

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>Xiangguang CHE</td> <td>08/04/2009</td> </tr> <tr> <td>Peng CHEN</td> <td>06/26/2009</td> </tr> <tr> <td>Frank FREDERIKSEN</td> <td>06/25/2009</td> </tr> <tr> <td>Troels KOLDING</td> <td>06/26/2009</td> </tr> </tbody> </table>		Name	Execution Date	Xiangguang CHE	08/04/2009	Peng CHEN	06/26/2009	Frank FREDERIKSEN	06/25/2009	Troels KOLDING	06/26/2009
Name	Execution Date										
Xiangguang CHE	08/04/2009										
Peng CHEN	06/26/2009										
Frank FREDERIKSEN	06/25/2009										
Troels KOLDING	06/26/2009										
RECEIVING PARTY DATA											
Name:	Nokia Siemens Networks										
Street Address:	Karaportti 3										
City:	Espoo										
State/Country:	FINLAND										
Postal Code:	FIN-02610										
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>12489988</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12489988						
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Application Number:	12489988										
CORRESPONDENCE DATA											
Fax Number:	(703)519-9958										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Phouphanomketh Ditthavong										
Total Attachments: 4 source=2008P01690US_P2221US01_Assignment#page1.tif											

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**PATENT
 REEL: 023212 FRAME: 0910**

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ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned, Xiangguang Che, Peng Chen, Frank Frederiksen, Troels Kolding, hereby sell, assign, and transfer to Nokia Siemens Networks, a corporation of Espoo, Finland, having a principal place of business at Karaportti 3, Espoo, FIN-02610, 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 PROVIDING ACKNOWLEDGMENT
BUNDLING

- which has been executed by the undersigned concurrently herewith,
 which was filed on 06/23/2009 and assigned Serial No. 12/489,988

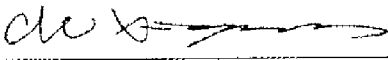
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or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

4 Aug, 2009
Date


Name: Xiangguang Che

_____, 20____
Date

Name: Peng Chen

_____, 20____
Date

Name: Frank Frederiksen

_____, 20____
Date

Name: Troels Kolding

Each Inventor: Please Sign and Date Below:

_____, 20____
Date

Name: Xiangguang Che

June 26, 20*09*
Date

Peng Chen

Name: Peng Chen

_____, 20____
Date

Name: Frank Frederiksen

_____, 20____
Date

Name: Troels Kolding

Each Inventor: Please Sign and Date Below:

_____, 20____
Date

Name: Xiangguang Che

_____, 20____
Date

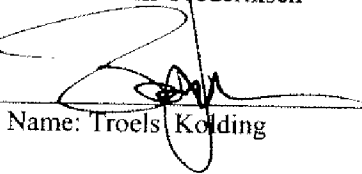
Name: Peng Chen

25/6-09, 2009
Date



Name: Frank Frederiksen

26/6, 2009
Date



Name: Troels Kolding