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

(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, QA, RO, RU, SI, SK, SN, TD, TG,

TH, TJ, TM, TN, TR, TT, UZ, ZA only): **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89m, NL-2514 JG The Hague (NL).

(71) Applicant (for GB, JP, NL only): **SCHLUMBERGER HOLDINGS LIMITED** [GB/GB]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, Virgin Islands, British GB 1110 (GB).

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

(71) Applicant (for all designated States except AU, BN, CA, CO, CZ, DE, DK, FR, GB, GR, HU, ID, IE, IL, IT, KR, LT, MX, MY, NL, NO, NZ, OM, PL, QA, RO, SI, TN, TR, TT, US, UZ, ZA): **PRAD RESEARCH AND DEVELOPMENT LIMITED** [GB/GB]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, Virgin Island, British GB 1110 (GB).

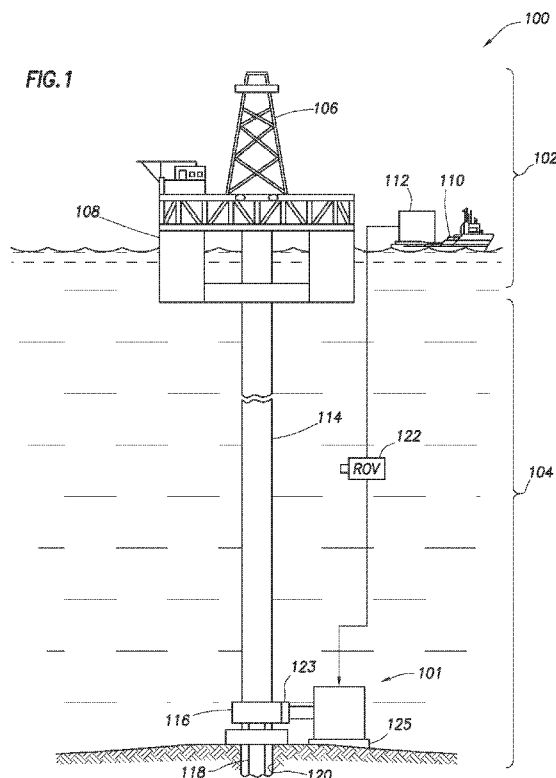
(72) Inventors; and

(75) Inventors/Applicants (for US only): **THERON, Bernard** [FR/GB]; Schlumberger Oilphase Product Center, Wood-

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(54) Title: METHOD AND SYSTEM FOR SAMPLING MULTI-PHASE FLUID AT A PRODUCTION WELLSITE

FIG. 1



(57) Abstract: A system and method for sampling fluid from a production wellsite are provided. The system includes an interface operatively connectable to the port and a separation circuit operatively connectable to the interface for establishing fluid communication therebetween. The separation circuit includes a pumping unit and at least one sample chamber. The pumping unit includes pumping chambers having a cylinder with a piston therein defining a fluid cavity and a buffer cavity. The fluid cavities define a separation chamber for receiving the fluid and allowing separation of the fluid therein into phases. The buffer cavities have a buffer fluid selectively movable therebetween whereby the fluid flows through the separation circuit at a controlled rate. The sample chamber is for collecting at least one sample of the phases of the fluid.



lands Drive, Kirkhill Industrial, Estate, Dyce, Aberdeen, Aberdeenshire AB21 0GW (GB). **NIGHSWANDER, John** [CA/US]; Park Row Laboratory, 16115 Park Row, Suite 150, Houston, Texas 77084 (US). **SAUNDERS, Robert** [US/US]; 6423 Gleneagles Drive, Pasadena, Texas 77505 (US). **SBORDONE, Andrea** [IT/GB]; Pitmedden South, Units 18-22, Kirkton Avenue, Dyce, Aberdeen Aberdeenshire AB21 0BF (GB). **GUIEZE, Paul** [FR/FR]; 76 Rue Principale -Glatigny, F-77370 Fontenailles (FR). **SMITH, Gerald** [GB/FR]; Schlumberger Techniques Schlumberger, Les Collines de l'Arche, Le Madeleine D, 76 route de la Demi-Lune, F-92057 La Defense (FR).

(74) **Agents:** **CHI, Stephanie** et al.; 10001 Richmond Avenue, IP Administration Center of Excellence, Room 4720, Houston, Texas 77042 (US).

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