

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
3 April 2003 (03.04.2003)

PCT

(10) International Publication Number  
**WO 2003/027236 A3**

(51) International Patent Classification<sup>7</sup>: **G01N 33/48**

(74) Agent: **REID, Malcolm, D.**; Gray, Plant, Mooty, Mooty & Bennett, PA, P.O. Box 2906, Minneapolis, MN 55402-0906 (US).

(21) International Application Number:  
PCT/US2002/029628

(22) International Filing Date:  
18 September 2002 (18.09.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/324,239 21 September 2001 (21.09.2001) US  
60/378,418 6 May 2002 (06.05.2002) US

(71) Applicant (for all designated States except US): **ACCESS GENETICS, LLC** [US/US]; 7505 Market Place Drive, Eden Prairie, MN 55344-3636 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MCGLENNEN, Ronald, C.** [US/US]; 6605 Blackfoot Pass, Edina, MN 55439 (US). **HOLMES, Sabine** [CH/US]; 3216 Hennepin Avenue South, Minneapolis, MN 55412 (US). **JOHNSON, Timothy** [US/US]; 430 Far Hill Rd, Wayzata, MN 55391 (US). **WILLIAMSON, Naomi, M.** [US/US]; 1436 Royal Oaks Court, Fridley, MN 55432 (US). **FRANKS, Aaron** [US/US]; 701 Oak Park Lane #60, Hopkins, MN 55343 (US). **SCHULDt, Robert** [US/US]; 7550 Market Place Drive, Eden Prairie, MN 55344-3636 (US).

(81) Designated States (national): AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DE, DK, DM, DZ, EC, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SG, SI, TN, TT, UA, US, UZ, VN, YU, ZA.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (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

(88) Date of publication of the international search report:  
23 February 2006

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.

(54) Title: SYSTEMS, METHODS AND KITS FOR REMOTE GENETIC ANALYSIS AND CONSULTATION

(57) Abstract: Methods, systems and kits for genetic testing, especially for situations in which the procurement of genetic source material occurs at a different location than the testing of the material and the interpretation of the results.



WO 2003/027236 A3

# INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US02/29628

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/48

US CL : 702/19

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. : 702/19

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)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,985,559 (BROWN) 16 November 1999 (16.11.1999), Abstract; Figure 8A; column 2, lines 36-64; column 3, line 35-column 8, line 47.	1, 2, 4
X	US 6,132,724 (BLUM) 17 October 2000 (17.10.2000), column 54, line 66-column 56, line 8.	3
X	US 6,088,690 (GOUNARES et al.) 11 July 2000 (11.07.2000), Abstract; column 3, line 33-column 4, line 67; column 7, line 53-column 8, line 15.	1, 2, 4

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"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

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

06 December 2005 (06.12.2005)

Date of mailing of the international search report

06 JAN 2006

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized official

Jerry Lin

Telephone No. (571) 272 1600

# INTERNATIONAL SEARCH REPORT

PCT/US02/29628

11

## Continuation of B. FIELDS SEARCHED Item 3:

Databases: WEST

Terms: genetic, testing, kit, remote, central, location