

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Steffen Bickel</td><td>11/23/2009</td></tr><tr><td>Hannes Kruppa</td><td>11/23/2009</td></tr><tr><td>Peter Siemen</td><td>11/23/2009</td></tr><tr><td>Mark Waldaukat</td><td>11/23/2009</td></tr></tbody></table>	Name	Execution Date	Steffen Bickel	11/23/2009	Hannes Kruppa	11/23/2009	Peter Siemen	11/23/2009	Mark Waldaukat	11/23/2009	
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Steffen Bickel	11/23/2009										
Hannes Kruppa	11/23/2009										
Peter Siemen	11/23/2009										
Mark Waldaukat	11/23/2009										
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>12617487</td></tr></tbody></table>	Property Type	Number	Application Number:	12617487							
Property Type	Number										
Application Number:	12617487										
CORRESPONDENCE DATA											
Fax Number:	(703)519-9958										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	ecarner@dcpatent.com										
Correspondent Name:	Ditthavong Mori & Steiner, P.C.										
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ATTORNEY DOCKET NUMBER:	P3383US00										
NAME OF SUBMITTER:	Phouphanomketh Ditthavong										
Total Attachments: 2 source=NC70448US_P3383US00_Assignment#page1.tif source=NC70448US_P3383US00_Assignment#page2.tif											

OP \$40.00 12617487

PATENT

501183487

REEL: 024422 FRAME: 0657

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Steffen Bickel, Hannes Kruppa, Peter Siemen, Mark Waldaukat, hereby sell, assign, and transfer to Nokia Corporation, a corporation of Espoo, Finland, having a principal place of business at Keilalahdentie 4, Espoo, FIN-02150, Finland ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent, entitled:

METHOD AND APPARATUS FOR THE RETRIEVAL OF SIMILAR PLACES

- ☐ which has been executed by the undersigned concurrently herewith,
☒ which was filed on November 12, 2009 and assigned Serial No. 12/617,487

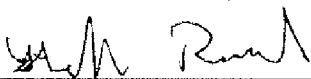
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all assignments and powers of attorney; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

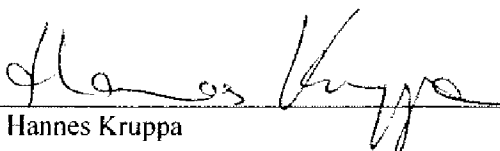
covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

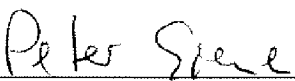
23/11, 2005
Date


Name: Steffen Bickel

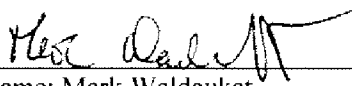
23/11, 2005
Date


Name: Hannes Kruppa

11/23, 2009
Date


Name: Peter Siemen

11/23, 2009
Date


Name: Mark Waldaukat