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(21) International Application Number: PCT/CA99/01239 (22) International Filing Date: 31 December 1999 (31.12.99) (30) Priority Data: 2,257,706 31 December 1998 (31.12.98) CA 09/339,385 24 June 1999 (24.06.99) US (71) Applicant (for all designated States except US): 453168 B.C. LTD. [CA/CA]; #675, 340 - 12 Avenue South West, Calgary, Alberta T2R 1L5 (CA). (72) Inventors; and (75) Inventors/Applicants (for US only): SICOTTE, Paul [CA/CA]; 39 Summit Pointe Drive, R.R. #1, DeWinton, Alberta T0L 0X0 (CA). LAURELL, Ari [CA/CA]; 344 Lake Ontario Place South East, Calgary, Alberta T2J 4Y3 (CA). (74) Agent: CHARI, Santosh, K.; Orange Chari Pillay, Suite 3600, P.O. Box 190, Toronto Dominion Bank Tower, Toronto Dominion Centre, Toronto, Ontario M5K 1H6 (CA).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, 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 <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: PROCESS AND COMPOSITION FOR TREATING HYDROCARBON CONTAMINATED MATERIAL (57) Abstract A composition for treating materials contaminated with hydrocarbon compounds comprises a protein component, a bulking agent and a microbial culture capable of metabolizing the hydrocarbon contaminants. The composition is mixed with the contaminated material and absorbs or adsorbs the contaminants thereby preventing leaching of same into the environment. The microbial culture allows for biodegradation of the contaminant thereby removing any environmental risk associated with the contaminated material. The protein component and bulking agent are preferably organic in nature and the microbial culture may be indigenous to the protein material. The invention also provides a method of treating hydrocarbon-contaminated material using a composition as described above. The invention is particularly suited for treating contaminated drill cuttings.		