



(51) International Patent Classification:
H04L 12/12 (2006.01) **G06F 19/00** (2006.01)
G06F 9/52 (2006.01)

(21) International Application Number:
PCT/CA2009/001704

(22) International Filing Date:
23 November 2009 (23.11.2009)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/193,423 26 November 2008 (26.11.2008) US

(71) Applicant (for all designated States except US): **CALGARY SCIENTIFIC INC.** [CA/CA]; 1210, 20th Avenue SE, Suite 208, Calgary, Alberta T2G 1M8 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **THOMAS, Monroe, M.** [CA/CA]; 350 Coventry Circle NE, Calgary, Alberta T3K 4X8 (CA). **MCFADZEAN, David, B.** [CA/CA]; 1080 Wilson Way, Canmore, Alberta T1W 3C4 (CA). **BEAUREGARD, Michael** [CA/CA]; 62 Westbury Place SW, Calgary, Alberta T3H 5B6 (CA). **SCHERGER, Derek** [CA/CA]; 59 Langton Drive SW, Calgary, Alberta T3E 5G1 (CA).

(74) Agent: **KERR & NADEAU**; 200 Isabella Street, Suite 405, Ottawa, Ontario K1S 1V7 (CA).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, 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, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, 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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: METHOD AND SYSTEM FOR PROVIDING REMOTE ACCESS TO A STATE OF AN APPLICATION PROGRAM

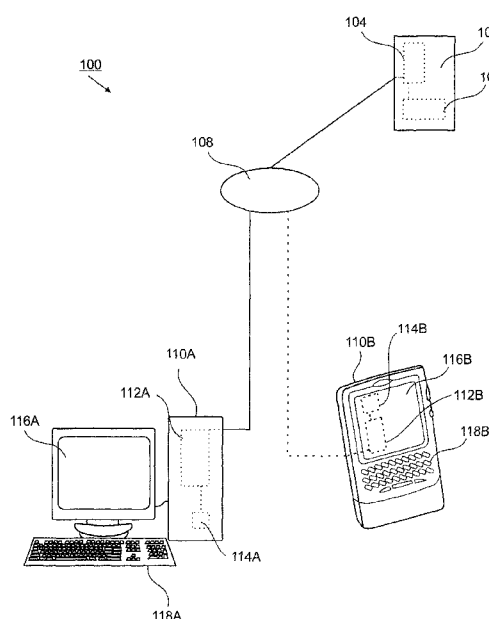


Figure 1

(57) Abstract: A method and system for providing remote access to a state of an application is provided. The method comprises executing an application program at a server computer for performing an application associated therewith. At a client computer connected to the server computer via a communication network a remote access program is executed for providing remote access to a state of the performed application. At the client computer a client difference program having encoded data indicative of a change of a state of the application last received from the server computer is generated and transmitted to the server computer. At the server computer the client difference program is executed for determining an updated state of the application and a server difference program having encoded a difference between the updated state of the application and the state of the application last sent to the client computer is generated. The server difference program is then transmitted to the client computer and at the client executed for updating the state of the application last received from the server computer.