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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Juhani Huttunen	08/18/2005
Topi Pohjolainen	08/01/2005
Martin Jansky	08/01/2005
Jani Poikela	08/01/2005
Toni Paila	08/01/2005

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11208097

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ATTORNEY DOCKET NUMBER:	004770.00356
NAME OF SUBMITTER:	Charles L. Miller

PATENT REEL: 016701 FRAME: 0223

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Т \$40,00

Total Attachments: 2

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PATENT REEL: 016701 FRAME: 0224

ASSIGNMENT

WHEREAS, we, Juhani Huttunen, residing at Hovitie 18 E, 02940 Espeo, Finland, Topi
Pohjolainen, residing at Punavuorenkatu 4D 22, 00120 Helsinki Finland, Martin Jansky residing at Hovitie 18 E, 02940 Helsinki Finland, and Toni Paila residing at Luoteisopolku 10, 10160 Degerby Finland (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 004770.00356 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 Serial No. or PCT International Application Π 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;

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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.

Inventor:

Date: 1.8, 2009 Inventor: Policia

ani Poikela

Date: 1 Any 2005 Inventor: G

Note: No legalization or other witness required.

Date: 18 Aug 2005

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