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<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>(21) International Application Number: PCT/IL97/00136</p> <p>(22) International Filing Date: 29 April 1997 (29.04.97)</p> <p>(30) Priority Data: 118057 29 April 1996 (29.04.96) IL</p> <p>(71) Applicant (for all designated States except US): JC TECHNOLOGIES LTD. [IL/IL]; 21 Havaad Haleumi Street, 93721 Jerusalem (IL).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): EISENBERG, Naftali, Paul [IL/IL]; 47 Harav Uziel Street, 96423 Jerusalem (IL). ARIELI, Yoel [IL/IL]; 14 Rabbi Meir Street, 93185 Jerusalem (IL).</p> <p>(74) Agents: SANFORD, T., Colb et al.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).</p> </div> <div style="width: 48%;"> <p>(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, GH, 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, SK (Utility model), TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), 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).</p> <p>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></p> </div> </div>		
<p>(54) Title: OPTICAL PHASE ELEMENT</p> <div style="text-align: center; margin: 20px 0;"> </div>		
<p>(57) Abstract</p> <p>A method for modulating a beam of radiation to project a desired intensity distribution through an optical phase element (20), including selectively shifting the phase of the beam as a function of lateral position, based on the desired intensity distribution; filtering the phase-shifted beam through a Fourier filter (24) according to spatial frequencies thereof, and focusing the filtered beam with an imaging lens (26). A desired phase shift is determined at a plurality of lateral positions in the beam, as a function of the desired intensity at respective, corresponding points in an image plane (28) of the beam.</p>		