

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Andrew Piers</td> <td>02/22/2010</td> </tr> <tr> <td>Jani Kivioja</td> <td>02/22/2010</td> </tr> <tr> <td>Hongwei Li</td> <td>02/26/2010</td> </tr> <tr> <td>Marc Bailey</td> <td>02/23/2010</td> </tr> <tr> <td>Richard White</td> <td>02/22/2010</td> </tr> </tbody> </table>		Name	Execution Date	Andrew Piers	02/22/2010	Jani Kivioja	02/22/2010	Hongwei Li	02/26/2010	Marc Bailey	02/23/2010	Richard White	02/22/2010
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<b>RECEIVING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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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<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12698958</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12698958								
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Application Number:	12698958												
<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (858)792-6773</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: tjones@foley.com</p> <p>Correspondent Name: Todd Jones</p> <p>Address Line 1: 11250 El Camino Relo Ste. 200</p> <p>Address Line 4: San Diego, CALIFORNIA 92130</p>													
ATTORNEY DOCKET NUMBER:	059341-0520												
NAME OF SUBMITTER:	G. Peter Albert, Jr.												
<p>Total Attachments: 4</p> <p>source=Assignment_22APR2010#page1.tif</p>													

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**PATENT**  
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FORM PTO-1595 (modified) (Rev 6-93)	U.S. DEPARTMENT OF COMMERCE <b>RECORDATION FORM COVER SHEET</b> <b>PATENTS ONLY</b> Patent and Trademark Office												
To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.													
1. Name of conveying party(ies):  <b>Piers Andrew Jani Kivioja Hongwei Li Marc Bailey Richard White</b>  Additional conveying party(ies) <b>NO</b>	2. Name and address of receiving party(ies):  <b>Nokia Corporation Keilalahdentie 4 Espoo FIN-02150 Finland</b>  Additional name(s) & address(es) attached? <b>NO</b>												
3. Nature of conveyance: <b>ASSIGNMENT</b> Execution Date: <b>2/22/10, 2/22/10, 2/26/10, 2/23/10, 2/22/10 Respectively</b>	Additional name(s) & address(es) attached? <b>NO</b>												
4. Application number(s) or patent number(s):  If this is being filed together with a new application, the execution date of the application is:  <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;">           A. Patent Application Number(s):   <b>12/698,958</b> </td> <td style="width: 50%; border: none; vertical-align: top;">           B. Patent Number(s):     </td> </tr> </table> Additional numbers attached? <b>NO</b>		A. Patent Application Number(s):  <b>12/698,958</b>	B. Patent Number(s):   										
A. Patent Application Number(s):  <b>12/698,958</b>	B. Patent Number(s):   												
5. Name and address of party to whom correspondence concerning document should be mailed:  <b>G. Peter Albert Jr. FOLEY &amp; LARDNER LLP P.O. Box 80278 San Diego, California 92138-0278</b>	6. Total number of applications/patents involved: <b>1</b>  7. Total fee (37 C.F.R. § 3.41): <b>\$40.00</b>  <input type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Authorized to be charged to credit card <input type="checkbox"/> Authorized to be charged to deposit account  8. Payment Information <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;">a. Credit Card</td> <td style="width: 30%;">Last 4 Numbers</td> <td style="width: 40%;"><b>7259</b></td> </tr> <tr> <td></td> <td>Expiration Date</td> <td><b>11/30/2011</b></td> </tr> <tr> <td>b. Deposit account number</td> <td></td> <td><b>19-0741</b></td> </tr> <tr> <td colspan="3">Authorized User Name</td> </tr> </table>	a. Credit Card	Last 4 Numbers	<b>7259</b>		Expiration Date	<b>11/30/2011</b>	b. Deposit account number		<b>19-0741</b>	Authorized User Name		
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Authorized User Name													
<b>DO NOT USE THIS SPACE</b>													
9. Statement and signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.</i>													
<b>G. Peter Albert Jr.</b>	<b>/G. Peter Albert Jr./</b>												
Name of person signing	Signature												
Date	April 22, 2010												
Total number of pages including cover sheet, attachments, and document: 4													

## 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

### AN APPARATUS AND ASSOCIATED METHODS

as set forth in this United States Patent Application

*Check*  
*one*

<input type="checkbox"/>	executed concurrently herewith
<input type="checkbox"/>	executed on _____
<input checked="" type="checkbox"/>	Serial No. 12/698,958 Filed <u>2/2/2010</u>

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

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: PIERS ANDREW      SIGNATURE: P. Andrew      DATE: 22/2/10

**NAME AND SIGNATURE OF WITNESSES**

NAME: PAUL BEECHER      SIGNATURE: Paul Beecher      DATE: 22/02/2010

NAME: SAMUEL HAGUE      SIGNATURE: S. Samuel Hague      DATE: 22/02/2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: JANI KIVIOJA      SIGNATURE: Jani Kivioja      DATE: 22/2/2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: ELISABETTA SPIGONE      SIGNATURE: Elisabetta Spigone      DATE: 22/02/2010

NAME: GEORGIOS LEUTARIS      SIGNATURE: Georgios Leutaris      DATE: 22/02/2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: HONGWEI LI SIGNATURE: [Signature] DATE: 26/02/2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: GEORGIOS LENTARIS SIGNATURE: [Signature] DATE: 26/02/2010

NAME: ALAN COLLI SIGNATURE: [Signature] DATE: 26/02/2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: MARC BAILEY SIGNATURE: [Signature] DATE: 23/2/2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: PAUL BEECHER SIGNATURE: [Signature] DATE: 23/02/2010

NAME: EUSABETTA SPIGONE SIGNATURE: [Signature] DATE: 23/02/2010

**NAME AND SIGNATURE OF INVENTOR**

NAME: RICHARD WHITE SIGNATURE: [Signature] DATE: 22/2/2010

**NAME AND SIGNATURE OF WITNESSES**

NAME: PAUL BEECHER SIGNATURE: [Signature] DATE: 22/02/2010

NAME: SAMIUL HAQUE SIGNATURE: [Signature] DATE: 22/02/2010

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.