



(51) International Patent Classification:

G06Q 20/30 (2012.01) H04W 12/06 (2009.01)
G06Q 20/38 (2012.01)

(21) International Application Number:

PCT/AU2015/050619

(22) International Filing Date:

12 October 2015 (12.10.2015)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/063,321 13 October 2014 (13.10.2014) US

(71) Applicant: MAXWELL FOREST PTY LTD [AU/AU];
Level 3, 63 Foveaux Street, Surry Hills, New South Wales
2010 (AU).

(72) Inventors: DENTON, Matthew Charles; c/ - Level 3, 63
Foveaux Street, Surry Hills, New South Wales 2010 (AU).
SCHOFIELD, Anthony Mark; 39 Holmes Crescent,
Campbell, Australian Capital Territory 2612 (AU).

(74) Agent: FREEHILLS PATENT ATTORNEYS; Lv 35,
161 Castlereagh Street, Sydney, New South Wales 2000
(AU).

(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, 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).

Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

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

(54) Title: SMALL FORM FACTOR WIRELESS COMMUNICATION DEVICE AND METHOD

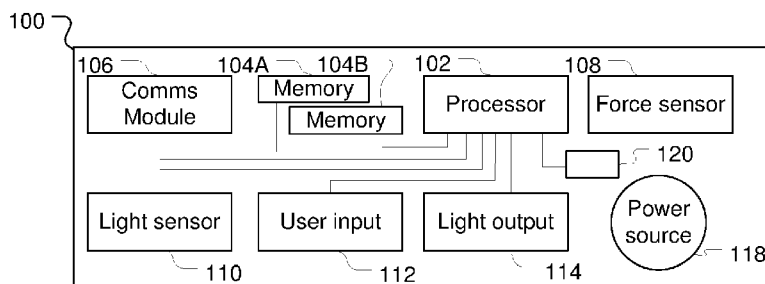


Figure 1A

(57) Abstract: Disclosed herein is a small form factor device for selectively communicating an authorisation signal. The small form factor device comprises a processor configured to process force signals received from a force sensor to determine the occurrence of an authorisation gesture. If an authorisation gesture is determined to have occurred and light is detected by a light sensor of the device, the processor further causes a wireless communications module of the device to transmit an authorisation signal.