

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>Carl Snellman</td> <td>08/26/2011</td> </tr> <tr> <td>Peter L. Mikelsons</td> <td>08/24/2011</td> </tr> <tr> <td>Ville Karaila</td> <td>08/26/2011</td> </tr> <tr> <td>Amol Khadilkar</td> <td>08/25/2011</td> </tr> <tr> <td>Cynthia Y. Kuo</td> <td>08/25/2011</td> </tr> <tr> <td>Kenneth L. Tracton</td> <td>08/26/2011</td> </tr> </tbody> </table>		Name	Execution Date	Carl Snellman	08/26/2011	Peter L. Mikelsons	08/24/2011	Ville Karaila	08/26/2011	Amol Khadilkar	08/25/2011	Cynthia Y. Kuo	08/25/2011	Kenneth L. Tracton	08/26/2011
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RECEIVING PARTY DATA															
Name:	Nokia Corporation														
Street Address:	Keilalahdentie 4														
City:	Espoo														
State/Country:	FINLAND														
Postal Code:	FIN-02150														
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>13218704</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13218704										
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Application Number:	13218704														
CORRESPONDENCE DATA															
Fax Number:	(704)444-1111														
Email:	patent-mail@alston.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Albert J. Minn														
Address Line 1:	4721 Emperor Boulevard														
Address Line 2:	Suite 400														
Address Line 4:	Durham, NORTH CAROLINA 27703-8580														
ATTORNEY DOCKET NUMBER:	042933/408646 AM2														

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PATENT
REEL: 027154 FRAME: 0700

NAME OF SUBMITTER:

Albert J. Minn

Total Attachments: 7

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

**Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo
FINLAND**

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

"METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR DISPLAYING ITEMS ON MULTIPLE FLOORS IN MULTI-LEVEL MAPS"

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- Application No. 13/218,704; filed August 26, 2011
- Application claims priority from Application No. , filed , all applications listed above being hereinafter referred to as the "application(s)";

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

8/26/2011
Date

Carl Snellman
Carl Snellman

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

24 Aug 2011
Date

Peter Mikelsons
Peter L. Mikelsons

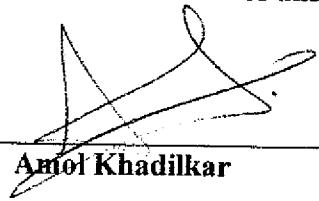
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8/26/11
Date


Ville Karaila

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08/25/11
Date


Anil Khadilkar

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

09/25/11
Date


Cynthia Y. Kuo

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

August 26, 2011
Date


Kenneth L. Tracton

Attorney Docket No. 042933/4086463

Client Ref. NC76341US