



US00D926323S

(12) **United States Design Patent** (10) **Patent No.:** **US D926,323 S**  
**Dascoli et al.** (45) **Date of Patent:** **\*\* Jul. 27, 2021**

(54) **AUTOMATED EXTERNAL DEFIBRILLATOR ELECTRODE PAD**

(71) Applicant: **ZOLL Medical Corporation**, Chelmsford, MA (US)

(72) Inventors: **Melissa M. Dascoli**, Wakefield, MA (US); **Suzanne Crowell**, Beverly, MA (US); **George Reilly**, Chelmsford, MA (US); **Paolo Giacometti**, North Grafton, MA (US); **Tyler Harrington**, Westford, MA (US)

(73) Assignee: **ZOLL MEDICAL CORPORATION**, Chelmsford, MA (US)

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

(21) Appl. No.: **29/729,744**

(22) Filed: **Mar. 30, 2020**

(51) **LOC (13) Cl.** ..... **24-01**

(52) **U.S. Cl.**  
 USPC ..... **D24/168**

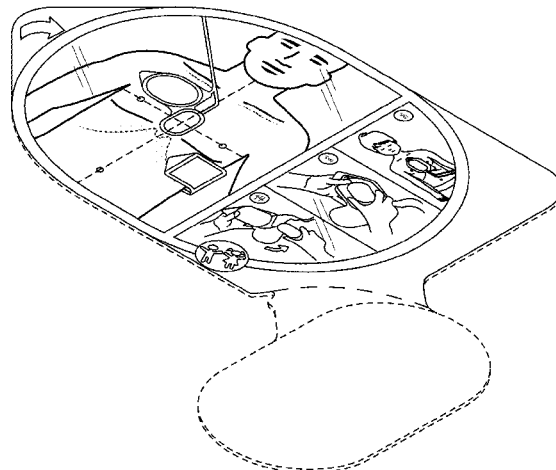
(58) **Field of Classification Search**  
 USPC ..... D24/107, 164, 165-169, 186, 187, 200;  
 D10/75, 70, 98; D14/341, 344; D9/415  
 CPC ..... A61N 1/39; A61N 1/3925; A61N 1/3968;  
 A61N 1/3987; A61N 1/3993; A61N  
 1/046; A61N 1/0484; A61N 1/0492  
 See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,059,099 A 11/1977 David  
 4,095,590 A 6/1978 Harrigan  
 4,554,910 A 11/1985 Lally  
 D290,396 S 6/1987 Jones et al.  
 5,295,481 A 3/1994 Geeham  
 D357,069 S 4/1995 Plahn et al.  
 5,402,884 A 4/1995 Gilman et al.  
 5,496,257 A 3/1996 Kelly  
 5,579,919 A 12/1996 Gilman et al.  
 5,588,439 A 12/1996 Hollub  
 5,589,639 A 12/1996 D'Antonio et al.

5,645,522 A 7/1997 Lurie et al.  
 5,697,955 A 12/1997 Stolte  
 5,817,151 A 10/1998 Olson et al.  
 5,850,920 A 12/1998 Gilman et al.  
 D409,752 S 5/1999 Bishay et al.  
 5,951,598 A 9/1999 Bishay et al.  
 5,984,102 A 11/1999 Tay  
 D425,203 S 5/2000 Sheehan et al.  
 6,101,413 A 8/2000 Olson et al.  
 6,115,638 A 9/2000 Groenke  
 6,125,298 A 9/2000 Olson et al.  
 6,125,299 A 9/2000 Groenke et al.  
 6,134,479 A 10/2000 Brewer et al.  
 6,148,233 A 11/2000 Owen et al.  
 6,306,107 B1 10/2001 Myklebust et al.  
 6,351,671 B1 2/2002 Myklebust et al.  
 6,390,996 B1 5/2002 Halperin et al.  
 6,397,104 B1 5/2002 Miller et al.  
 D458,376 S 6/2002 Rouns et al.  
 6,427,685 B1 8/2002 Ray, II  
 6,599,258 B1 7/2003 Bystrom et al.  
 6,662,056 B2 12/2003 Picardo et al.  
 D485,360 S 1/2004 Faller et al.  
 D492,782 S 7/2004 Faller et al.  
 6,782,293 B2 8/2004 Dupelle et al.  
 6,807,442 B1 10/2004 Myklebust et al.  
 D498,848 S 11/2004 Vaisnys et al.  
 6,827,695 B2 12/2004 Palazzolo et al.  
 6,858,016 B2 2/2005 Davaris et al.  
 6,874,621 B2 4/2005 Solosko et al.  
 D511,384 S 11/2005 Masuda  
 6,990,373 B2 1/2006 Jayne et al.  
 D514,951 S 2/2006 Vaisnys et al.  
 7,016,727 B2 3/2006 Powers et al.  
 D519,210 S 4/2006 Fernandez  
 D522,374 S 6/2006 Nova et al.  
 7,062,321 B2 6/2006 Lyster et al.  
 D524,943 S 7/2006 Faller et al.  
 D527,823 S 9/2006 Levinson  
 7,108,665 B2 9/2006 Halperin et al.  
 7,220,235 B2 5/2007 Geheb et al.  
 7,245,974 B2 7/2007 Dupelle et al.  
 D567,949 S 4/2008 Lash et al.  
 RE40,471 E 8/2008 Groenke et al.  
 D584,414 S 1/2009 Lash et al.  
 7,489,972 B2 2/2009 Denney et al.  
 D615,657 S 5/2010 Anderson et al.  
 D616,994 S 6/2010 Cummings et al.  
 D631,370 S 1/2011 Vaisnys et al.  
 D637,298 S 5/2011 Vaisnys et al.  
 8,010,190 B2 8/2011 Olson et al.  
 D644,738 S 9/2011 Regan et al.  
 D658,297 S 4/2012 Powers et al.



D671,649	S	11/2012	McCormack	
D675,739	S	2/2013	McCormack	
D706,432	S	6/2014	Martinez	
D707,837	S	6/2014	Aasebo et al.	
8,798,743	B1	8/2014	Khuon et al.	
9,079,044	B2	7/2015	Powers	
9,082,272	B2	7/2015	Mohn et al.	
9,091,718	B2	7/2015	Craige, III et al.	
9,162,045	B2*	10/2015	Jones .....	A61N 1/0492
9,179,866	B2	11/2015	Khuon et al.	
9,314,610	B2	4/2016	Khuon et al.	
D773,058	S	11/2016	Takizawa et al.	
9,504,397	B2	11/2016	Khuon et al.	
D783,832	S	4/2017	Dascoli et al.	
D794,200	S*	8/2017	Singh .....	D24/167
D797,574	S*	9/2017	Dascoli .....	D9/415
D806,541	S	1/2018	Love et al.	
9,881,521	B2	1/2018	Pastrick et al.	
D816,227	S	4/2018	Geissen	
D818,813	S	5/2018	Love et al.	
D831,217	S	10/2018	Geissen	
D847,998	S	5/2019	Nakar et al.	
10,413,379	B2	9/2019	Binder et al.	
D867,615	S	11/2019	Torres	
2003/0023274	A1	1/2003	Chesley et al.	
2003/0036044	A1	2/2003	Pastrick et al.	
2003/0088276	A1	5/2003	Covey et al.	
2003/0114885	A1	6/2003	Nova et al.	
2003/0167075	A1	9/2003	Fincke	
2003/0216785	A1	11/2003	Edwards et al.	
2004/0066302	A1	4/2004	Menard et al.	
2004/0210171	A1	10/2004	Palazzolo et al.	
2006/0009717	A1	1/2006	Hall et al.	
2006/0009809	A1	1/2006	Marcovecchio et al.	
2006/0058846	A1	3/2006	Smirlis et al.	
2006/0272095	A1	12/2006	Kornaker	
2007/0088233	A1	4/2007	Wood	
2008/0071316	A1	3/2008	Freeman	
2008/0097546	A1	4/2008	Powers et al.	
2008/0300518	A1	12/2008	Bowes	
2009/0125074	A1	5/2009	Ochs et al.	
2009/0254136	A1	10/2009	Powers et al.	
2011/0301512	A1	12/2011	Olson et al.	
2014/0012360	A1	1/2014	Griesser et al.	
2014/0170622	A1	6/2014	Pastrick et al.	
2014/0243916	A1	8/2014	Freeman et al.	
2015/0094625	A1	4/2015	Freeman et al.	
2016/0082246	A1	3/2016	Piazza	
2016/0279405	A1	9/2016	Riley et al.	
2017/0106183	A1*	4/2017	Silver .....	A61N 1/39044
2017/0252571	A1*	9/2017	Dascoli .....	A61N 1/3987
2017/0259054	A1	9/2017	Dascoli et al.	

FOREIGN PATENT DOCUMENTS

WO	WO-1996/10984	A1	4/1996
WO	WO-1997/22327	A1	6/1997
WO	WO-1999/25306	A1	5/1999
WO	WO-2000/27464	A2	5/2000
WO	WO-2001/08629	A1	2/2001
WO	WO-2002/22017	A1	3/2002
WO	WO-2004/004548	A2	1/2004
WO	WO-2008/015624	A2	2/2008
WO	WO-2008/025995	A2	3/2008
WO	WO-2009/089096	A2	7/2009

OTHER PUBLICATIONS

Defibtech Lifeline™ or Lifeline Auto AED Pediatric Defibrillation Electrode Pad. <https://www.aedsuperstore.com/defibtech-lifeline-aed-pediatric-defibrillation-electrode-pads.html>. Available before Jun. 2014 per customer review.\*

AED—Specialized Defibrillator Products, Zoll.RTM. Advancing Resuscitation Today.TM., Webpage printout dated Mar. 27, 2007, [www.zoll.com](http://www.zoll.com), 3 Pgs.  
Webpage printout entitled: ““It’s a matter of life . . .” Features and Benefits CPR Ezy”, Webpage printout dated Jun. 1, 2006, [www.cprezy.com](http://www.cprezy.com), 6 Pgs.  
Application and File History of U.S. Appl. No. 15/440,963, filed Feb. 23, 2017. Inventors Dascoli et al.

\* cited by examiner

Primary Examiner — Ahndao Doan  
(74) Attorney, Agent, or Firm — Patterson Thuent Pedersen, P.A.

(57) CLAIM

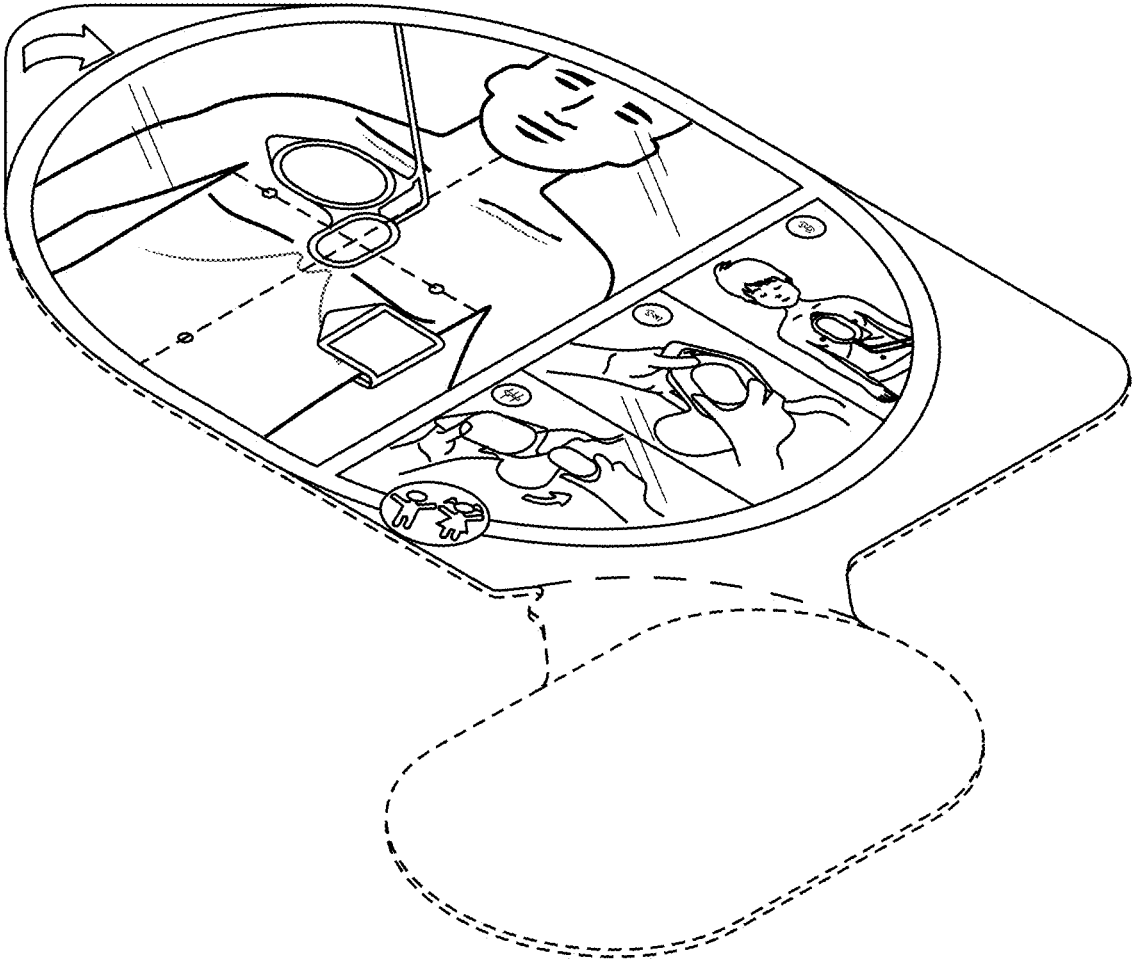
We claim the ornamental design for an automated external defibrillator electrode pad, as shown and described.

DESCRIPTION

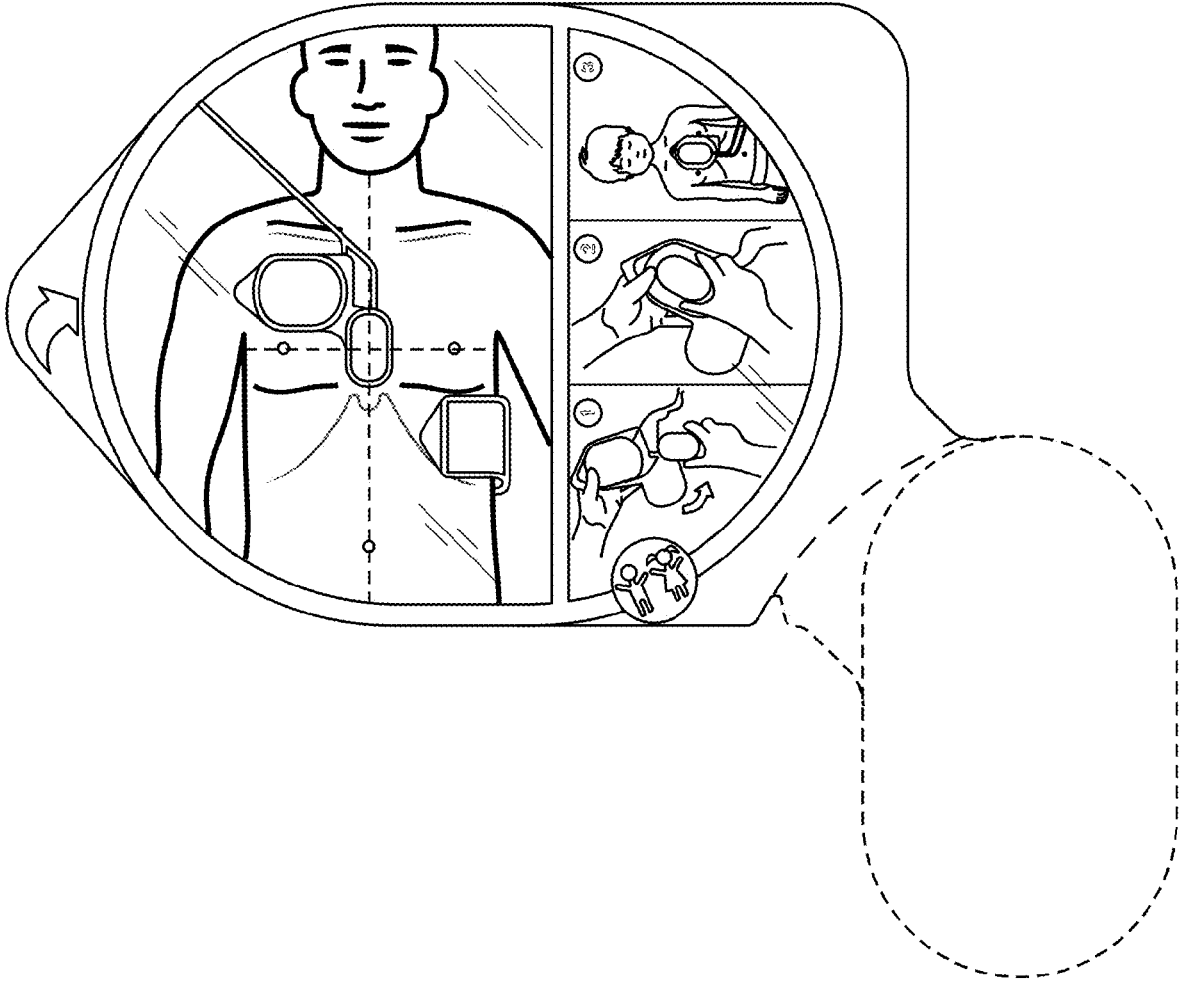
The file of this patent contains at least one drawing /photo-graph executed in color. Copies of this patent with color drawing(s)/photograph(s) will be provided by the Office upon request and payment of the necessary fee.  
FIG. 1 is a perspective view of an automated external defibrillator electrode pad according to an embodiment.  
FIG. 2 is a front elevational view of the automated external defibrillator electrode pad depicted in FIG. 1.  
FIG. 3 is a rear elevational view of the automated external defibrillator electrode pad depicted in FIG. 1.  
FIG. 4 is a right side elevational view of the automated external defibrillator electrode pad depicted in FIG. 1.  
FIG. 5 is a left side elevational view of the automated external defibrillator electrode pad depicted in FIG. 1.  
FIG. 6 is a top plan view of the automated external defibrillator electrode pad depicted in FIG. 1.  
FIG. 7 is a bottom plan view of the automated external defibrillator electrode pad depicted in FIG. 1.  
FIG. 8 is a perspective view of an automated external defibrillator electrode pad according to a second embodiment.  
FIG. 9 is a front elevational view of the automated external defibrillator electrode pad depicted in FIG. 8.  
FIG. 10 is a rear elevational view of the automated external defibrillator electrode pad depicted in FIG. 8.  
FIG. 11 is a right side elevational view of the automated external defibrillator electrode pad depicted in FIG. 8.  
FIG. 12 is a left side elevational view of the automated external defibrillator electrode pad depicted in FIG. 8.  
FIG. 13 is a top plan view of the automated external defibrillator electrode pad depicted in FIG. 8; and,  
FIG. 14 is a bottom plan view of the automated external defibrillator electrode pad depicted in FIG. 8.  
The broken lines in the drawings illustrate portions of the automated external defibrillator electrode pad that form no part of the claimed design.

1 Claim, 8 Drawing Sheets  
(2 of 8 Drawing Sheet(s) Filed in Color)

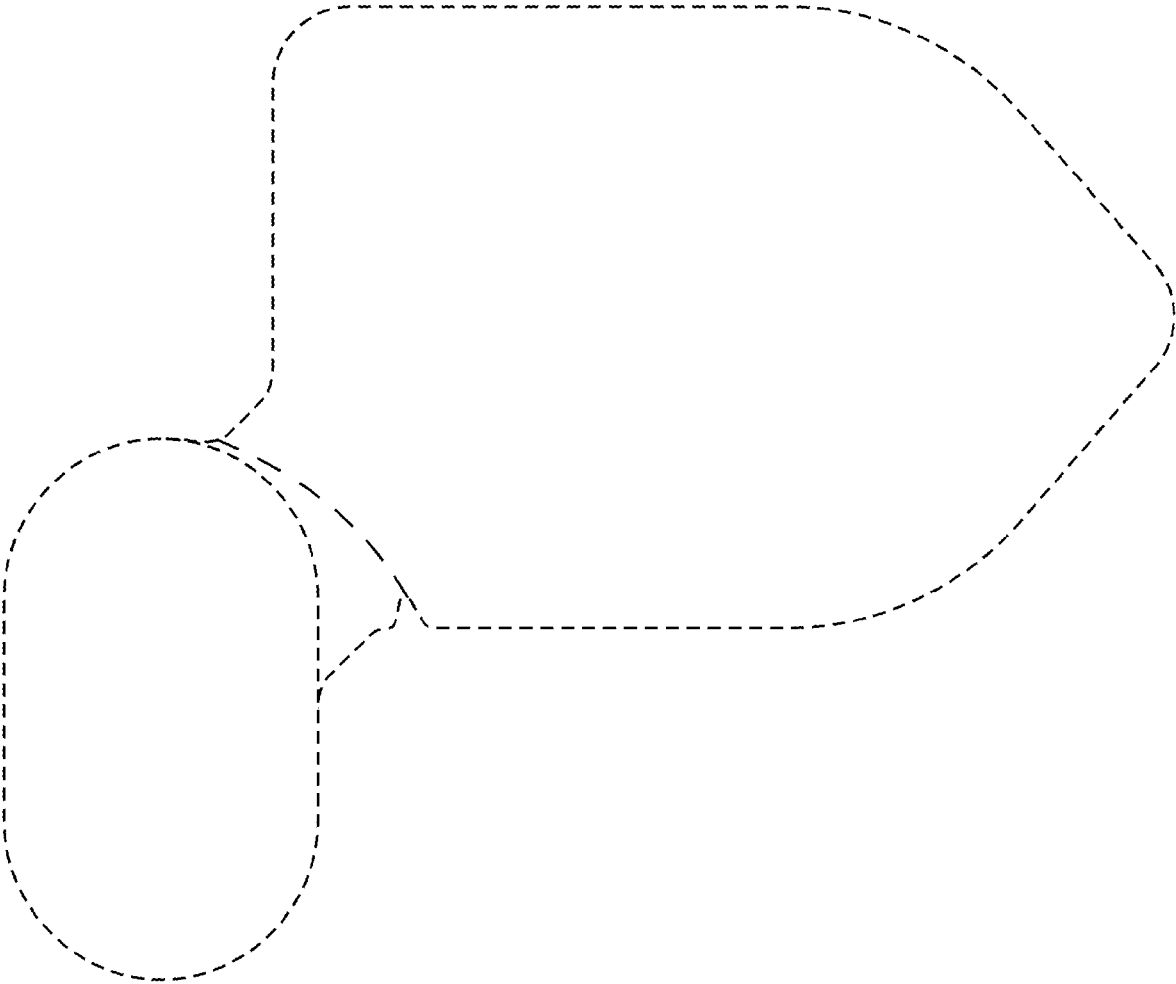
**FIG. 1**



**FIG. 2**



**FIG. 3**



**FIG. 4**



**FIG. 5**



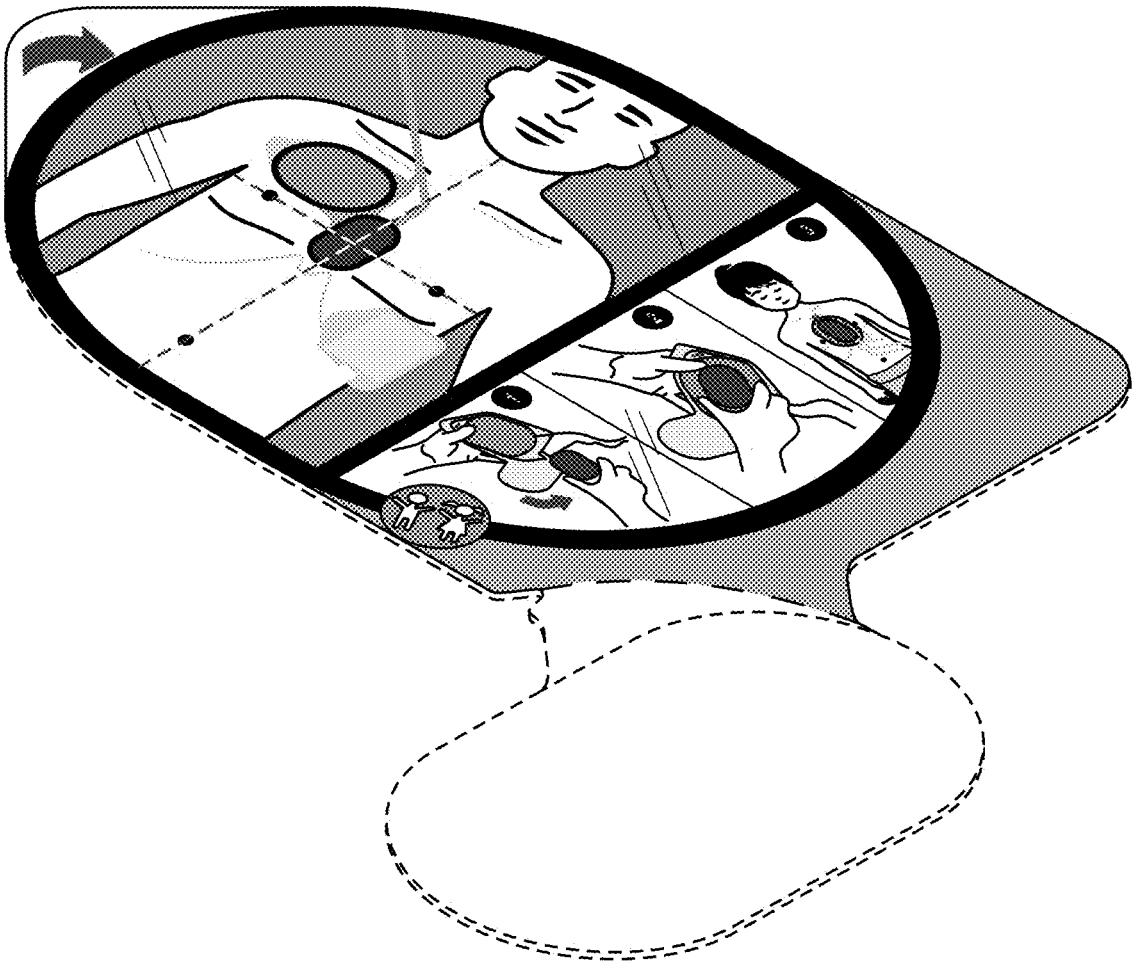
**FIG. 6**



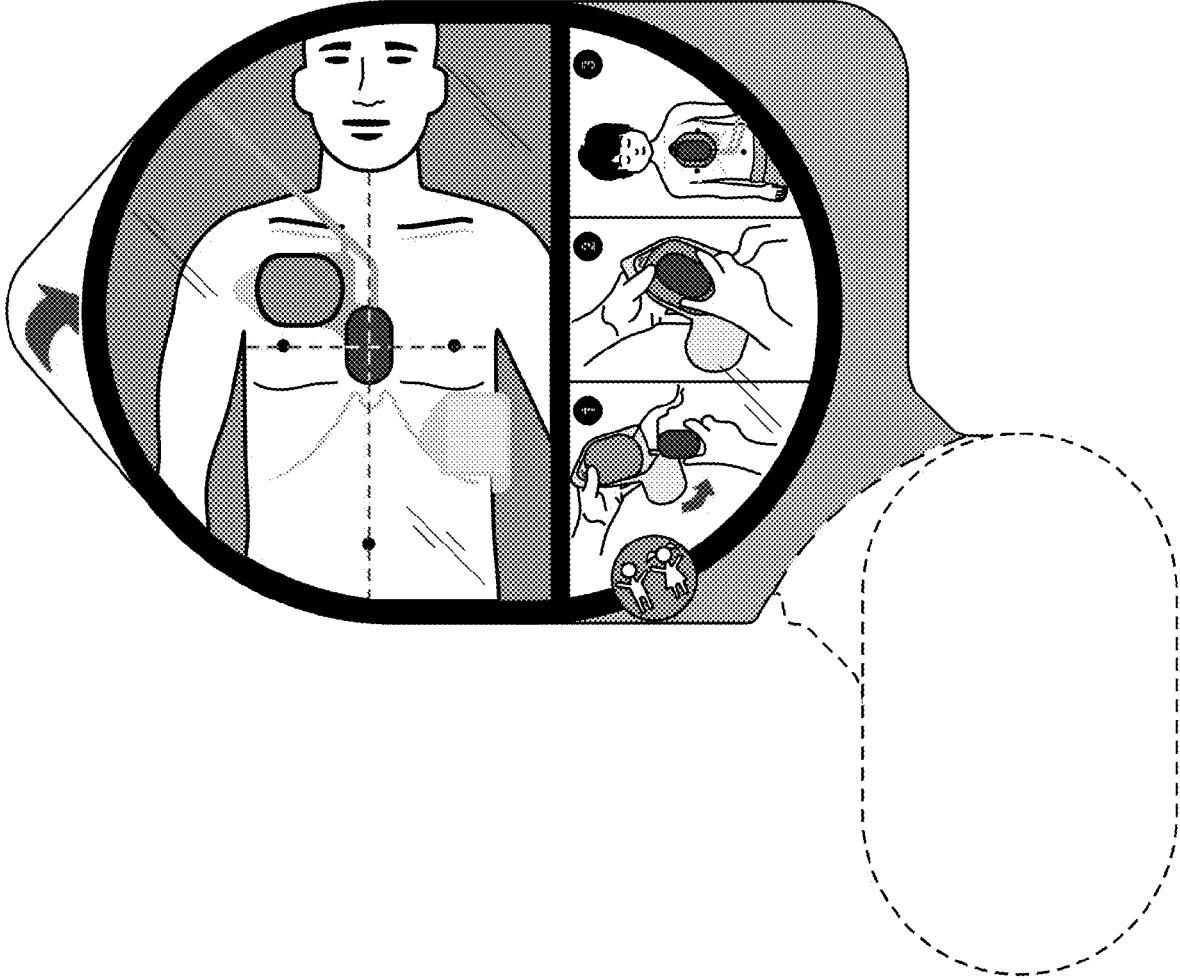
**FIG. 7**



**FIG. 8**

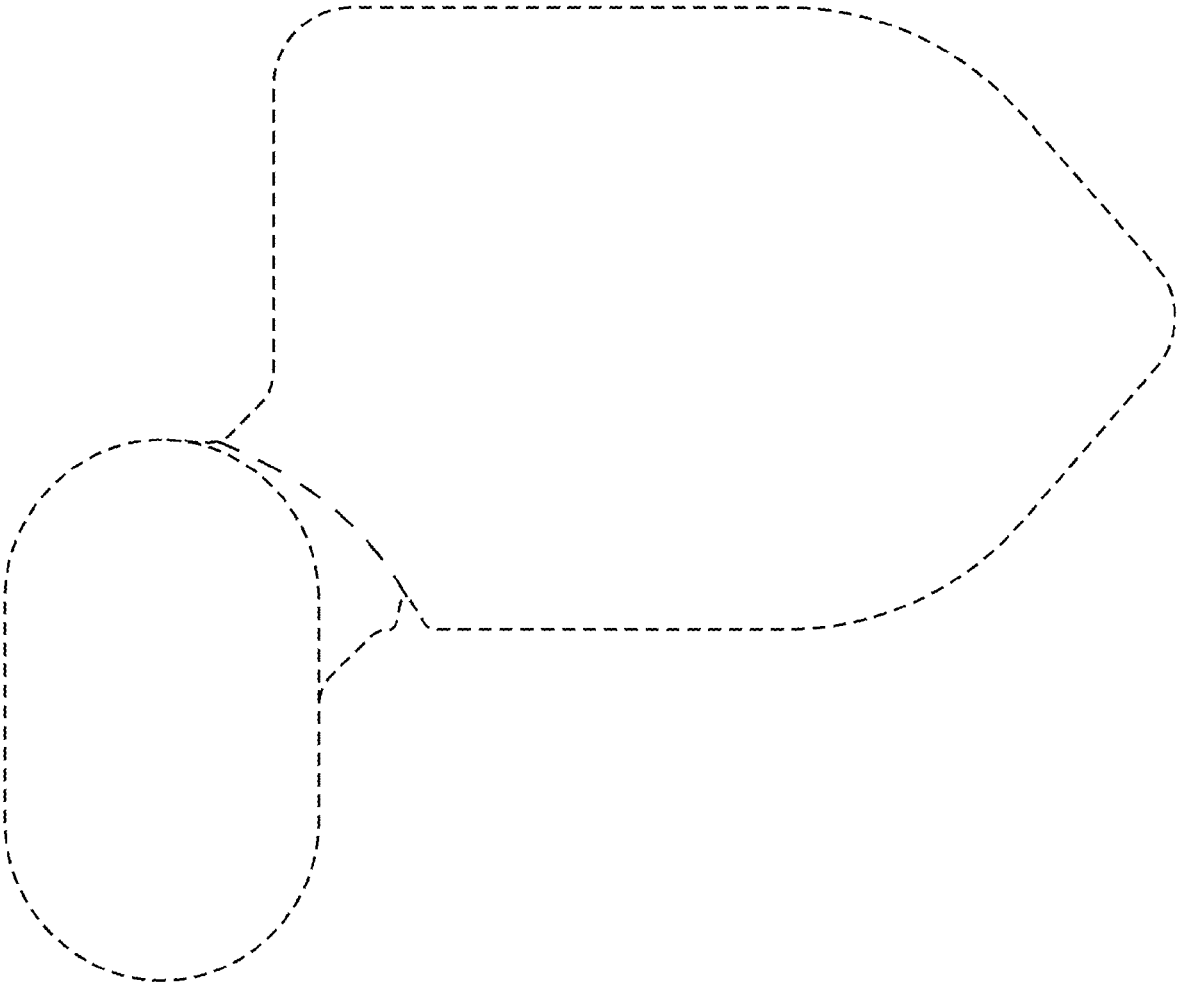


**FIG. 9**

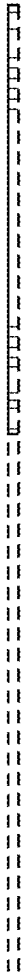




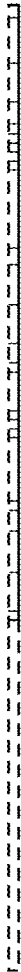
**FIG. 10**



**FIG. 11**



**FIG. 12**



**FIG. 13**



**FIG. 14**

