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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
16 May 2013 (16.05.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/067601 A2

(51) International Patent Classification:
H04L 9/00 (2006.01)

(21) International Application Number:
PCT/AU2012/001391

(22) International Filing Date:
12 November 2012 (12.11.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2011904705 11 November 2011 (11.11.2011) AU

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(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, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished upon receipt of that report (Rule 48.2(g))*

(54) **Title**: SECURE MESSAGING

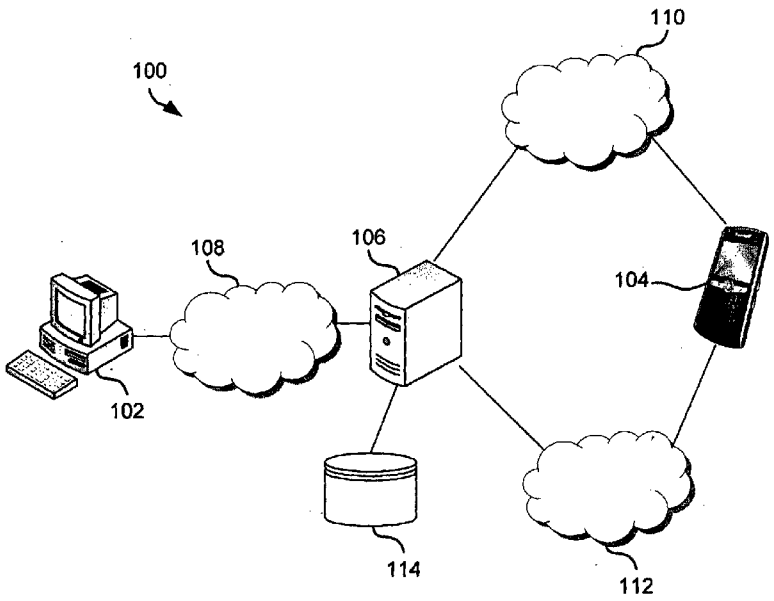

Figure 1

(57) **Abstract**: A method for transmitting an encrypted message from a messaging server (106) to a handset (104) comprising the steps of receiving, at the messaging server (106) and from a sender computer (102), a message to be sent to the handset (104) and a handset identifier associated with the handset and determining that the handset is not registered with the messaging server (106) by determining that the handset identifier does not have an associated handset encryption key stored at the messaging server. The handset (104) is registered by sending a notification to the handset requesting registration, receiving back a handset encryption key associated with the handset identifier; and storing the handset encryption key against the handset identifier at the messaging server which is to be used to encrypt the received message before sending. Prior to registering the handset (104), intermediate encryption of the message may be employed to create an intermediate encrypted message to be stored at the messaging server.

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