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(21) International Application Number: PCT/US00/11043 (22) International Filing Date: 25 April 2000 (25.04.00) (30) Priority Data: 09/299,388 27 April 1999 (27.04.99) US (71) Applicant: MICRODOSE TECHNOLOGIES, INC. [US/US]; Suite 3, 4262 U.S. Route 1, Monmouth Junction, NJ 08852 (US). (72) Inventors: FOTLAND, Richard; 220 Chamberlain Street, Holliston, MA 01746 (US). BOWERS, John; P.O. Box 401, Clarksburg, NJ 08510 (US). JAMESON, William; 14 Endicott Lane, West Windsor, NJ 08550 (US). (74) Agents: SOLOWAY, Norman, P. et al.; Hayes, Soloway, Hen- nessey, Grossman & Hage, 175 Canal Street, Manchester, NH 03101 (US).		(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, 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, 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.</i>
(54) Title: METHOD AND APPARATUS FOR PRODUCING UNIFORM SMALL PORTIONS OF FINE POWDERS AND ARTICLES THEREOF		
(57) Abstract Uniform portions of fine powders are deposited on a substrate (27) by electrostatic attraction in which the charge of the electric field and polarity of the charged particles are varied repeatedly to form a buildup of powder on the carrier surface.		

