

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>Debmalya BISWAS</td> <td>02/06/2013</td> </tr> <tr> <td>Nikolai NEFEDOV</td> <td>02/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Debmalya BISWAS	02/06/2013	Nikolai NEFEDOV	02/11/2013
Name	Execution Date						
Debmalya BISWAS	02/06/2013						
Nikolai NEFEDOV	02/11/2013						
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>13652820</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13652820		
Property Type	Number						
Application Number:	13652820						
CORRESPONDENCE DATA							
Fax Number:	7035199958						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	703-519-9951						
Email:	docket@dcpatent.com						
Correspondent Name:	Ditthavong Mori & Steiner, P.C.						
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Address Line 2:	Suite 322						
Address Line 4:	Alexandria, VIRGINIA 22314						
ATTORNEY DOCKET NUMBER:	P6659US00						
NAME OF SUBMITTER:	Phouphanomketh Ditthavong						
This document serves as an Oath/Declaration (37 CFR 1.63).							
<p>Total Attachments: 4</p> <p>source=NC79224US_P6659US00_Declaration_Assignment_filed02-26-13#page1.tif</p> <p>source=NC79224US_P6659US00_Declaration_Assignment_filed02-26-13#page2.tif</p> <p>source=NC79224US_P6659US00_Declaration_Assignment2_filed02-26-13#page1.tif</p> <p>source=NC79224US_P6659US00_Declaration_Assignment2_filed02-26-13#page2.tif</p>							

OP \$40.00 13652820

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Attorney Docket No.: P6659US00

Patent

COMBINED DECLARATION AND ASSIGNMENT
FOR PATENT APPLICATION

Title of Invention: METHOD AND APPARATUS FOR PROVIDING LOCATION
TRAJECTORY COMPRESSION BASED ON MAP STRUCTURE

As the below named inventor, I hereby declare that this declaration is directed to:

- The attached application, or
 United States application or PCT international application filed on October 16,
2012 and assigned Serial No. 13/652,820

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention
in the application.

I hereby state that I have reviewed and understand the contents of the above-identified
specification, including the claim(s), as amended by any amendment made on ____ (if applicable).

I acknowledge the duty to disclose all information known to me to be material to patentability as
defined in Title 37, Code of Federal Regulations, Section 1.56.

In consideration of good and valuable consideration, the receipt of which is hereby
acknowledged, I the undersigned hereby sell, assign, and transfer to Nokia Corporation, a
corporation of Keilalahdentie 4, Espoo, FIN-02150, Finland, having a principal place of business
at 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 above-identified application for the United States patent,
which:

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,

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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.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Full Name of First Inventor (Given name, FAMILY NAME):

Debmalya BISWAS

Inventor's Signature

Debmalya Biswas

Date

06 Feb 2013

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Use an additional form for each inventor.

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have been or shall be issued in the United States and all foreign countries on said improvements;
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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.

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Full Name of Second Inventor (Given name, FAMILY NAME):

Nikolai NEFEDOV

Inventor's Signature



Date

11.02.2013

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form.

Use an additional form for each inventor.