PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Markku Anttoni Oksanen	06/16/2009
Eira Seppala	06/16/2009
Vladmir Ermolov	06/16/2009
Pirjo Pasanen	06/16/2009

RECEIVING PARTY DATA

Name:	Nokia Corporation
Street Address:	Keilalahdentie 4
City:	Espoo
State/Country:	FINLAND
Postal Code:	FIN-02150

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12484036

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 059341-0490

NAME OF SUBMITTER: G. Peter Albert, Jr.

Total Attachments: 4

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PATENT REEL: 023203 FRAME: 0703 JP \$40.00 12484036

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PATENT REEL: 023203 FRAME: 0704

Atty. Dkt. No. 059341-0490

FORM PTO-1595 (modified)	U.S. DEPARTMEN	T OF COMMERCE
(Rev 6-93) RECORDATION FO	RM COVER SHEET	ent and Trademark Office
PATENT	S ONLY	
To the Director of the United States Patent and Trademark Office:	Please record the attached original documents or co	opies thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Markku Anttoni Oksanen		
Eira Seppälä		
Vladmir Ermolov	Nokia Corporation	
Pirjo Pasanen	Keilalahdentie 4	
	Espoo	
	FIN-02150	
	Finland	
Additional conveying party(ies)		
3. Nature of conveyance:		
ASSIGNMENT		
Execution Date:	Additional managers (-) 0 additional action (-) attacks along the	NO
16 June 2009 4. Application number(s) or patent number(s):	Additional name(s) & address(es) attached?	NO
,, ,		
If this is being filed together with a new application, the exec	cution date of the application is: 	
A. Patent Application Number(s):	B. Patent Number(s):	
12/484,036		
Additional numbe	rs attached? NO	
5. Name and address of party to whom correspondence	6. Total number of applications/patents involv	ed: 1
concerning document should be mailed:		
	7. Total fee (37 C.F.R. § 3.41): \$4	10.00
G. Peter Albert Jr.	Check Enclosed	
FOLEY & LARDNER LLP	X Authorized to be charged to credit card	
P.O. Box 80278	Authorized to be charged to deposit acco	ount
San Diego, California 92138-0278	8. Payment Information	
	a. Credit Card Last 4 Numbers 7259 Expiration Date 11/30/	2011
	b. Deposit account number 19-074	
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Statement and signature: To the best of my knowledge and belief, the foregoing	information is true and correct and any attached	d copy is a true
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		ember 2009
Name of person signing	Signature	Date
Total number of sec	on including cover shoot attachments, and does	umont: 4
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PATENT REEL: 023203 FRAME: 0705

Atty. Dkt. No. 059341-0490

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Nokia Corporation Keilalahdentie 4 Espoo FIN-02150 Finland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

APPARATUS AND ASSOCIATED METHODS IN RELATION TO CARBON NANOTUBE NETWORKS

Check	executed concurrently herewith
one	executed on
	Serial No. 12/484 036 Filed 6/12/2009

as set forth in this United States Patent Application

and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by

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ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAME AND SIGNATURE OF INVENTOR

NAME: MARKKU ANTTONI OKANEN SIGNATURE:

NAME AND SIGNATURE OF WITNESSES

NAME: Jan. Jantunen SIGNATURE:

DATE: JUNE 16 2007

NAME AND SIGNATURE OF INVENTOR

NAME: EIRA SEPPÄLÄ

SIGNATURE:

DATE: JUNE 16, 2009

NAME AND SIGNATURE OF WITNESSES

NAME: MARTII VOVI I VALLE SIGNATURE: JA JAN

Atty. Dkt. No. 059341-0490

NAME AND SIGNATURE OF INVENTOR

NAME: VLADMIR ERMOLOV

SIGNATURE: Epusis DATE: June 16, 2009

NAME AND SIGNATURE OF WITNESSES

NAME: Joni Jantunen

SIGNATURE:

NAME: MARTI VOUTIMINGN

SIGNATURE: i

NAME AND SIGNATURE OF INVENTOR

NAME: PIRJO PASANEN SIGNATURE:

NAME AND SIGNATURE OF WITNESSES

RECORDED: 09/08/2009

SIGNATURE: 🔏

NAME: MARITI V OUTILAINEN SIGNATURE:

Note: Prima facie evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.