

20 MAY 2004

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 June 2001 (07.06.2001)

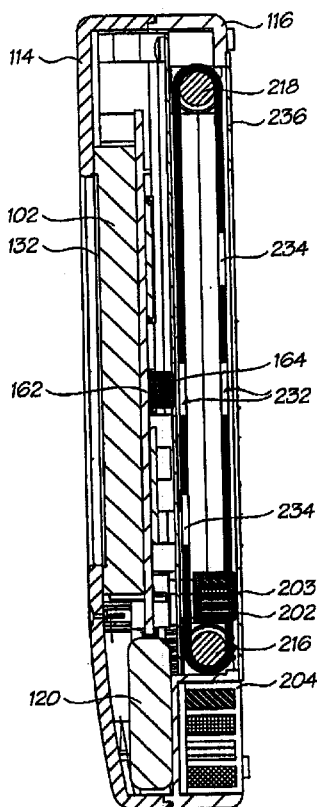
PCT

(10) International Publication Number
WO 01/41045 A1

- (51) International Patent Classification⁷: G06K 7/10, G06F 17/60
- (21) International Application Number: PCT/AU00/01452
- (22) International Filing Date:
27 November 2000 (27.11.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
PQ 4392 1 December 1999 (01.12.1999) AU
- (71) Applicant (for all designated States except US): SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
- (72) Inventors; and
(75) Inventors/Applicants (for US only): LAPSTUN, Paul [NO/AU]; 13 Duke Avenue, Rodd Point, New South Wales 2046 (AU). SILVERBROOK, Kia [AU/AU]; c/o Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). KING, Tobin, Allen [AU/AU]; Unit 2, 125 Cremorne Road, Cremorne, New South Wales 2090 (AU).
- (74) Agent: SILVERBROOK, Kia; c/o Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).
- (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,

[Continued on next page]

(54) Title: VIEWER WITH CODE SENSOR AND PRINTER



(57) Abstract: A viewer (100) is provided for displaying and allowing interaction with interactive information and application interfaces. The viewer includes at least one code sensor (112) for sensing coded data (202) disposed on a surface (200). The viewer transmits data derived from the sensed data to a computer system and receives, in response, data for display on a color display (102). The visual content of the display may be synchronized with the visual content of the underlying coded surface. The viewer also includes a printer mechanism (200) for transferring to the underlying surface input captured via a touch-sensitive overlay (132) on the display (102).

WO 01/41045 A1



162162



G00002

WO 01/41045 A1

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

Published:

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.