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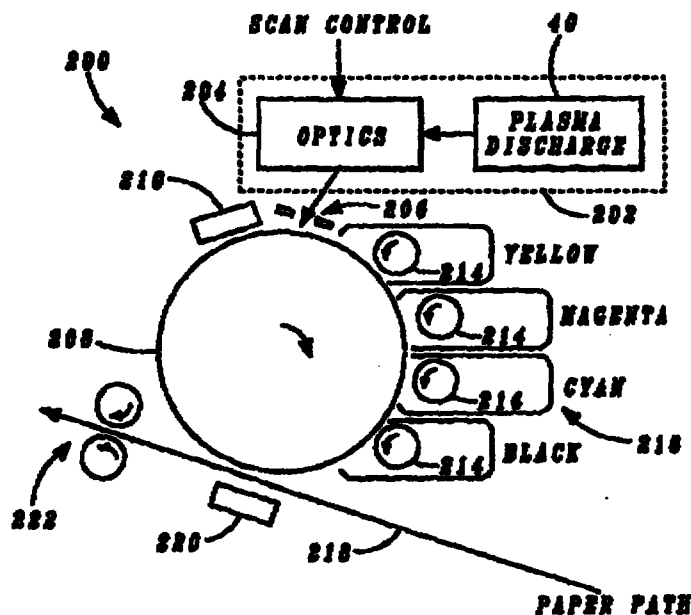
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(54) Title: FIELD CONTROLLED PLASMA DISCHARGE PRINTING DEVICE



(57) Abstract

A field controlled plasma discharge display element is disclosed for use in single (40) or multiple element (88) plasma displays and for light source in single element (200) and multiple element (230, 250) plasma discharge electrostatic printers. The display element includes a pair of hollow discharge electric field electrodes (42, 46), and a third electrode (60) positioned external to and aligned with the discharge electric field electrodes for generating a control electric field (64) proximate to the discharge electric field (58). In printer applications, the plasma discharge device(s) is (are) modulated in order to produce a latent image thereon.