

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
15 September 2022 (15.09.2022)



(10) International Publication Number
WO 2022/191769 A1

(51) International Patent Classification:

G06F 21/31 (2013.01) G06F 40/166 (2020.01)
G06K 9/00 (2006.01) G06N 20/00 (2019.01)

(21) International Application Number:

PCT/SG2021/050124

(22) International Filing Date:

10 March 2021 (10.03.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant: **VOYAGER INNOVATIONS HOLDINGS PTE. LTD.** [SG/SG]; 100 Beach Road, #25-06 Shaw Towers, Singapore 189702 (SG).

(72) Inventors: **VILLANUEVA, Mary Grace**; c/o 6th Floor Launchpad Building, Sheridan Corner Reliance Street, Highway Hills, Mandaluyong City, 1550 (PH). **MAN-ALANG, Jun Arvin**; c/o 6th Floor Launchpad Building, Sheridan Corner Reliance Street, Highway Hills, Mandaluyong City, 1550 (PH). **NOEL, Joseph Christian**; c/o 6th Floor Launchpad Building, Sheridan Corner Reliance Street, Highway Hills, Mandaluyong City, 1550 (PH).

(74) Agent: **YUSARN AUDREY LLC**; 4 Shenton Way, #14-03, SGX Centre 2, Singapore 068807 (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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- of inventorship (Rule 4.17(iv))

(54) Title: KYC METHOD AND KYC PLATFORM FOR CORRECTION OF RAW TEXT WITHOUT USE OF TEXT REGIONS

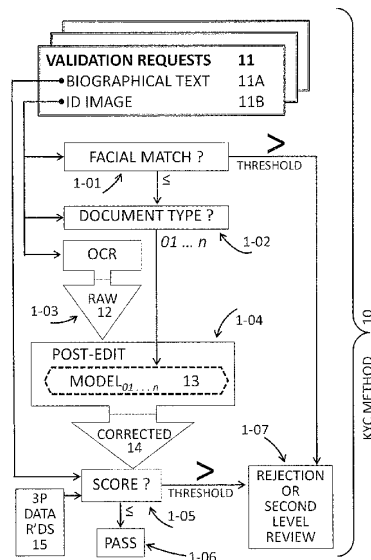


FIG. 1

(57) Abstract: A KYC method (10) or KYC platform (24) for receiving and processing a plurality of validation requests (11) which include ID images (11B). Validation requests (11) with fraudulent ID images (11B) are red flagged using facial matching. Document types for each ID image (11B). ID images (11B) undergo OCR processing without the use of text regions to produce raw text (12). Raw text (12) from the ID images (11B) is post-edited to create corrected text (14). Post-editing includes use of tailored error correction models (13) associated with the document type of the ID image (11B).

WO 2022/191769 A1

[Continued on next page]

Published:

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