

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
22 February 2007 (22.02.2007)

PCT

(10) International Publication Number
WO 2007/019600 A1

(51) International Patent Classification:
G01L 1/26 (2006.01) *G06K 9/24* (2006.01)

(74) Agent: SILVERBROOK RESEARCH PTY LTD; 393
Darling Street, Balmain, New South Wales 2041 (AU).

(21) International Application Number:
PCT/AU2006/001066

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(22) International Filing Date: 31 July 2006 (31.07.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2005904511 19 August 2005 (19.08.2005) AU

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

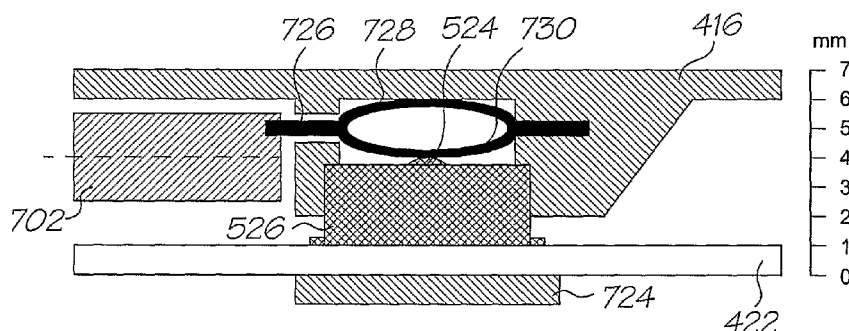
(72) Inventors; and

(75) Inventors/Applicants (*for US only*): LAPSTUN, Paul [NO/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). SILVERBROOK, Kia [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU). UNDERWOOD, Matthew, John [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU). KING, Tobin, Allen [AU/AU]; 393 Darling Street, Balmain, NSW 2041 (AU).

Published:
— with international search report

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.

(54) Title: AN ELECTRONIC STYLUS WITH A FORCE RE-DIRECTING COUPLING



(57) Abstract: A force sensor particularly suited for use in an electronic stylus that senses an applied force on its nib for recording pen strokes and handwriting recognition. The sensor has a load bearing member for receiving an input force to be sensed and associated circuitry for converting the input force into an output signal indicative of the input force. A coupling at least partially transmits the applied force to be the input force acting on the load bearing member. The force transfer coupling transferring the forces so that the applied force and the input force are not co-linear.

WO 2007/019600 A1