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RECC

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U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 944-001.029

102344155

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

1. Name of conveying party(ies):

Mauri HONKANEN
Antti LAPPETELAINEN
Arto PALIN

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

☐ Yes ☒ No

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

Nokia Mobile Phones Ltd.
Keilalahdentie 4
FIN-02150
Espoo, Finland

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherExecution Date: Aug. 17 & 23, 2000

Additional name(s) and 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)

S/N 09/610,758 filed July 6, 2000

Additional numbers attached? ☐ Yes ☒ No

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

Kenneth Q. Lao
Ware Fressola, Van Der Sluys & Adolphson LLP
Bradford Green, Building 5
755 Main Street
P.O. Box 224
Monroe, CT 06468-02246. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00 *fee OK*☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

23-0442

(Attach duplicate copy of this page if paying by deposit account.)

Statement and signature:

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

Kenneth Q. Lao

Name of Person Signing

Ken Lao
Signature8-22-00

Date

Total number of pages including cover sheet, attachments, and document: 6Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013388 FRAME: 0768

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ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, we, MAURI HONKANEN, ANTTI LAPPETELAINEN and ARTO PALIN, citizens of Finland and residing at Rautatienkatu 4 B 19 33100 Tampere, Finland; Lukupuronrinne 1 M 13 02200 Espoo, Finland; and Myllykoluntie 5 B 9 , 37560 Lempäälä, Finland respectively, hereby sell, assign and transfer to NOKIA MOBILE PHONES LTD., a corporation duly organized and existing under the laws of Finland, and having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in ADAPTIVE TRANSMISSION CHANNEL ALLOCATION METHOD AND SYSTEM FOR ISM AND UNLICENSED FREQUENCY BANDS, which is described in an application for Letters Patent of the United States, Serial No. 09/610,758, filed July 6, 2000; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International

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Convention for the Protection of Industrial Property, as amended, or by convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

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Signed at Tampere this 17
day of August, 2000.

Mauri Honkanen
Mauri HONKANEN

Signed in our presence by Mauri Honkanen and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness [Signature] Date 17 Aug 2000

Witness Linda Jakobson-Lila Date 17.8.2000

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Signed at Tampere this 23
day of August, 2000.

Antti Lappeteläinen
Antti LAPPETELAINEN

Signed in our presence by Antti Lappetelainen and acknowledged
to be an assignment of the application (invention) herein
above referred to.

Witness José Puente Date August 23 2000

Witness Jaime Peña Date August 23 2000

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Signed at Tampere this 17
day of August, 2000.

Arto PALIN

Signed in our presence by Arto Palin and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness Kari Huurto Date 17.8.2000

Witness Juho Date 17.8.2000