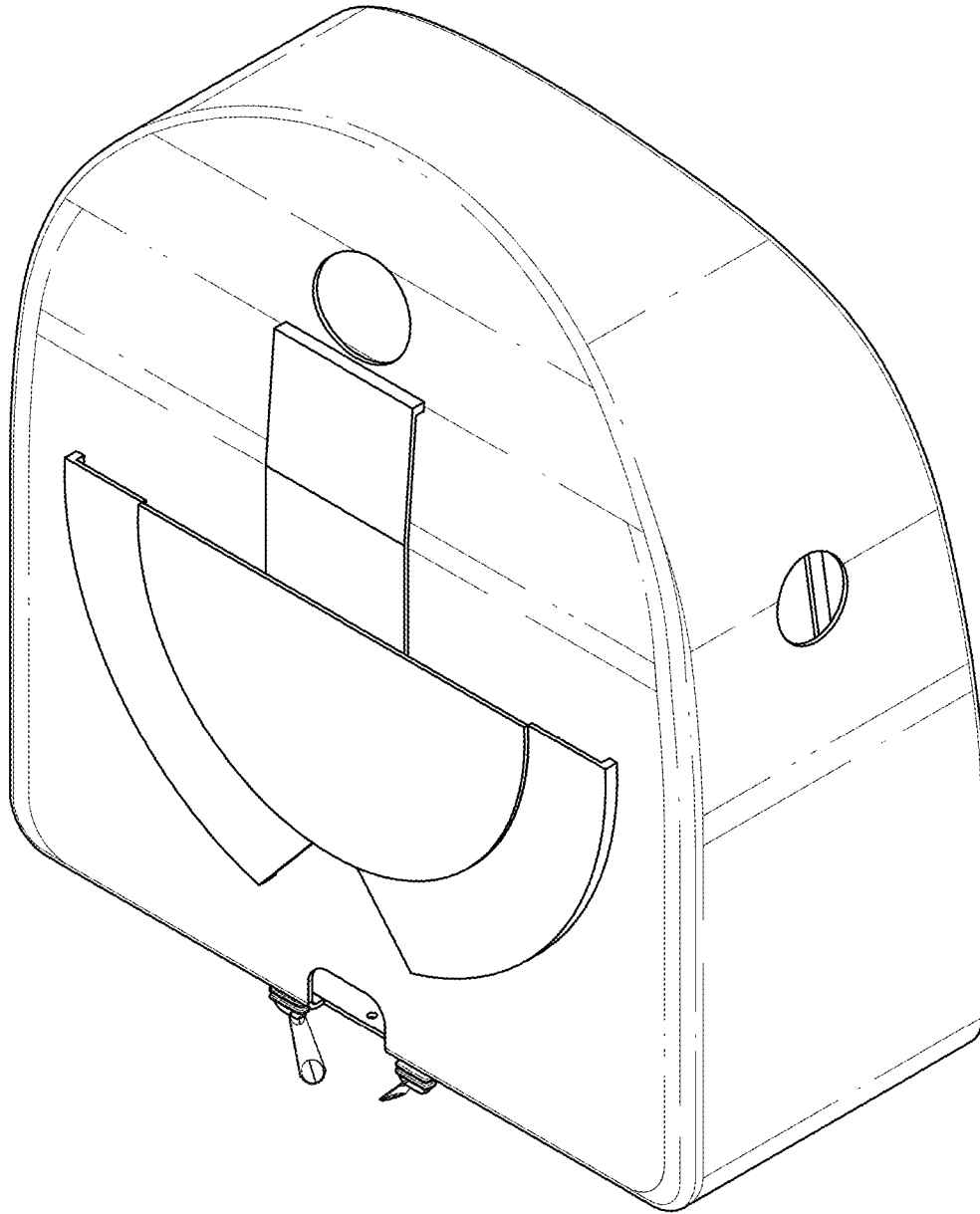


FIG. 2

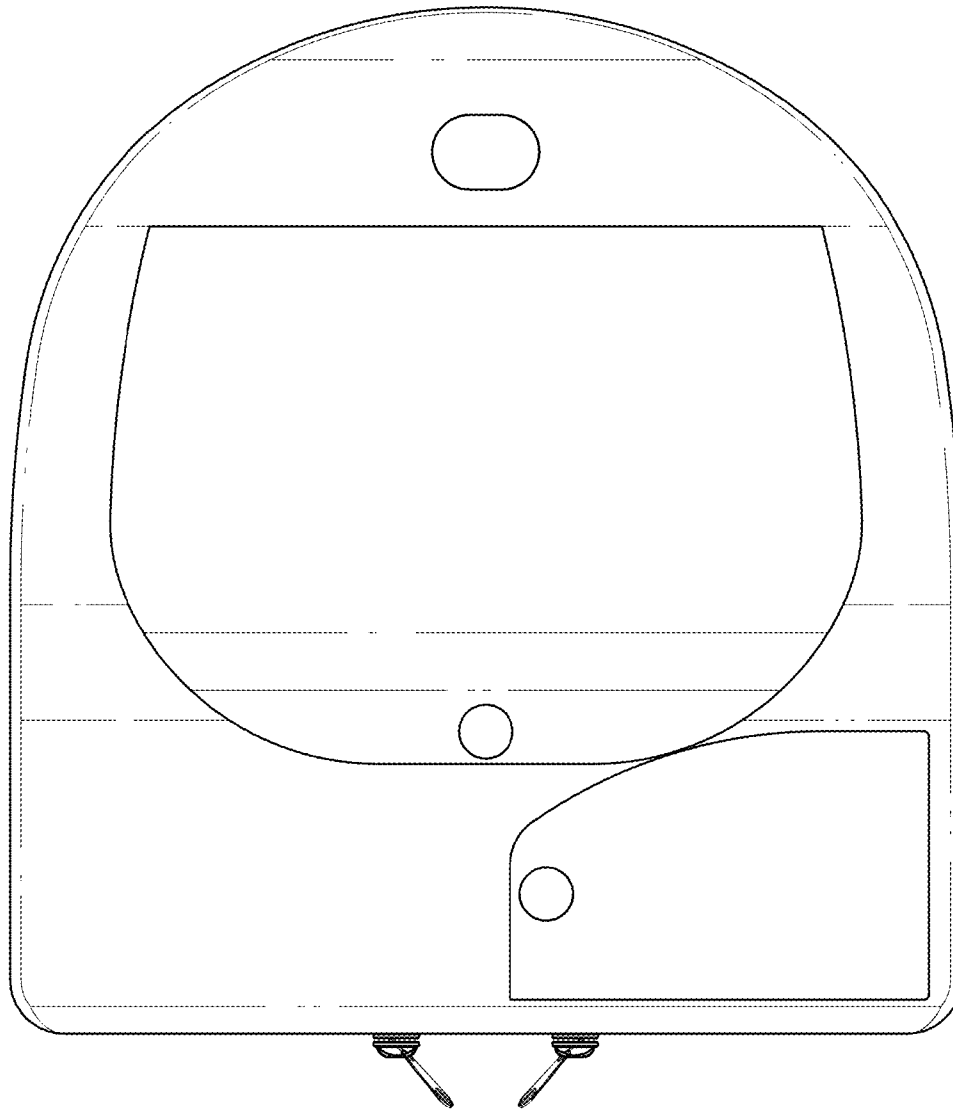


FIG. 3

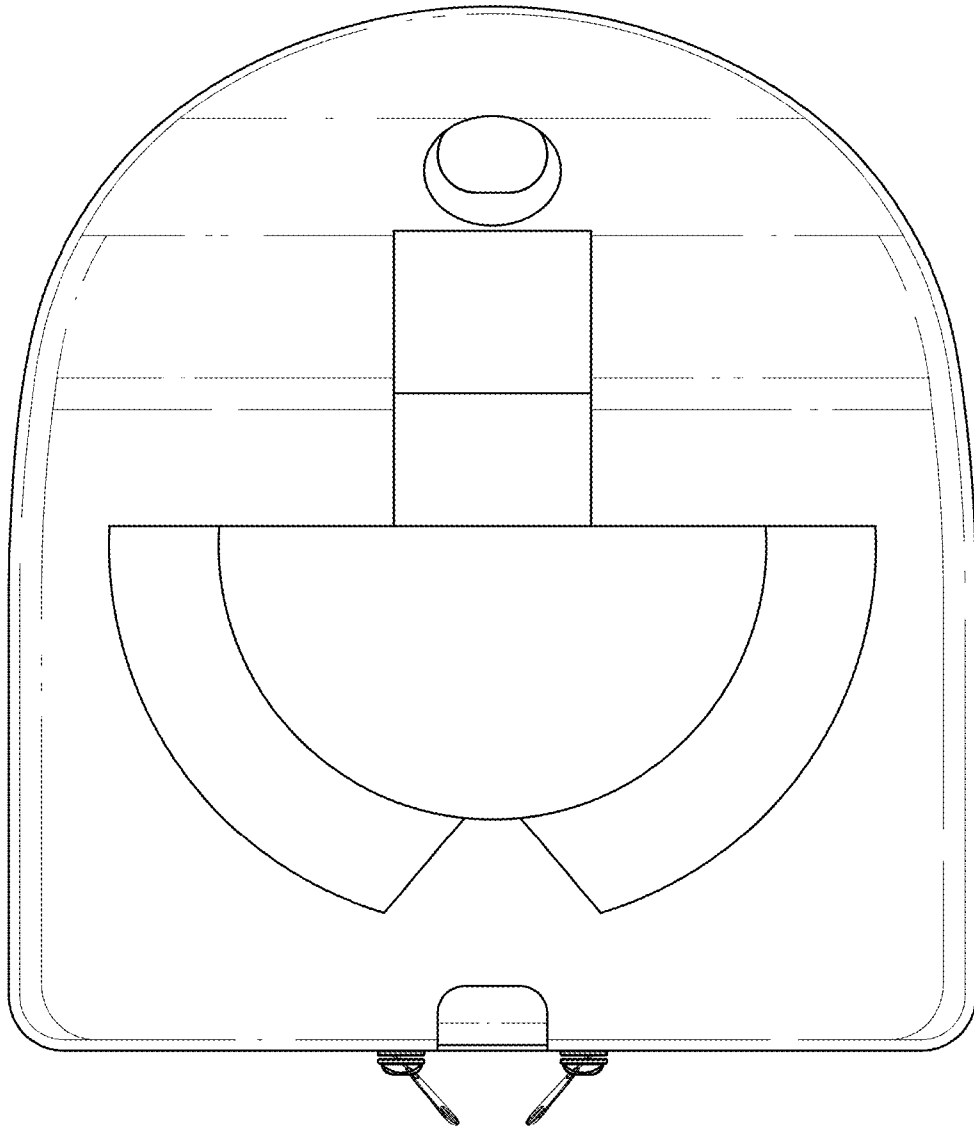


FIG. 4

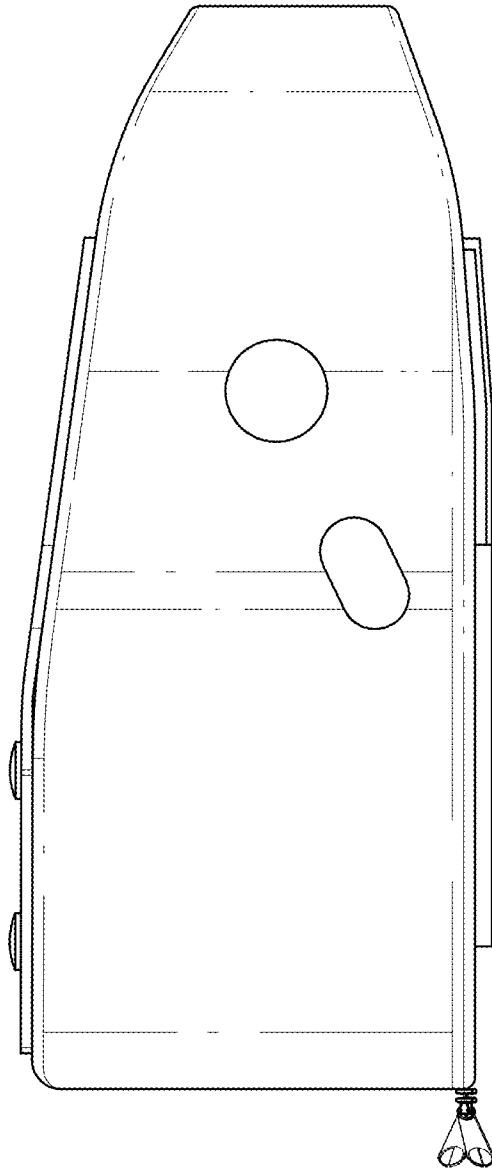


FIG. 5

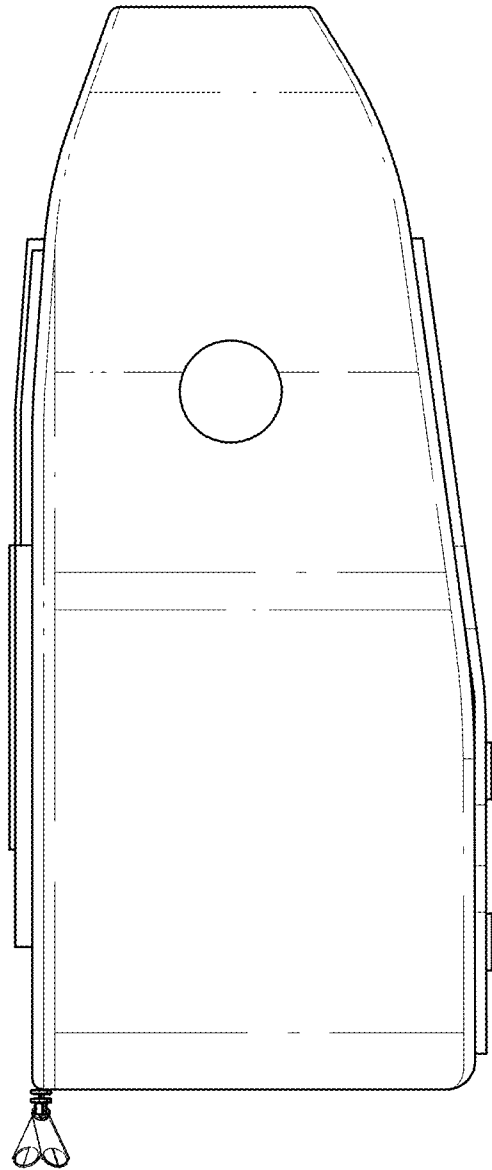


FIG. 6

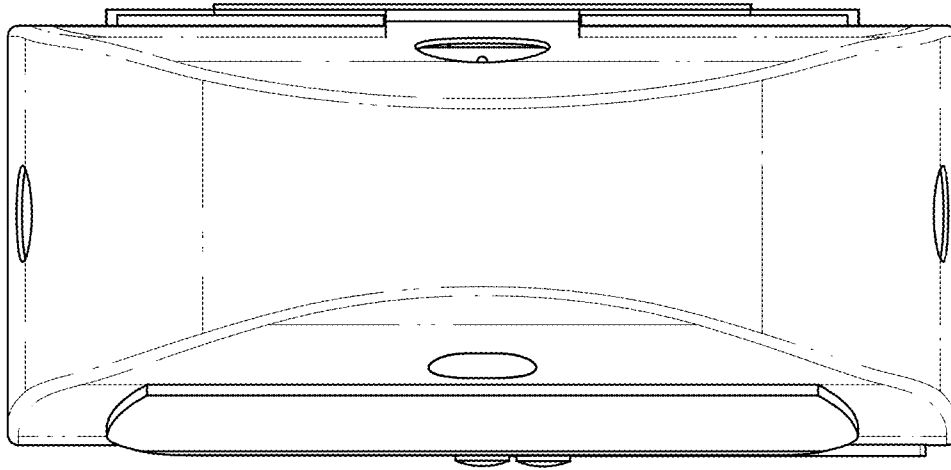


FIG. 7

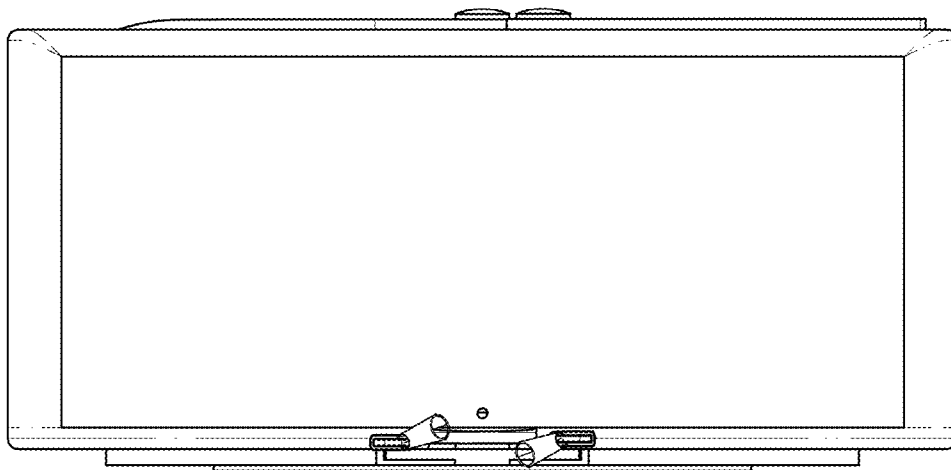


FIG. 8

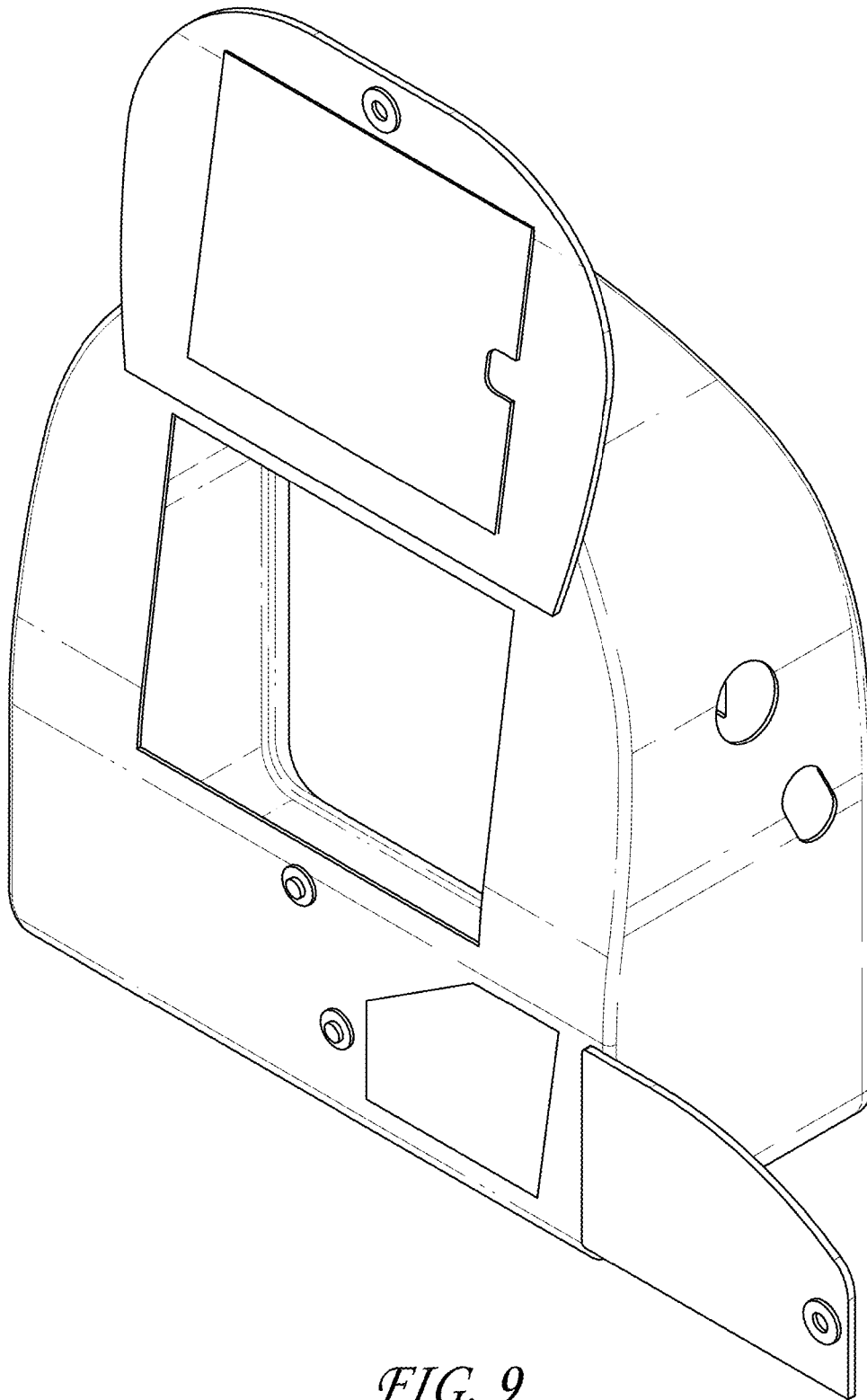


FIG. 9

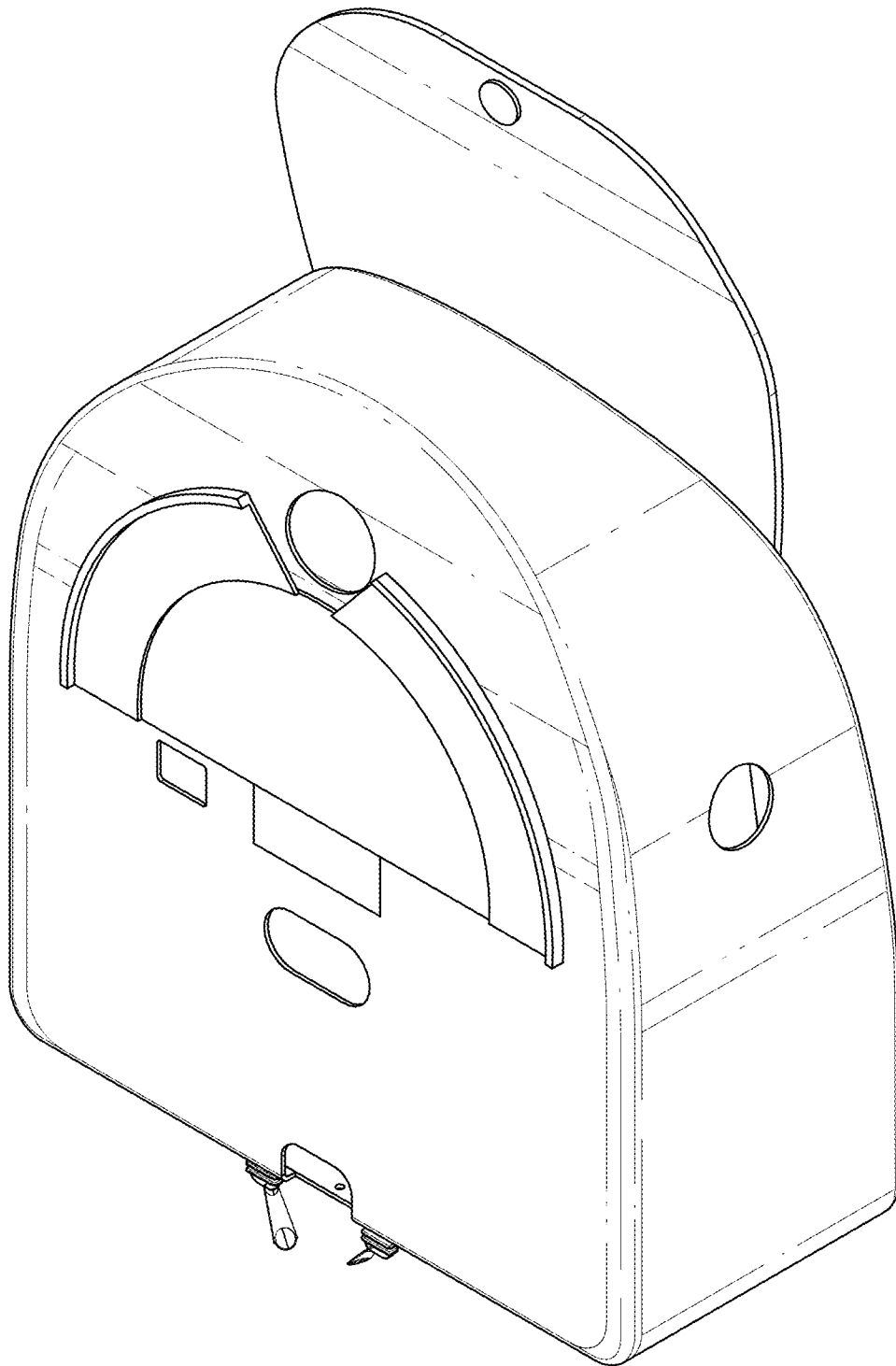


FIG. 10

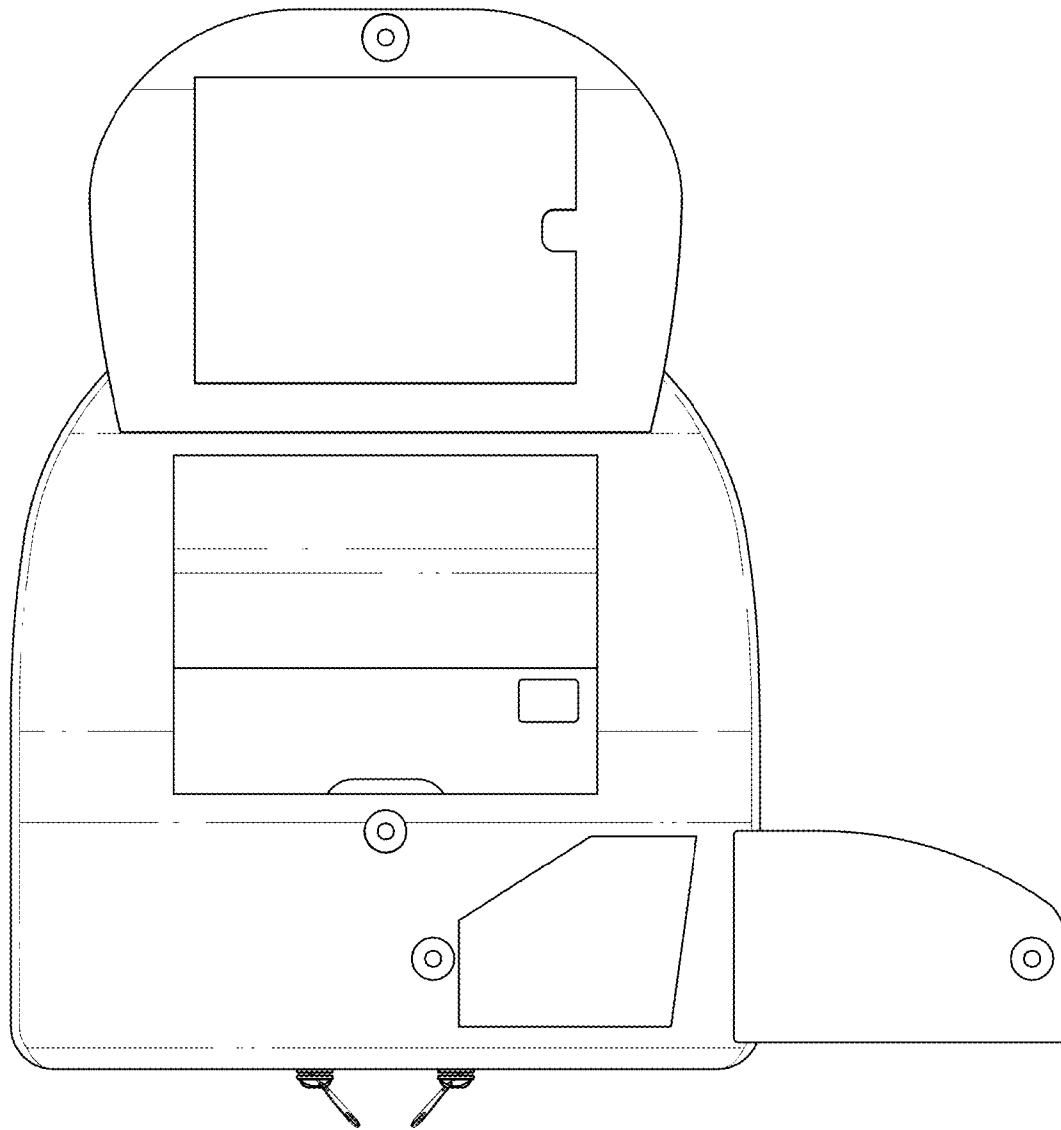


FIG. 11

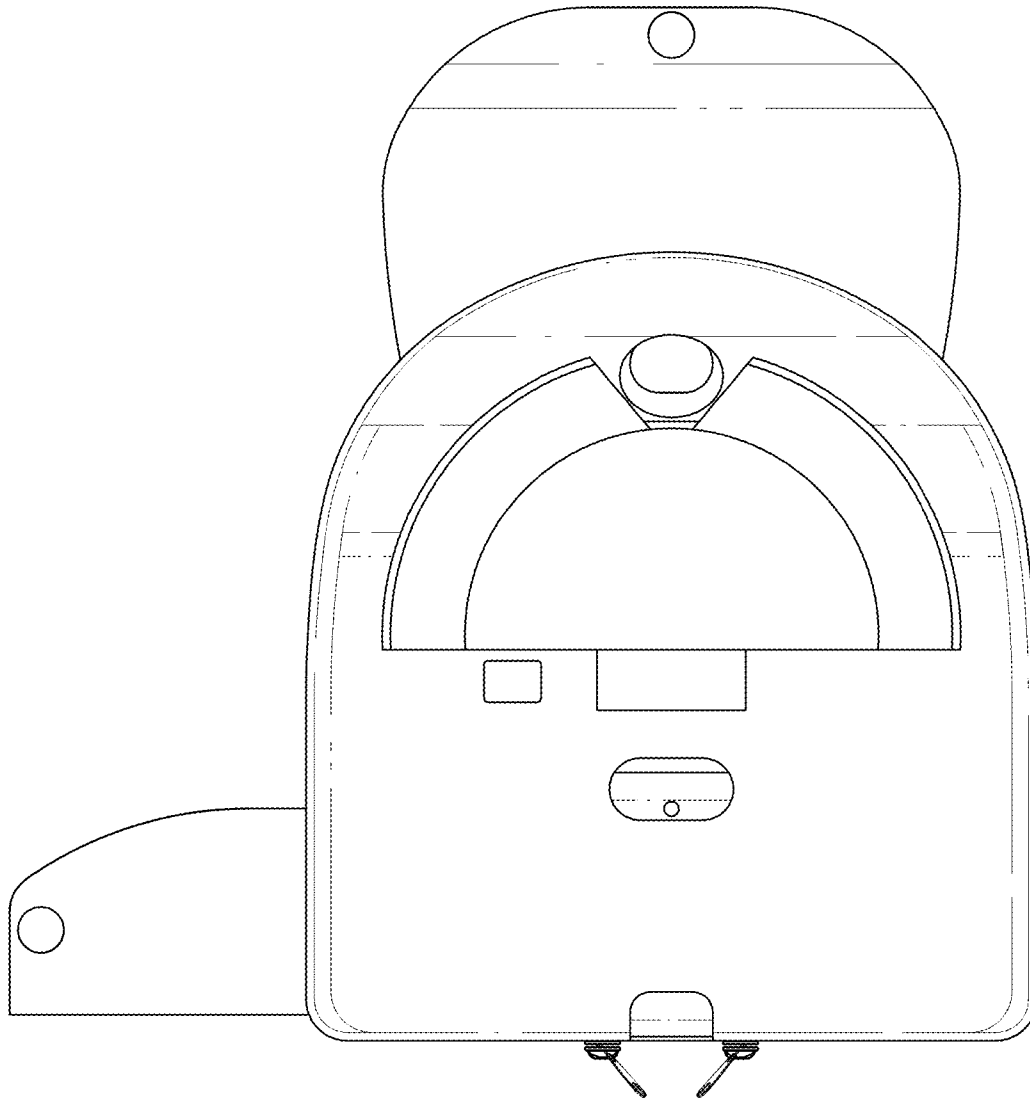


FIG. 12

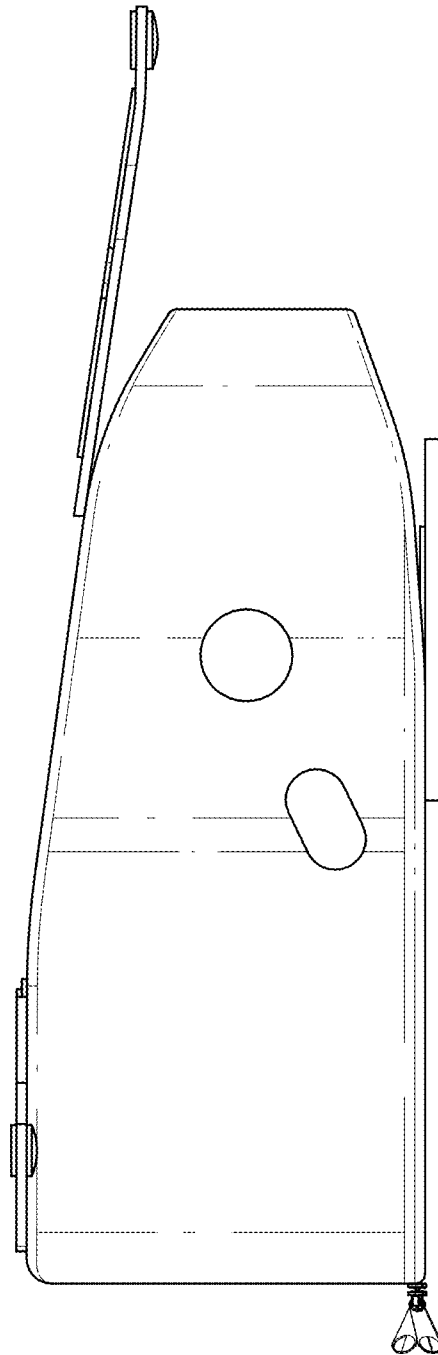


FIG. 13

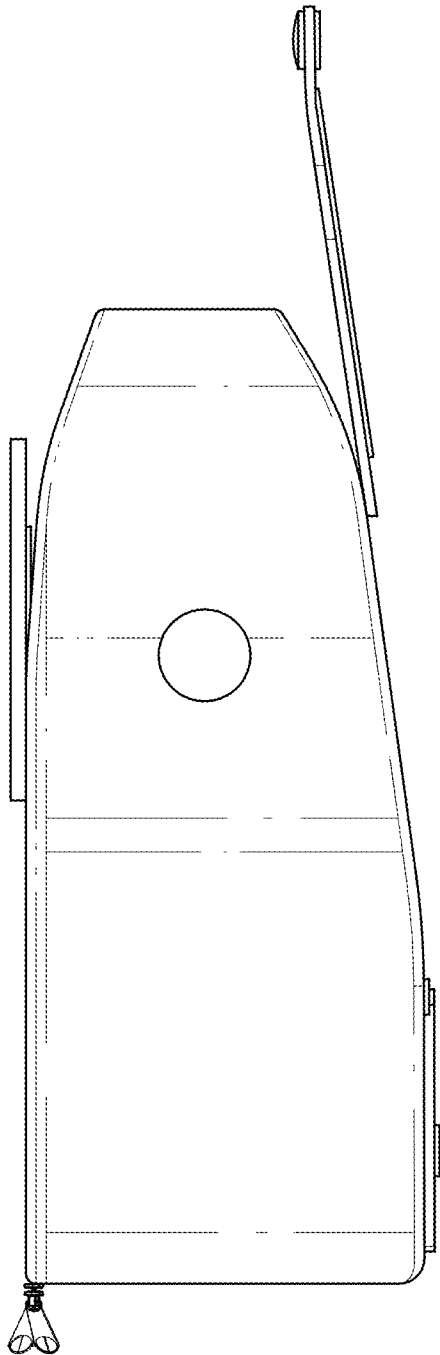


FIG. 14

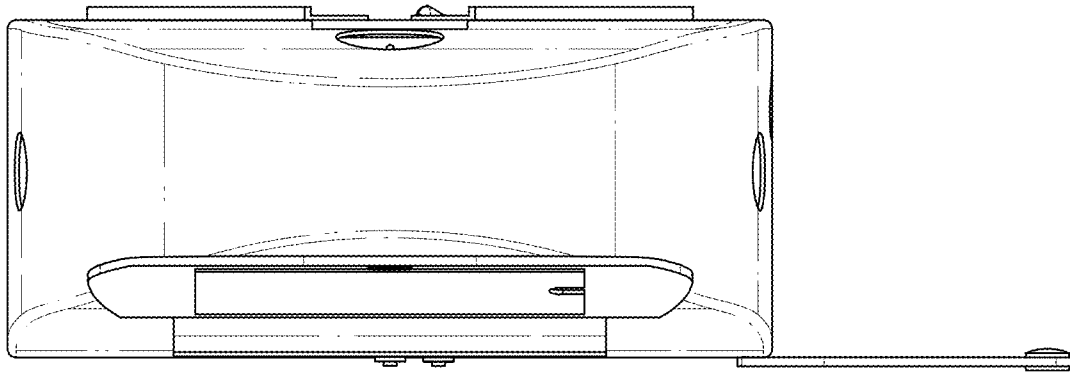


FIG. 15

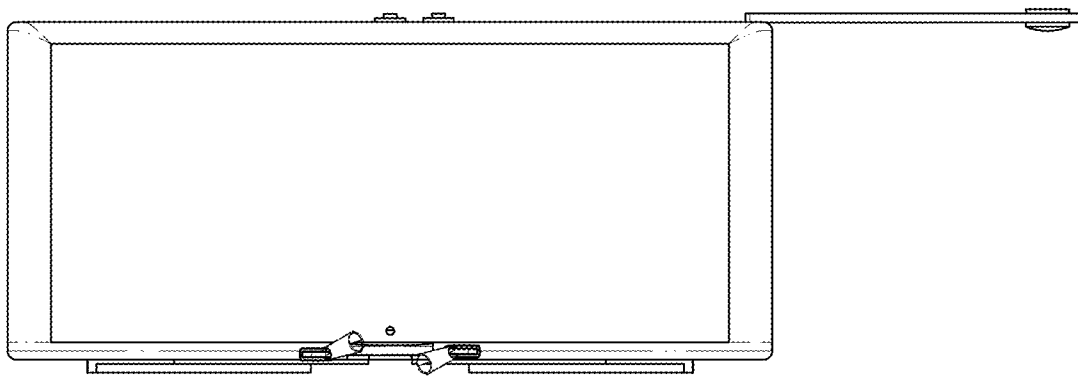


FIG. 16