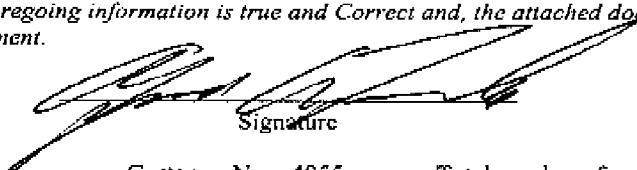


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1. Name of conveying party(ies): 1) Timo HAKASALO 2) 2) Risto PAATELMA Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: Nokia Corporation Address: Keilalahdentie 4 City: Espoo State: ZIP Code: 02150 Country: FINLAND Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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: Both signed on October 16, 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): USSN: 10/661,376 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: Alfred A. Fressola Address: Ware, Fressola, Van Der Sluys & Adolphson LLP Bradford Green, Bldg. Five 755 Main St., P.O. Box 224 City: Monroe State: CT ZIP Code: 06468		6. Total number of applications and/or patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account 8. Deposit account number: <u>23-0442</u>	
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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> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <u>Alfred A. Fressola</u> Name of Person Signing </div> <div style="text-align: center;">  Signature </div> <div> <u>June 28, 2004</u> Date </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>Customer No.: 4955</div> <div>Total number of pages including cover sheet(s): 3</div> </div>			

CH \$40.00 230442 10661376

Application Serial No. 10/661,376
Attorney Docket No. 915-007.039

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, **Timo HAKASALO**, a citizen of Finland residing at Sairaalanrinne 4 H B 19, FI-90220 Oulu, Finland; and **Risto PAATELMA**, a citizen of Finland residing at R ih antie 7, FI-90540 Oulu, Finland, hereby sell, assign and transfer to **NOKIA CORPORATION**, an organization 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 *Code Phase Synchronization*, which is described in an application for Letters Patent of the United States filed on **September 12, 2003**, now bearing serial number **10/661,376**, which application claims priority to European Patent Application No. 02020378.2 filed on September 12, 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 in all countries 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 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; 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

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Attorney Docket No. 915-007.039


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 Oulu / Finland this 16
(city/state/country) (day)
day of 10, 2003.
(month)

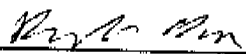

Timo HAKASALO

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


Witness  Date 16.10.03
PAAVO NIEMITALO


Witness  Date 16.10.2003
TOMI HAKASALO

Signed at Oulu / Finland this 16
(city/state/country) (day)
day of 10, 2003.
(month)


Risto PAATELMA

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

Witness  Date 16.10.2003
JUHAN NIEMI

Witness  Date 16.10.2003
JUSSI KAMINEN