

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>Nadarajah Asokan</td><td>08/10/2005</td></tr><tr><td>Philip Ginzboorg</td><td>08/10/2005</td></tr><tr><td>Seamus Moloney</td><td>08/10/2005</td></tr><tr><td>Kari Ti. Kostianen</td><td>08/10/2005</td></tr><tr><td>Sampo Sovio</td><td>08/10/2005</td></tr><tr><td>Jan-Erik Ekberg</td><td>08/10/2005</td></tr><tr><td>Jari Takala</td><td>08/10/2005</td></tr></tbody></table>	Name	Execution Date	Nadarajah Asokan	08/10/2005	Philip Ginzboorg	08/10/2005	Seamus Moloney	08/10/2005	Kari Ti. Kostianen	08/10/2005	Sampo Sovio	08/10/2005	Jan-Erik Ekberg	08/10/2005	Jari Takala	08/10/2005	
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<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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CORRESPONDENCE DATA																	
Fax Number: (202)824-3001 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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Email: mdavis@bannerwitcoff.com																	
Correspondent Name: Ross A. Dannenberg																	
Address Line 1: 1001 G Street NW, 11th Floor																	
Address Line 4: Washington, DISTRICT OF COLUMBIA 20001-4597																	
ATTORNEY DOCKET NUMBER:	004770.00379																

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PATENT
REEL: 016668 FRAME: 0329

NAME OF SUBMITTER:

Ross A. Dannenberg

Total Attachments: 2

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ASSIGNMENT

WHEREAS, we, Nadarajah Asokan, residing at Ankkurinvarsi 6 K, 02320 Espoo, Finland, Philip Ginzboorg, residing at Yläkaupinkuja 1 B 10, 02360 Espoo, Finland, Seamus Moloney, residing at Uusi Karhintie 151, 11130 Riihimäki, Finland, Kari Ti. Kostainen, residing at Torkkelinkatu 5 A 4, 00500 Helsinki, Finland, Sampo Sovio, residing at Risteyskatu 14, 11120 Riihimäki, Finland, Jan-Erik Ekberg, residing at Voutilantie 18 A, 01740 Vantaa, Finland, and Jari Takala, residing at Uurrekuja 7 A, 01650 Vantaa, Finland (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 004770.00379 and having the title

ADMINISTRATION OF WIRELESS LOCAL AREA NETWORKS

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

[X] was filed on June 29, 2005 as U.S. Application Serial No. 11/169,328 or PCT
International Application Number _____

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).


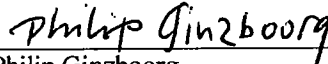
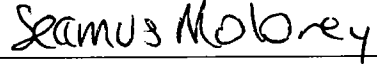

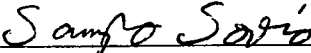

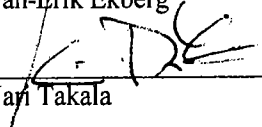
And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

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 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: <u>10/8/2005</u>	Inventor: <u></u>	<u>Nadarajah Asokan</u>
Date: <u>10/8/2005</u>	Inventor: <u></u>	<u>Philip Ginzboorg</u>
Date: <u>10/8/2005</u>	Inventor: <u></u>	<u>Seamus Moloney</u>
Date: <u>10/8/2005</u>	Inventor: <u></u>	<u>Kari Ti. Kostainen</u>
Date: <u>10/8/2005</u>	Inventor: <u></u>	<u>Sampo Savio</u>
Date: <u>10.8.2005</u>	Inventor: <u></u>	<u>Jan-Erik Ekberg</u>
Date: <u>10.8.2005</u>	Inventor: <u></u>	<u>Jari Takala</u>

Note: No legalization or other witness required.

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