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(71) Applicant *(for all designated States except US)*: **2012244 ONTARIO INC.** [CA/CA]; 295 Phillip Street, Waterloo, Ontario N2L 3W8 (CA).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **FUX, Vadim** [IL/CA]; 575 Rustic Drive, Waterloo, Ontario N2K 2A4 (CA). **KOLOMIETS, Sergev, V.** [IL/CA]; 476 Kingscourt Drive, Unit 1, Waterloo, Ontario N2K 3R3 (CA).

(74) Agents: **PATHIYAL, Krishna, K.** et al.; Research In Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8 (CA).

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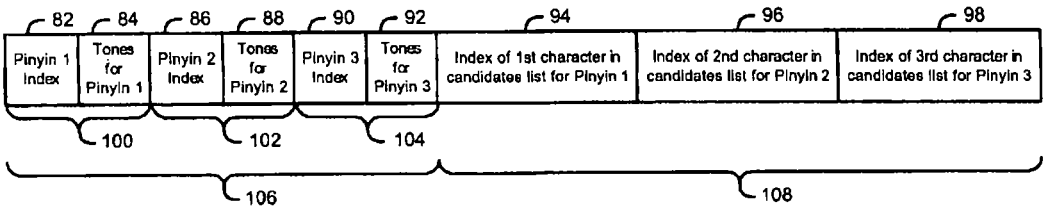
Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent*

[Continued on next page]

(54) Title: METHOD AND SYSTEM OF CREATING AND USING CHINESE LANGUAGE DATA AND USER-CORRECTED DATA



(57) Abstract: Unique identifiers for each of a plurality of Chinese Pinyin syllables are generated and stored in an array of identifiers. A plurality of Hanzi character candidate lists is also generated, each list including Hanzi character candidates associated with a Pinyin syllable. Each identifier in the array has an array index, and each Hanzi character candidate in each list has a candidate index in the list. For each of a plurality of words having multiple Pinyin syllables, a data record including a key and a value is then generated. In a data record for a word, the key is an array index of the identifier in the array of identifiers and tone information for each of the multiple Pinyin syllables of the word, and the value is a candidate index, in the list of candidates associated with each of the Pinyin syllables, of the candidate that represents each of the Pinyin syllables.

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ACTION

(GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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