



(51) International Patent Classification:

G06F 3/033 (2006.01) H04W 88/08 (2009.01)
G06F 3/06 (2006.01)

(21) International Application Number:

PCT/SG2010/000253

(22) International Filing Date:

6 July 2010 (06.07.2010)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant (for all designated States except US): T-DATA SYSTEMS (S) PTE LTD [SG/SG]; 1 Palm Drive, Singapore 456458 (SG).

(72) Inventor; and

(75) Inventor/Applicant (for US only): TAN, Joon Yong, Wayne [SG/SG]; c/o T-Data Systems (S) Pte Ltd, 1 Palm Drive, Singapore 456458 (SG).

(74) Agent: WATKIN, Timothy Lawrence Harvey; Marks & Clerk Singapore LLP, Tanjong Pagar, P O Box 636, Singapore 910816 (SG).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

— with international search report (Art. 21(3))

(54) Title: DATA STORAGE DEVICE WITH DATA INPUT FUNCTION

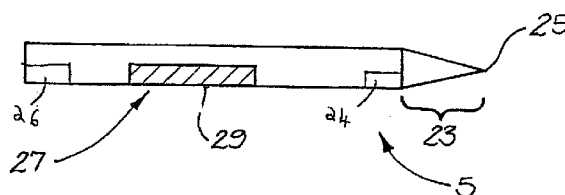


FIG. 2(a)

(57) Abstract: A data storage device (5) having a storage capacity of at least 8Mbyte is surrounded by a housing including a stylus portion (23), having a tip (25) for indicating a position. The stylus includes a position sensing device for generating position data indicative of the position of stylus. The stylus further includes wireless communication means for transmitting and/or receiving data for storage, and also transmitting the position data. The position sensing device may be an accelerometer. Alternatively, it may be a laser-reading head (243), for generating a signal based on received reflections from an emitted laser beam (245). The data storage device may further include an audio sensor (142, 242), and be arranged to distinguish vocal commands in the output of the audio sensor 142, 242.

