03-08-2004 et No.: 51085-4 /slb FORM PTO-1595 (Modified) RECC U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 2.27.04_ 102687314 Tab settings → ◀ To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): PADAKANDLA KRISHNA RAO and SING JANUS YAU Name: RESEARCH IN MOTION LIMITED Address: 295 Phillip Street ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☐ Merger ☐ Security Agreement City: Waterloo State/Prov.: Ontario ☐ Change of Name ☐ Other Country: Canada ZIP: N2L 3W8 Execution Date: February 25, 2004 ⊠ No Additional name(s) & address(es) ☐ Yes 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: February 25, 2004 Patent Application No. Filing date B. Patent No.(s) 03/03/2004 MBELETE1 00000017 10787302 01 FC:8021 Additional numbers ☐ Yes ☐ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: R. Allan Brett 7. Total fee (37 CFR 3.41):....\$ 40.00 40,476 Registration No. ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: SMART & BIGGAR ☐ Authorized to be charged to deposit account P.O. Box 2999, Station D 900 - 55 Metcalfe Street 8. Deposit account number: City: Ottawa State/Prov.: Ontario 19-2550 Country: Canada ZIP: K1P 5Y6 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy

Total number of pages including cover sheet, attachments, and

of the original document.

R. Allan Brett (Reg. No. 40,476)

Name of Person Signing

Mail documents to be recorded with required cover sheet information to:

February 26, 2004

Date

WORLDWIDE ASSIGNMENT

WHEREAS, I/WE, (hereinafter referred to as the "ASSIGNOR(S)"):

PADAKANDLA KRISHNA RAO, 1148 Klondike Road, Kanata, Ontario, K2W 1C4, CANADA; SING JANUS YAU, 108 Grange Street, Ottawa, Ontario, K1Y 0N9, CANADA

has/have invented certain new and useful improvements in an invention entitled METHOD, SYSTEM, AND DEVICE FOR PROVISIONED TALKGROUP IDENTIFIER DISCOVERY for which an application for United States Letters Patent will be filed, and as further identified by Docket No. 51085-4 and RIM Reference No. 0669; and

WHEREAS, RESEARCH IN MOTION LIMITED, (hereinafter referred to as the "ASSIGNEE"), a corporation organized under the laws of the Province of Ontario, CANADA, having a place of business at 295 Phillip Street, Waterloo, Ontario, CANADA, N2L 3W8, is desirous of acquiring the full and exclusive right, title and interest in and to said application inclusive of any and all priority rights derived therefrom and the inventions therein disclosed, and in and to all Letters Patent, both United States and foreign, to be granted for said inventions;

NOW, THEREFORE, for a valuable consideration, the receipt whereof is hereby acknowledged, I/WE, ASSIGNOR(S) does/do hereby confirm sale, assignment, transfer, and set over, and hereby sell, assign, transfer, and set over unto the ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the aforesaid application for United States Letters Patent inclusive of any and all priority rights derived therefrom, and the inventions therein disclosed, and in and to all Letters Patent and issues thereof which may be granted upon said application and in and to all Letters Patent which may be issued upon any substitutes, divisions, or continuations of said application, and in and to any and all Letters Patent which may be granted for said inventions in any foreign country or countries; the same to be held and enjoyed by the ASSIGNEE for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by me (us) had this assignment and sale not been made;

AND I/WE, ASSIGNOR(S) hereby agrees/agree to execute, upon request, any and all further papers which may be necessary or desirable to enable the ASSIGNEE, its successors and assigns, to file and prosecute said application, and any and all substitutes, divisions, or continuations thereof, and any and all reissues of the Letters Patent granted upon said application, or upon any substitutes, divisions, or continuations thereof, and any and all applications for foreign Letters Patent on said inventions; and ASSIGNOR(S) further agrees/agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of ASSIGNEE, its successors and assigns, in and to said application and the inventions therein disclosed, and in and to any and all Letters Patent and reissues thereof, both United States and foreign, which may be granted upon said application, and any substitutes, divisions, or continuations thereof, and upon any foreign applications.

AND I/WE, ASSIGNOR(S) hereby authorizes/authorize and requests/request The Commissioner of Patents to issue each and every Leuers Patent to be granted upon the aforesaid application for United States Letters Patent, and upon any and all substitutes, divisions, and continuations of said application, and each and every reissue of said Letters Patent, to the ASSIGNEE, its successors and assigns, as the assignee of the entire right, title and interest therein, in accordance with this assignment.

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IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: 25 Feb 2004

1148 Klondike Road Kanata, Ontario K2W 1C4, Canada

STATEMENT BY WITNESS

I, Sharlesh Kaul, whose full Post Office address is

11, Castleton Street, Nefean ON - K2GSM8

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 25 Feb 2004

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IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: 7eb 25, 2004

SING JANUS AU 108 Grange Street Ollawa, Onlario K1Y 0N9

STATEMENT BY WITNESS

I, Shailish Kaul, whose full Post Office address is

11 Castleton Street, Nefean, ON-K2G5M8

(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 25 Feb 2004

RECORDED: 02/27/2004

(Signature of Witness)

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