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#### **Declaration under Rule 4.17:**

of inventorship (Rule 4.17(iv))

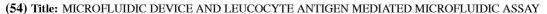
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(57) Abstract: The present invention relates to an leucocyte antigen mediated microfluidic assay and a microfluidic device for analyzing a subjects' body fluids containing leucocytes to determine if the subject has been previously exposed to a predetermined

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/16974

A. CLASSIFICATION OF SUBJECT MATTER IPC: Please See Continuation Sheet			
USPC: 422/68.1.82.05;435/7.1,7.24,286.5,288.5,288.7;436/8,63,164,171,172 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) U.S.: 422/68.1,82.05;435/7.1,7.24,286.5,288.5,288.7;436/8,63,164,171,172			
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)			
C. DOCU	JMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
X  Y	US 5,550,148 A (WEST et al.) 27 August 1996 (27.08.1996), column 1, lines 50-53; column 5, line 34 to column 6, line 33; and column 6, line 64.	1-3 and 5-9 4	
Y Y	US 5,116,731 A (WILHELMS) 26 May 1992 (12.05.1992), column 4, lines 64-68 and column 5, line 24 to column 6, line 54. US 5,637,469 A (WILDING et al.) 10 June 1997 (10.06.1997), column 2, lines 29-34 and 10-22		
	61-66; column 4, lines 7, 11-20 and 50-52; column 8, lines 50-54; column 9, lines 54-65; and column 21, lines 6-9.		
Further documents are listed in the continuation of Box C. See patent family annex.			
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particular relevance  "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			
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"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed			
Date of the actual completion of the international search  Date of mailing of the international search report			
19 July 2006 (19.07.2006)  Name and mailing address of the ISA/US  Mail Stop PCT, Atm: ISA/US  Commissioner for Patents  P.O. Box 1450  T. J. J. School 19.07.2006  Authorized officer  Leon Lum  T. J. J. School 19.07.2006			
F.O. Box 1430 Alexandria, Virginia 22313-1450  Facsimile No. (571) 273-3201  Telephone No. 571-272-1600			
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2006.01),31/00( 2006.01),33/48( 2006.01),33/53( 2006.01),33/555( 2006.01),33/5	667( 2006.01)