## (19) World Intellectual Property Organization

International Bureau



# 

(43) International Publication Date 5 July 2007 (05.07.2007)

**PCT** 

# (10) International Publication Number $WO\ 2007/076069\ A3$

- (51) International Patent Classification: *A61M 5/32* (2006.01)
- (21) International Application Number:

PCT/US2006/049140

(22) International Filing Date:

22 December 2006 (22.12.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/316,076

22 December 2005 (22.12.2005) US

- (71) Applicant (for all designated States except US): MEDE-GEN MMS, INC. [US/US]; 10617 N. Hayden Road, Suite B-100, Scottsdale, AZ 85260 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): ROMAN, Stephen,
  B. [US/US]; 2711 East Darrel Road, Phoenix, AZ 85042
  (US). KEHOE, Gary, S. [US/US]; 21663 N. 58th Dr.,
  Glendale, AZ 85308 (US).
- (74) Agents: OLSON, Arne, M. et al.; Olson & Hierl, Ltd., 20 North Wacker Drive, 36th Floor, Chicago, IL 60606 (US).

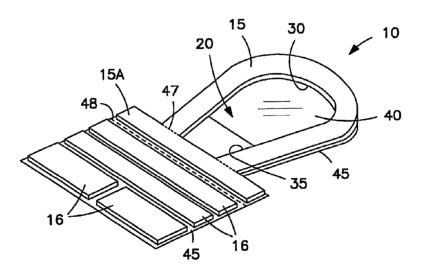
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR SECURING I.V. NEEDLE AND LUER FITTING



(57) Abstract: An IV holder for securing an IV needle and Luer fitting assembly. The IV holder includes a frame defining an aperture with a first portion and a second portion, the first portion of the aperture further being covered by a transparent window for protecting and securing the IV needle insertion site. The second portion of the aperture is disposed to fit a cylindrical Luer fitting. The holder is adhesively applied to a patient's skin and situated so that the needle insertion site is under the window and the first portion of the aperture while the Luer fitting is disposed within the second portion of the aperture.



#### 

(88) Date of publication of the international search report: 22 November 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

### INTERNATIONAL SEARCH REPORT

International application No. PCT/US06/49140

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61M 5/32 (2007.01) USPC - 604/180 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) IPC(8) - A61M 5/32 (2007.01) USPC - 604/180			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  MicroPatent			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
	US 5,116,324 A (BRIERLEY et al) 26 May 1992 (26.0)	5.1992) entire document	1, 3-6 
	US 6,827,707 B2 (WRIGHT et al) 07 December 2004	(07.12.2004) entire document	9-12, 18  .13-17, 19-20
Υ	US 6,124,521 A (ROBERTS) 26 September 2000 (26.	09.2000) entire document	2
Y US RE38,597 E1 (LANE JR) 21 September 2004 (21.0		09.2004) entire document	7-8, 14-17, 19-20
Y US 6,689,104 B2 (BIERMAN) 10 February 2004 (10.02		2.2004) entire document	13
A US 4,669,458 A (ABRAHAM et al) 02 June 1987 (02.0		6.1987) entire document	1-20
A	US 4,737,143 A (RUSSELL) 12 April 1988 (12.04.198	3) entire document	1-20
Furthe	r documents are listed in the continuation of Box C.		
Further documents are listed in the continuation of Box C.  Special categories of cited documents:  "T" later document published after the international filing date or priority.			
"A" document defining the general state of the art which is not considered to be of particular relevance date and not in conflict with the principle or theory under		date and not in conflict with the application the principle or theory underlying the in	ation but cited to understand
<ul> <li>"E" earlier application or patent but published on or after the international "X filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is</li> </ul>		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
cited to establish the publication date of another citation or other special reason (as specified)		considered to involve an inventive s	tep when the document is
"O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than "&		combined with one or more other such d being obvious to a person skilled in the "&" document member of the same patent f	art
the prio	rity date claimed	"&" document member of the same patent f	
23 July 2007		11 SEP 2007	
		Authorized officer: Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774	