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Atty Ref/Docket No.: NC57489US / 0039-006US1

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yi Wu, Yan Q. Le and Dong M. Zhang

Additional name(s) of conveying party(ies) attached?

Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: February 18, 2008, February 18, 2008, February 18, 2008

2. Name and address of receiving party(ies):

Name: Nokia Corporation

Street Address: Keilalahdentie 4

Espoo Finland

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 12/046,408, filed March 11, 2008

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Shane A. Kennedy

Address:

c/o Intellevate
P.O. Box 52050
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

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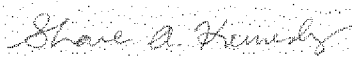
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Shane A. Kennedy / Reg No. 54,760



March 19, 2008

Name of Person Signing

Signature

Date

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PATENT

REEL: 020676 FRAME: 0560

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OP \$40.00 12046408

ASSIGNMENT

WHEREAS, We, Yi Wu, residing at Room 2-602, Building 6, Jin-Bang-Yuan, Hai-Dian Xi-San-Qi District, Beijing, 100013, China, and Yan Q. Le, residing at Room 1201, House 7, West 3 Section, Tian Tong Yuan, Beijing, 102218, China, and Dong M. Zhang, residing at 3-3-602 Wang He Yuan, Shu Guang Hua Yuan, Haiden District, Beijing, 100089, China, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States entitled A DIFFERENTIATION METHOD FOR BANDWIDTH REQUEST CONTENTION;

AND WHEREAS, Nokia Corporation, a corporation organized and existing under and by virtue of the laws of the State of Finland, and having an office and place of business at Keilalahdentie 4, FIN-02150, Espoo, Finland (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of February, 2008.

Yi Wu

Yi Wu

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of February, 2008.

Yan Qun Le

Yan Qun Le

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of February, 2008.

Dong Mei Zhang

Dong Mei Zhang

BRAKE HUGHES BELLERMANN LLP
C/O PORTFOLIOIP

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Date: March 19, 2008

TO: Commissioner for Patents
Attn: Assignment Recordation Services
Patent Examining Corps
Facsimile Center
P.O. Box 1450
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FROM: Shane Kennedy

OUR REF: NC57489US / 0039-006US1

FAX NUMBER 571-273-0140

Document(s) Transmitted: **Please find an Assignment of the invention to Nokia Corporation (2 pgs.),
Recordation Form Cover Sheet (1 pg.) and Credit Card authorization to charge the credit card in the
amount of \$40.00 to cover Recordation Fee.**

Total pages of this transmission, including cover letter: 5 pgs.

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In re. Patent Application of: Yi Wu et al.

Examiner:

Serial No.: 12/046,408

Group Art Unit:

Filed: March 11, 2008

Docket No.: NC57489US / 0039-006US1

Title: DIFFERENTIATION FOR BANDWIDTH REQUEST CONTENTION