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(21) International Application Number: PCT/US97/01428 (22) International Filing Date: 30 January 1997 (30.01.97) (30) Priority Data: 08/648,635 13 May 1996 (13.05.96) US (71) Applicant (for all designated States except US): MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): MARACAS, Richard [US/US]; 2613 E. Bigham Avenue, Phoenix, AZ 85048-9512 (US). ACKLEY, Donald, E. [US/US]; 317 Goat Hill Road, Lambertville, NJ 08530 (US). REBER, William, L. [US/US]; 1029 Buccaneer Road #6, Schaumburg, IL 60916 (US). HARVEY, Thomas, B., III [US/US]; 8919 N. 80th Way, Scottsdale, AZ 85258 (US). (74) Agents: TOLER, Jeffrey, G. et al.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: METHODS AND SYSTEMS FOR BIOLOGICAL REAGENT PLACEMENT (57) Abstract An apparatus for placing at least one biological reagent at a plurality of locations on a substrate includes a stamp member onto which the at least one biological reagent is applied. The stamp member defines a plurality of transfer elements patterned to correspond to the plurality of locations. The stamp member contacts the substrate to transfer the at least one biological reagent from the plurality of transfer elements to the plurality of locations. The transfer elements can be defined by reservoirs or projected portions of the stamp member.		