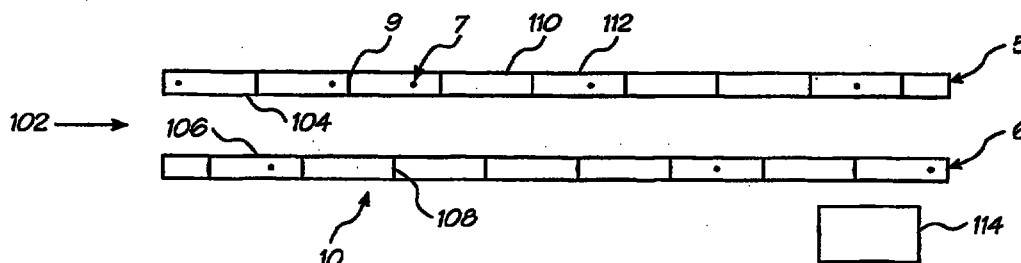




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : B41J 2/145	A1	(11) International Publication Number: WO 00/64680 (43) International Publication Date: 2 November 2000 (02.11.00)
(21) International Application Number: PCT/AU00/00340 (22) International Filing Date: 20 April 2000 (20.04.00) (30) Priority Data: PP 9933 22 April 1999 (22.04.99) AU (71) Applicant (for all designated States except US): SILVERBROOK RESEARCH PTY. LTD. [AU/AU]; 393 Darling Street, P.O. Box 207, Balmain, New South Wales 2041 (AU). (72) Inventor; and (75) Inventor/Applicant (for US only): SILVERBROOK, Kia [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). (74) Agent: SILVERBROOK, Kia; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).		(81) Designated States: AB, 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, US, 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: PAGE-WIDTH PRINthead**(57) Abstract**

A page-width printhead for an ink printer. The printhead (102) comprises a series of individual printhead elements (110, 112), each having an array of ink ejection nozzles (7) formed therein. The series of printhead elements extends substantially across the width of the printhead, with respective end portions of adjacent elements (104, 106) being located side by side in overlapping relationship. A dithering unit (114) is provided for controlling the ejection of ink from the ink ejection nozzles of the printhead elements and the dithering unit is arranged, in use, to provide an overlap dithering matrix for a pair of the respective end portions.