

## 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>Radu Bilcu</td><td>08/22/2006</td></tr><tr><td>Markku Vehvilainen</td><td>08/24/2006</td></tr></tbody></table>	Name	Execution Date	Radu Bilcu	08/22/2006	Markku Vehvilainen	08/24/2006					
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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 ESPOO</td></tr></table>	Name:	Nokia Corporation	Street Address:	Keilalahdentie 4	City:	Espoo	State/Country:	FINLAND	Postal Code:	FIN-02150 ESPOO	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11464645</td></tr></tbody></table>	Property Type	Number	Application Number:	11464645							
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Application Number:	11464645										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	004770.00977										
NAME OF SUBMITTER:	Charles L. Miller										
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

CH 11464645 \$40.00

PATENT

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REEL: 018236 FRAME: 0542

*Velholehdenkatu 17*  
**ASSIGNMENT**

WHEREAS, we, **Radu Bilcu**, residing at Annalankatu 17 C 12, 33710, Tampere, Finland and **Markku Vehvilainen**, residing at ~~Velholehdenkatu 17~~ ~~Velholehdenkatu 7 H 24~~, 33720, Tampere, Finland (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 004770.00977 and having the title

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which application is executed concurrently herewith by each respective inventor, unless the following box is checked:

☐ was filed on \_\_\_\_\_ as U.S. Application No. or PCT International Application No. \_\_\_\_\_

and WHEREAS

Nokia Corporation  
Keilalahdentie 4  
FIN-02150 ESPOO  
FINLAND

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize

**PATENT**

**REEL: 018236 FRAME: 0543**

and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: 22.08.2006

Inventor:   
Radu Bilcu

Date: 24.08.2006

Inventor:   
Markku Vehvilainen

Note: No legalization or other witness required.

LAW OFFICES  
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