

12-08-2006

944-008-027-1



REI



EET

103346388

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 Please record the attached document

1. Name of conveying party(ies): Olav TIRKKONEN and Ülo PARTS 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: FIN-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: November 24, 2006 and October 20, 2006		4. Application number(s) or patent number(s): 11/543,462 filed October 4, 2006 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): _____ 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: Anatoly Frenkel 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 checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge deposit account <input type="checkbox"/> Please charge any fee deficiency to deposit account 8. Deposit account number: 23-0442	
DO NOT USE THIS SPACE			
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>Anatoly Frenkel</u> Name of Person Signing </div> <div style="text-align: center;"> Signature </div> <div> <u>November 29, 2006</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>			

Page 1 of 1.

 12/05/2006 EMAIL 06000001 11543462
 07 FC:0021

40.00 DP

 PATENT
 REEL: 018641 FRAME: 0609

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Olav TIRKKONEN and Ülo PARTS citizens of Finland, and residing at **Myrntitie 17 C, 00720 Helsinki, FINLAND, and Alankotie 13 B 3, 00730 Helsinki, 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 **DOWNLINK SYNCHRONIZATION CHANNELS TRANSPARENT TO SHARED CHANNEL USERS**, which is described in an application for Letters Patent of the United States, Serial Number 11/543,462, filed 4 October 2006; and all the rights and privileges under any and all Letters Patent that may be granted therefor, which claims priority from US Provisional Application number 60/724,023 filed October 5, 2005.

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 Hebriak this 24th day of November, in the year 2006.



Olav Tirkkonen