

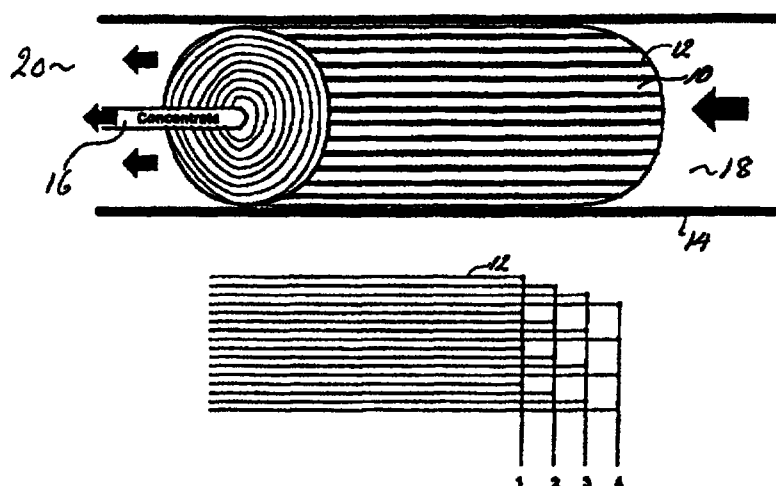


PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B03C 5/02, G01N 33/487, C12M 1/34	A1	(11) International Publication Number: WO 98/10869 (43) International Publication Date: 19 March 1998 (19.03.98)
(21) International Application Number: PCT/GB97/02484 (22) International Filing Date: 10 September 1997 (10.09.97) (30) Priority Data: 9619093.9 12 September 1996 (12.09.96) GB (71) Applicant (for all designated States except US): SCIENTIFIC GENERICS LIMITED [GB/GB]; Harston Mill, Harston, Cambridge CB2 5NH (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): AGER, Colin, Dennis [GB/GB]; 25 Bentley Road, Cambridge CB2 2AW (GB); DAMES, Andrew, Nicholas [GB/GB]; 74 De Freville Avenue, Cambridge, Cambridgeshire CB4 1HU (GB); PURVIS, Duncan, Ross [GB/GB]; 87 Mill Road, Royston, Hertfordshire SG8 7AJ (GB); SAFFORD, Nicholas, Archibald [GB/GB]; 61 Gwydir Street, Cambridge, Cambridgeshire CB1 1LG (GB). (74) Agent: SMART, Peter, J.; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (GB).		(81) Designated States: CA, JP, KR, SG, US, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published With international search report.

(54) Title: METHODS OF ANALYSIS/SEPARATION**(57) Abstract**

Particles are separated according to their dielectrophoretic characteristics and electrorotation characteristics by the use of a travelling wave separation in which they flow from a departure point at an inlet (18) towards at least two destinations at outlets (16, 20) and are deflected toward one or other outlet according to their said characteristics by a travelling wave field set up on an array of electrodes, each electrode running generally in the direction of flow.