



(51) International Patent Classification:

G06Q 20/18 (2012.01) G06K 9/78 (2006.01)
G07F 11/62 (2006.01)

(21) International Application Number:

PCT/SG2017/050526

(22) International Filing Date:

20 October 2017 (20.10.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

201720976111.5 07 August 2017 (07.08.2017) CN

(72) Inventor; and

(71) Applicant: WANG, Haiwei [CN/SG]; Apartment Block
272C, Punggol Walk, #11-581, Singapore 823272 (SG).

(74) Agent: SYNERGY IP PTE. LTD.; 150 Cecil Street
#07-02, Singapore 069543 (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, 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, 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, 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).

(54) Title: VENDING MACHINE

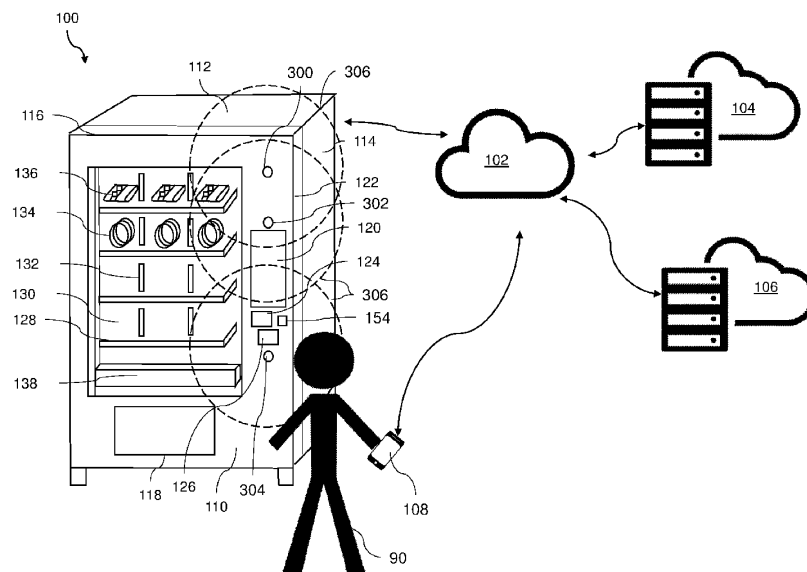


Fig. 1

(57) Abstract: A vending machine comprises a shelf for holding goods; an automatic payment terminal connected to the shelf for receiving payment of selling the goods; and at least one biometric reader that is connected to the automatic payment terminal for performing electronic bill payment of the goods. A method of selling goods automatically comprises step of providing goods on a shelf of a vending machine; reading biometric data of a user in order to identify the user; processing payment of the user according to the biometric data; and releasing the goods after receiving the payment.

Declarations under Rule 4.17:

- *as to the identity of the inventor (Rule 4.17(i))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *of inventorship (Rule 4.17(iv))*

Published:

- *with international search report (Art. 21(3))*