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3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: December 2, 2003						
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): 10/617,454 B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Mark F. Harrington Address: Harrington & Smith, LLP 4 Research Drive City: Shelton State: CT ZIP Code: 06484-6212		6. Total number of applications and/or patents involved: 1 7. Total fee (37 CFR 3.41):\$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account				
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9. Statement And Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and, the attached document is either an original document or a true copy of the original document.</i> <table border="0" style="width: 100%;"> <tr> <td style="width: 30%;"><u>Mark F. Harrington</u> Name of Person Signing</td> <td style="width: 40%; text-align: center;"> Signature</td> <td style="width: 30%; text-align: right;">1/5/04 Date</td> </tr> </table> <p style="text-align: right;">Total number of pages including cover sheet(s): 5 Page 1 of 1.</p>				<u>Mark F. Harrington</u> Name of Person Signing	 Signature	1/5/04 Date
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For U.S. and/or Foreign Rights
For U.S. Application or U.S. Patent
For PCT Application
By Single or Multiple Inventors

ASSIGNMENT OF INVENTION

Nokia Corporation Docket No. NC 17420
Harrington & Smith, LLP Docket No.: 878.0034.U1(US)
in accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME Haverinen	FIRST NAME Anssi	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY San Diego, USA	CITIZENSHIP Finland	

POST OFFICE ADDRESS: **7861 Avenida Navidad 237, San Diego, CA 92122, USA**

(2) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME Karppinen	FIRST NAME Pekka	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Helsinki, Finland	CITIZENSHIP Finland	

POST OFFICE ADDRESS: **Kylätie 12 A1, Helsinki 00320, Finland**

(3) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME Latva-aho	FIRST NAME Antti	MIDDLE NAME
RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Kangasala, Finland	CITIZENSHIP Finland	

POST OFFICE ADDRESS: **Teknikontie 6, FIN-36100 Kangasala as, Finland**

(4) ASSIGNOR (inventor):

FULL NAME OF INVENTOR:	LAST NAME Webb	FIRST NAME Neil	MIDDLE NAME
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RESIDENCE & CITIZENSHIP:	CITY & STATE OR COUNTRY Farnham, UK	CITIZENSHIP UK
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POST OFFICE ADDRESS: **1 Montgomery Farm Cottage, Farnham, Surrey, GU10 5HH, UK**

ASSIGNEE:

**Nokia Corporation
Keilalahdentie 4
FIN- 02150 Espoo
Finland**

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest

for the United States and its territorial possessions

and in all foreign countries, including all rights to claim priority
in and to any and all improvements which are disclosed in the invention entitled:

DEVICE IDENTIFICATION

that is found in

the patent application executed on the same date herewith,

U.S. patent application number 10/617,454 filed July 10, 2003

and any legal equivalent thereof in a foreign country,
including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

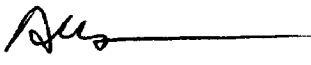
ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I (We) have hereunto set hand and seal this

Dec-2-2003 (Date(s) of Signing by Assignors).

(1) **Anssi Haverinen** 
Assignor Name Signature

Witnessed by Antti Suhonen

Signature of Witness 

Dec-2-2003
Date

(2) **Pekka Karppinen** _____
Assignor Name Signature

Witnessed by _____

Signature of Witness _____

Date

(3) **Antti Latva-aho** _____
Assignor Name Signature

Witnessed by _____

Signature of Witness _____

Date

(4) Neil Webb
Assignor Name

Signature

Witnessed by

Signature of Witness

Date