(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
21 December 2000 (21.12.2000)

PCT

(10) International Publication Number
WO 00/77685 A3

(51) International Patent Classification[7]: G06F 17/40, 17/60

(21) International Application Number: PCT/US00/15317

(22) International Filing Date: 2 June 2000 (02.06.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/139,171 15 June 1999 (15.06.1999) US
09/471,844 23 December 1999 (23.12.1999) US

(71) Applicant *(for TR only)*: **SCHLUMBERGER LIMITED** [NL/US]; 277 Park Avenue, New York, NY 10172 (US).

(71) Applicant *(for CA only)*: **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 24th Floor, Monenco Place, 801 6th Avenue, S.W., Calgary, Alberta T2P 3W2 (CA).

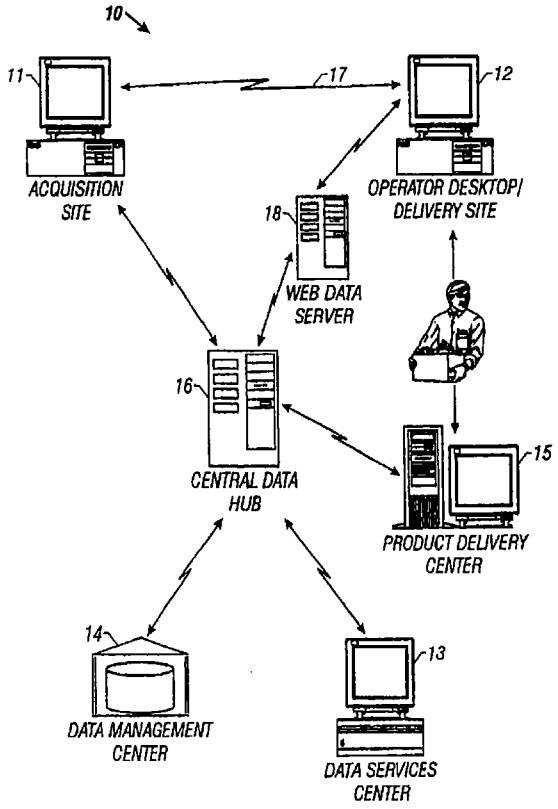
(71) Applicant *(for BF, BJ, CF, CG, CI, CM, DZ, GA, GN, GW, MA, ML, MR, NE, SN, TD, TG, ZA only)*: **PRAD RESEARCH AND DEVELOPMENT N.V.** [NL/NL]; P.O. Box 812, De Ruyterkade 62, Willemstad, Curacao (AN).

(71) Applicant *(for BR only)*: **SCHLUMBERGER SURENCO, S.A.** [PA/VE]; Torre Humboldt, Piso 13, Avenida Rio Caura, Pargue, Humboldt, 1080 Caracas (VE).

(71) Applicant *(for AM, AT, AU, AZ, BY, DE, DK, ES, ID, IE, IT, KG, KP, KR, KZ, MD, MX, NO, NZ, RU, TJ, TM only)*: **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR ELECTRONIC DATA DELIVERY



(57) Abstract: The present invention comprises a data delivery system for delivering oilfield data from an acquisition site (11) to a remote delivery site (12) comprising a central data hub computer (56) that processes a workflow order (230) for controlling delivery of the oilfield data, a data acquisition site computer (51) that transmits oilfield data over a first communications network to the central data hub (56) in near real-time in response to the workflow order (230) and a data server (58) that receives data from the central data hub (56) over a second communications network. The data server (58) communicates with multiple remote delivery site computers (52) for the simultaneous display of oilfield data in near real-time at the multiple delivery site computers (52) in response to the workflow order (230).

WO 00/77685 A3

162162

G00002

(71) **Applicant** *(for FR only)*: **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint-Dominique, F-75007 Paris (FR).

(71) **Applicant** *(for all designated States except AM, AT, AU, AZ, BF, BJ, BR, BY, CA, CF, CG, CI, CM, CN, DE, DK, DZ, ES, FR, GA, GN, GW, ID, IE, IT, KG, KP, KR, KZ, MA, MD, ML, MR, MX, MZ, NE, NO, NZ, RU, SN, TD, TG, TJ, TM, TR, TT, ZA)*: **SCHLUMBERGER HOLDINGS LIMITED** [—/—]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).

(71) **Applicant** *(for CN only)*: **SCHLUMBERGER OVERSEAS S.A.** [PA/PA]; No. 8 Calle Aquilino de la Guardia, Panama City (PA).

(71) **Applicant** *(for TT only)*: **SCHLUMBERGER SERVICES LIMITED** [—/—]; 1st Fl., Bank Of Nova Scotia Bldg., Wickhams Cay, Tortola (VG).

(72) **Inventors: HARVEY, Diane, M.**; 1308 Aggie Lane, Austin, TX 78757 (US). **PANDYA, Yogendra, C.**; 8911 Marybank Drive, Austin, TX 78750 (US). **ANIGBOGU, Julian, C.**; 2313 Sandra Drive, Cedar Park, TX 78613 (US). **PROVOST, J., Thomas**; 2602 Brunston Court, Round Rock, TX 78681 (US). **ALVARADO, Juan, C.**; 1709 Blue Bell Drive, Cedar Park, TX 78613 (US). **SCHEIBNER, David, J.**; 3417 John Simpson Trail, Austin, TX 78732 (US). **KANVINDE, Sanjay, S.**; 10050 Great Hills Trail #1212, Austin, TX 78759 (US). **FOGELSONG, Bruce, A.**; 307 Shady Oak Drive, Georgetown, TX 78628 (US). **KAAN, Keith, G.**; 100 N. Live Oak, Mason, TX 76856 (US).

(74) **Agents: JANSSON, Pehr, B.** et al.; Schlumberger Austin Technology Center, Intellectual Property Law Department, 8311 North FM 620 Road, Austin, TX 78726 (US).

(81) **Designated States** *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW.

(84) **Designated States** *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) **Date of publication of the international search report:**
14 February 2002

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.