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(71) Applicant (for CA only): **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 525-3rd Avenue S.W., Calgary, Alberta T2P 0G4 (CA).

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

(71) Applicant (for GB, JP, NL only): **SCHLUMBERGER HOLDINGS LIMITED** [GB/GB]; P.O. Box 71 Craig-

muir Chambers Road Town, Tortola, British Virgin Islands GB 1110 (GB).

(71) Applicant (for AL, AM, AU, AZ, BF, BG, BJ, BY, CF, CG, CI, CM, CO, CZ, DE, DK, GA, GN, GQ, GR, GW, HU, ID, IE, IL, IT, KG, KP, KR, KZ, LT, MD, ML, MR, MX, MY, NE, NO, NZ, OM, PL, RO, RU, SI, SK, SN, TD, TG, TH, TJ, TM, TN, TR, TT, UZ, ZA only): **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 The Hague (NL).

(71) Applicant (for all designated States except AL, AM, AU, AZ, BF, BG, BJ, BY, CA, CF, CG, CI, CM, CO, CZ, DE, DK, FR, GA, GB, GN, GQ, GR, GW, HU, ID, IE, IL, IT, JP, KG, KP, KR, KZ, LT, MD, ML, MR, MX, MY, NE, NL, NO, NZ, OM, PL, RO, RU, SI, SK, SN, TD, TG, TH, TJ, TM, TN, TR, TT, US, UZ, ZA): **PRAD RESEARCH AND DEVELOPMENT LIMITED** [GB/GB]; P.O. Box 71 Craigmuir Chambers, Road Town, Tortola, British Virgin Islands GB 1110 (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SRIDHAR, Garud** [IN/SG]; 2 Marina Blvd, The Sail At the Marina, Apt 14-05, Singapore 018987 (SG). **WEDGE, Mike**

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(54) Title: SYSTEM, METHOD, AND APPARATUS FOR OILFIELD EQUIPMENT PROGNOSTICS AND HEALTH MANAGEMENT

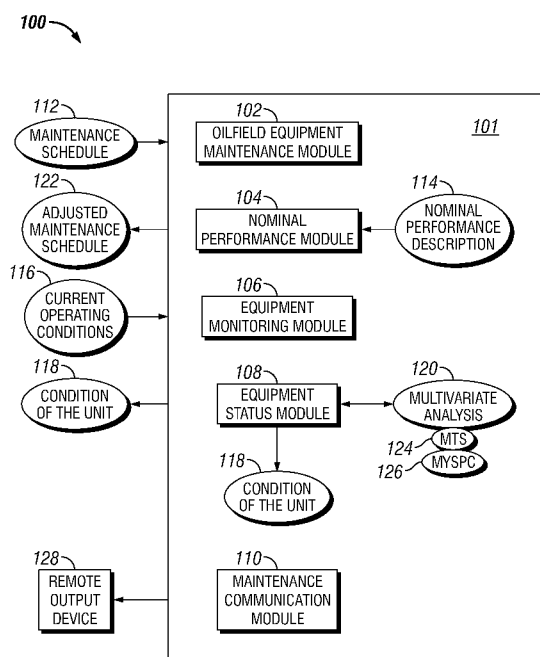


FIG. 1

(57) Abstract: A system for oilfield equipment asset utilization improvement includes a number of units of oilfield equipment, the units of oilfield equipment having a common equipment type. The system further includes a controller having an equipment confidence module that interprets a condition value corresponding to each of the units of oilfield equipment, a job requirement module that interprets a performance requirement for an oilfield procedure, and an equipment planning module that selects a set of units from the number of units of oilfield equipment in response to the performance requirement for the oilfield procedure and the condition value corresponding to each of the units of oilfield equipment. The equipment planning module selects the set of units such that a procedure success confidence value exceeds a completion assurance threshold.



[US/US]; 9715 Calverton Drive, Sugar Land, Texas 77478 (US). **LE, Dzong** [US/US]; 10225 Chestnut Ridge Rd, Austin, Texas 78726 (US). **ADNAN, Sarmad** [US/US]; 34 Penny Green Street, Sugar Land, Texas 77479 (US). **WIJAYA, Iskandar** [ID/US]; 3118 Pablo Picasso Drive, Sugar Land, Texas 77479 (US). **DEFREITAS, Orlando** [NL/US]; 3103 Lonesome Ridge Ct., Sugar Land, Texas 77478 (US). **ROLOVIC, Radovan** [US/US]; 6402 Kenall Creek Drive, Sugar Land, Texas 77479 (US). **ALDANA, Sandra** [CO/US]; 99 N. Post Oak Lane, Apt 7404, Houston, Texas 77024 (US). **RODRIGUEZ, Luis** [US/US]; 2107 Braesmeadow Ln., Sugar Land, Texas 77479 (US).

(74) **Agent: DAE, Michael**; 555 Industrial Blvd., Sugar Land, Texas 77478 (US).

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