



- (51) **International Patent Classification:**
G06F 17/30 (2006.01)
- (21) **International Application Number:**
PCT/US2014/045541
- (22) **International Filing Date:**
7 July 2014 (07.07.2014)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
61/843,102 5 July 2013 (05.07.2013) US
- (71) **Applicant:** CHEN, Chung-Chin [US/US]; 625 Slaters Lane, 4th Floor, Alexandria, VA 22314 (US).
- (72) **Inventor; and**
(71) **Applicant :** LIN, Chung-Yu; 21F., No. 236, Bo-ai 4th Rd., Zuoying District, Kaohsiung City, 813 (CN).
- (74) **Agent:** URCIA, Benjamin, E.; Bacon & Thomas, PLLC, 625 Slaters Lane, 4th Floor, Alexandria, VA 22314 (US).
- (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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, 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, 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, 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).

Published:

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

[Continued on next page]

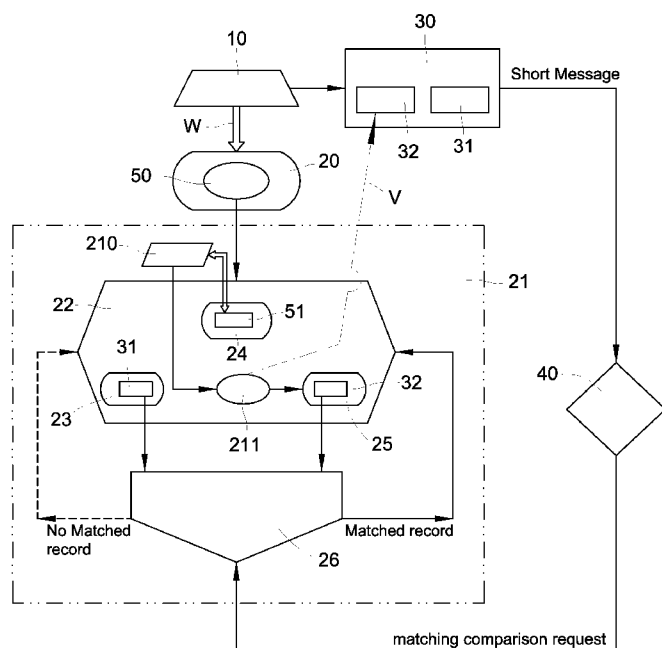
(54) **Title:** NETWORK IDENTITY AUTHENTICATION USING COMMUNICATION DEVICE IDENTIFICATION CODE

FIG.3

(57) **Abstract:** A method of network identity authentication uses an identification code of a communication device and a network operating password. The network operating password is generated by a password generator in the website server by capturing a partial portion or all of the identification code of a website, account, transaction or other services. The result of the network identity authentication for the identification code of a communication device and network operating password is directly sent back to the network identity authentication system, thereby eliminating the possibility of invasion by a "phishing scam" or "man-in-the-middle attack," which can happen in the conventional "dynamic password" authentication method.



-
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*