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To the Honorable Commissioner of Patents and Trademarks

102216255

original documents or copy thereof.

1. Name of conveying party(ies)

Raymond KWAN
Eeva POUTIAINEN
Seppo HÄMÄLÄINEN
Esa MALKAMÄKIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo
Finland

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: Aug. 7, Aug. 9 & Aug. 13, 2002

944-003.095-2

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)

10/184,022, filed June 25, 2002

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Francis J. Maguire
WARE, FRESSOLA, VAN DER SLUYS
& ADOLPHSON LLP
755 Main Street, PO Box 224
Monroe CT 064686. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☒ 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)

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9. 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 of the original document.

Francis J. Maguire
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013260 FRAME: 0971

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, RAYMOND KWAN, a citizen of Canada, **EEVA POUTIAINEN, SEPPÖ HÄMÄLÄINEN and ESA MALKAMÄKI**, citizens of Finland, and residing at Harustie 3 C 37, 00980 Helsinki, Finland; Tempelikuatu 19 D 41, 00100 Helsinki, Finland; Punatulkuntie 6-8A3, 02670 Espoo, Finland; and Riippakoivuntie 17 B, FIN-02130 Espoo, Finland, respectively, hereby sell, assign and transfer to **NOKIA CORPORATION**, 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 a **OPTIMIZATION OF MCS AND MULTI-CODE WITH TFCI SIGNALING**, which is described in an application for Letters Patent of the United States, Serial No. 10/184,022 filed June 25, 2002; 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.

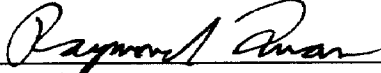
We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty 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

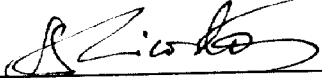
be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty 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.

Signed at Säteriportti/AI
Espoo, Finland this 7th day of
August, in the year 2002.


Raymond Kwan

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

Witness  Date 07.08.2002
Cicortas Alexandru

Witness  Date 07.08.2002
ALESSANDRO PROVANA

Signed at Helsinki this 7 day of
August, in the year 2002.

Eeva Poutia
Eeva Poutiainen

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

Witness Jere Heitto Date 7.8.2002

Witness Pia Kuitmanen Date 7.8.2002

Signed at _____ this _____ day of
_____, in the year _____.

Seppo Hämäläinen

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

Witness _____ Date _____

Witness _____ Date _____

Signed at _____ this _____ day of
_____, in the year _____

Eeva Poutiainen

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

Witness _____ Date _____

Witness _____ Date _____

Signed at BEIJING this 5 day of
AUGUST, in the year 2002

S. J. Seppo
Seppo Hämäläinen

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

Witness Juha Lehto Juha Lehto Date August 9 2002

Witness P. G. [Signature] Date 08/09/2002

Signed at Helsinki, Finland this 13 day of
August, in the year 2002.

Esa Malkamäki
Esa Malkamäki

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

Witness Kari Gustafsson Date 13 Aug. 2002

Witness E. L. Rönkä Date 13 Aug. 2002