

02-17-2004



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U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 944-005.022

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

<p>1. Name of conveying party(ies): Juha Ellä, Nigel Martin, Janne Kyläkoski</p> <p><u>2.9.04</u></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Nokia Corporation Keilalahdentie 4 FIN-02150 Espoo, Finland</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>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 _____</p> <p>Execution Date: <u>Nov. 17, 2004</u></p>	

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)
<u>S/N 10/688,275 filed October 17, 2003</u>	

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Kenneth Q. Lao Ware Fressola, Van Der Sluys & Adolphson LLP Bradford Green, Building 5 755 Main Street P.O. Box 224 Monroe, CT 06468-0224</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>23-0442</u> (Attach duplicate copy of this page if paying by deposit account.)</p>
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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

Kenneth Q. Lao
Signature

Feb. 5, 2004
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Commissioner of Patents,
P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT
REEL: 014970 FRAME: 0245

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, JUHA ELLÄ, NIGEL MARTIN and JANNE KYLÄKOSKI, citizens of Finland, United Kingdom, and Finland, respectively, and residing at Kääriäisentie 5, 24800 Halikko, FINLAND, Haapatie 17, 24260 Salo, FINLAND, and Koskelantie 4b4, 21540 Paimio, 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 **FRONT-END ARRANGEMENTS FOR MULTIBAND MULTIMODE COMMUNICATION ENGINES**, which is described in an application for Letters Patent of the United States, Serial No. 10/688,275 filed October 17, 2003; 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.

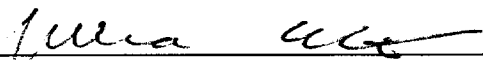
We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention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

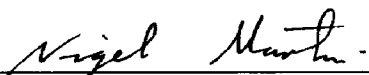
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may

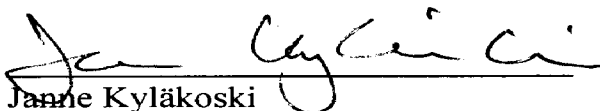
be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which 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 Salo, Finland this 17th day of November, in the year 2003.

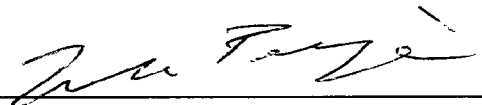

Juhani Ellä


Nigel Martin


Janne Kyläkoski

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

Witness  Date 17TH OF NOVEMBER

Witness  Date 17TH OF NOVEMBER