



(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
2 May 2002 (02.05.2002)

PCT

(10) International Publication Number
WO 02/34549 A1(51) International Patent Classification⁷: **B43K 1/00**,
8/22, 29/08, B41J 2/165, G06K 11/18(AU). **SILVERBROOK, Kia** [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041 (AU).

(21) International Application Number: PCT/AU00/01283

(22) International Filing Date: 20 October 2000 (20.10.2000)

(25) Filing Language: English

(26) Publication Language: English

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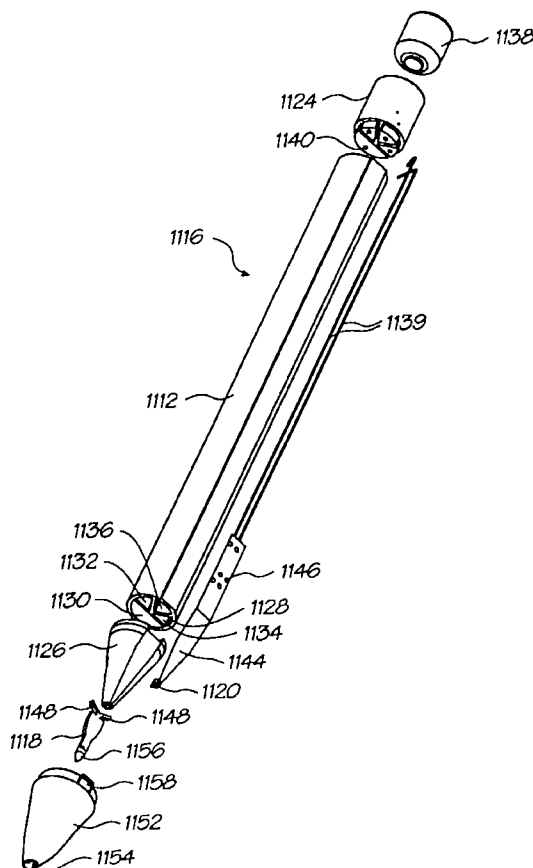
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(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, 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.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, 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,

[Continued on next page]

(54) Title: PRINthead/CARTRIDGE FOR ELECTRONICALLY CONTROLLABLE PEN



(57) Abstract: A cartridge for a pen including a marking device (1120) such as an ink jet head and a non marking stylus (1156) for contacting the writing surface, the pen being operative to mark a visible path onto the surface, the marking device being electronically controllable to change an attribute of the path such as colour or line thickness. The pen includes a user interface such as buttons or a sliders (1404, 1406, 1408) and a display (1410) whereby a user may modify the attribute. A sensor is capable of sensing images including coded data or colour which can be stored in a memory or transmitted to an external control source. The stylus can slide along its longitudinal axis to activate a switch to power the print head operating integrated circuit and/or open a rotary ink jet head cap. The stylus may include a pressure transducer to measure the force applied by the hand as further security in identifying a signature.

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IT, LU, MC, NL, PT, SE). OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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Published:

— *with international search report*