

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
24 March 2005 (24.03.2005)

PCT

(10) International Publication Number
WO 2005/027383 A1

(51) International Patent Classification⁷: **H04B 007/00**,
007/005, 007/24, H04L 012/54, 029/00

(74) Agents: **KINSMAN, Anne, L.** et al.; Borden Ladner Ger-
vais LLP, World Exchange Plaza, 100 Queen Street, Suite
1100, Ottawa, Ontario K1P 1J9 (CA).

(21) International Application Number:
PCT/CA2004/001688

(22) International Filing Date:
16 September 2004 (16.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/503,367 16 September 2003 (16.09.2003) US
60/503,366 16 September 2003 (16.09.2003) US

(71) Applicant: **RESEARCH IN MOTION LIMITED**
[CA/CA]; 295 Phillip Street, Waterloo, Ontario N2L 3W8
(CA).

(72) Inventors: **KLASSEN, Gerhard, D.**; 510 Heatherhill
Place, Waterloo, Ontario N2T 1H7 (CA). **WORMALD,**
Christopher, R.; 215 Hawkswood Drive, Kitchener, On-
tario N2K 4J2 (CA). **PHIPPS, Darcy, R.**; 598 Winterburg
Walk, Waterloo, Ontario N2V 2M8 (CA). **DUNK, Craig,**
A.; 23 Grey Oak Drive, Guelph, Ontario N1L 1P2 (CA).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: **HANDHELD ELECTRONIC DEVICE AND ASSOCIATED METHOD PROVIDING AVAILABILITY DATA IN A
MESSAGING ENVIRONMENT**

Quick Messaging: 'Available'		12:30 PM
— ONLINE <25 TOTAL>		
	Availability	Last Msg
84 ✓ Tom Jones	-available 96	06:50 pm
88 ☎ Bud Auto 80	-on the phone	11:20 am
84 ⌚ Evil Knievel 80	-idle 96	Yesterday
88 ✓ Madonna 80	-available 96	11:30 am
84 ☎ Mr Smith	-currently typing	4 minutes
88 🗣 Harry Smith	-in meeting	09:30 am
? Bert Smith	-ignoring data	10:35 am
✓ D Mike Ham	-data delivered	12:23 pm
✓ R My Wife	-data read	12:29 pm
☎ My boss	-unread data	12:30 pm
84 📴 Friend A	-turned off	09:40 am
88 🚫 Friend B	-Blocked QM 96	Yesterday

(57) Abstract: An improved handheld electronic device and an associated method are provided in which enhanced information regarding an "availability" of a user of a handheld electronic device is provided to another electronic device in a messaging environment. Such availability data provides step-wise indications of the relative availabilities of one or more users of electronic devices in a messaging environment. The step-wise indications can, for instance, range from an availability level of "currently active" to several levels of nonavailability. The device and method can be incorporated into an existing messaging environment.

WO 2005/027383 A1

**Published:**

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.