

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ludwig SCHWOERER</td> <td>02/06/2007</td> </tr> <tr> <td>Andre KAUFMANN</td> <td>02/06/2007</td> </tr> </tbody> </table>		Name	Execution Date	Ludwig SCHWOERER	02/06/2007	Andre KAUFMANN	02/06/2007				
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Ludwig SCHWOERER	02/06/2007										
Andre KAUFMANN	02/06/2007										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Nokia Corporation</td> </tr> <tr> <td>Street Address:</td> <td>Keilalahdentie 4</td> </tr> <tr> <td>City:</td> <td>Espoo</td> </tr> <tr> <td>State/Country:</td> <td>FINLAND</td> </tr> <tr> <td>Postal Code:</td> <td>FIN-02150</td> </tr> </table>		Name:	Nokia Corporation	Street Address:	Keilalahdentie 4	City:	Espoo	State/Country:	FINLAND	Postal Code:	FIN-02150
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PROPERTY NUMBERS Total: 1											
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Application Number:	11630537										
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Total Attachments: 2 source=060539_00013_Assignment#page1.tif source=060539_00013_Assignment#page2.tif											

OP \$40.00 11630537

PATENT

Attorney Docket No. 915-001.101
Application Serial No. 11/630,537

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, **Ludwig SCHWOERER**, a citizen of Germany residing at Buchenweg 21a, D-45525, Hattingen, Germany and **Andre KAUFMANN**, a citizen of Germany residing at Weitmarer Strasse 13, D-44795, Bochum, Germany, 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 *FFT Carrier Frequency Offset Estimation for OFDM Signal*, which is described in PCT International Patent Application No. PCT/FI04/000390 filed on June 28, 2004 which was transmitted to the United States Patent and Trademark Office by the International Bureau, for which commencement of the national stage in the U.S.A. is sought under an application for Letters Patent of the United States now bearing serial number 11/630,537, in furtherance of which a Declaration in accordance with 35 U.S.C. 371 is executed by us on even date herewith; 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.

PATENT

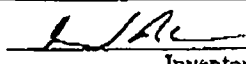
REEL: 028175 FRAME: 0313


The undersigned hereby authorizes the U.S. firm of Ware, Fressola, Van Der Sluys & Adolphson LLP to accept and follow instructions from the Finnish firm of Berggren Oy Ab as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. firm and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. firm will be so notified by the undersigned or his successors and assigns.

I hereby appoint and authorize the attorney(s) and/or agent(s) assigned to customer number 4955, as may from time to time be amended, belonging to the firm of Ware, Fressola, Van Der Sluys & Adolphson LLP, to represent me in prosecuting this application and in transacting all business in the Patent and Trademark Office connected therewith.

Address all telephone calls to: Ware, Fressola, Van Der Sluys & Adolphson LLP at (203) 261-1234.
Address all correspondence to customer number: 4955.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Ludwig SCHWOERER	
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	06.02.2007
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Andre KAUFMANN	
Full name of second inventor (given name, middle initial, FAMILY NAME(S) IN UPPER CASE)	
	06. Feb. 2007
Inventor's Signature	Date
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Full name of third inventor (given name, middle initial, FAMILY NAME(S) IN UPPER CASE)	
_____ Inventor's Signature	_____ Date
_____ Residence	_____ Citizenship
Post Office Address:	

Full name of third inventor (given name, middle initial, FAMILY NAME(S) IN UPPER CASE)	
_____ Inventor's Signature	_____ Date
_____ Residence	_____ Citizenship
Post Office Address:	

☐ Additional inventors are being named on separately numbered sheets attached hereto.