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(21) International Application Number: PCT/US99/24019 (22) International Filing Date: 12 November 1999 (12.11.99) (30) Priority Data: 09/191,702 13 November 1998 (13.11.98) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 09/191,702 (CIP) Filed on 13 November 1998 (13.11.98) (71) Applicant (for all designated States except US): IR SYSTEMS INTERNATIONAL [US/US]; 1373 East Morehead Street, Suite 202, Charlotte, NC 28204 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): O'HAM, Jeffrey, K. [US/US]; 3610 Highview Road, Charlotte, NC 28210 (US). (74) Agents: BURKE, John, E. et al.; Pillsbury Madison & Sutro LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).		(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>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: APPARATUS FOR SEPARATION OF CONSTITUENTS FROM MATRICES (57) Abstract The present invention provides an apparatus useful for the separation of hazardous and non-hazardous organic and inorganic constituents from various matrices. A method of separating such constituents is also provided.		