

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>Andres Lucero</td><td>03/18/2011</td></tr><tr><td>Tero Jokela</td><td>03/18/2011</td></tr><tr><td>Jussi Pekka Holopainen</td><td>04/08/2011</td></tr><tr><td>Juha Henrik Arrasvuori</td><td>03/18/2011</td></tr><tr><td>Jaakko Olli Taavetti Keranen</td><td>03/18/2011</td></tr><tr><td>Hannu J. Korhonen</td><td>03/18/2011</td></tr><tr><td>Marion Boberg</td><td>03/23/2011</td></tr><tr><td>Erika Piia Pauliina Reponen</td><td>03/18/2011</td></tr></tbody></table>		Name	Execution Date	Andres Lucero	03/18/2011	Tero Jokela	03/18/2011	Jussi Pekka Holopainen	04/08/2011	Juha Henrik Arrasvuori	03/18/2011	Jaakko Olli Taavetti Keranen	03/18/2011	Hannu J. Korhonen	03/18/2011	Marion Boberg	03/23/2011	Erika Piia Pauliina Reponen	03/18/2011
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RECEIVING PARTY DATA																			
<table border="1"><tr><td>Name:</td><td>Nokia Corporation</td></tr><tr><td>Street Address:</td><td>Keilalahdentie 4</td></tr><tr><td>City:</td><td>Espoo</td></tr><tr><td>State/Country:</td><td>FINLAND</td></tr><tr><td>Postal Code:</td><td>02150</td></tr></table>		Name:	Nokia Corporation	Street Address:	Keilalahdentie 4	City:	Espoo	State/Country:	FINLAND	Postal Code:	02150								
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PROPERTY NUMBERS Total: 1																			
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CORRESPONDENCE DATA																			
Fax Number: (703)519-9958 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: vilavanh.ditthavong@dcpatent.com Correspondent Name: Ditthavong Mori & Steiner, P.C. Address Line 1: 918 Prince Street Address Line 4: Alexandria, VIRGINIA 22314																			
ATTORNEY DOCKET NUMBER:	P5078US00																		

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PATENT  
REEL: 026250 FRAME: 0592

OP \$40.00 13025916

NAME OF SUBMITTER:

Phouphanomketh Ditthavong

Total Attachments: 3

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**ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I (we) the undersigned, Andrés Lucero, Tero Jokela, Jussi Pekka Holopainen, Juha Henrik Arrasvuori, Jaakko Olli Taavetti Keränen, Hannu J. Korhonen, Marion Boberg and Erika Piia Pauliina Reponen, 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 SHARING MEDIA IN A  
MULTI-DEVICE ENVIRONMENT

- ☐ which has been executed by the undersigned concurrently herewith,  
☒ which was filed on February 11, 2011 and assigned Serial No. 13/025,916

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;

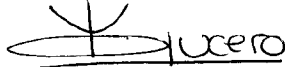
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this 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.

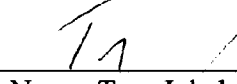
The undersigned hereby grant(s) registered practitioners of the firm of Ditthavong Mori & Steiner, P.C. of 918 Prince Street, Alexandria, Virginia, 22314, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United State Patent and Trademark Office for recordation of this document.

**Each Inventor: Please Sign and Date Below:**

MARCH 18, 2011  
Date

  
Name: Andrés Lucero

MARCH 18, 2011  
Date

  
Name: Tero Jokela

April 8, 2011  
Date

  
Name: Jussi Pekka Holopainen


MARCH 18, 2011  
Date

  
Name: Juhani Henrik Arrasvuori

March 18, 2011  
Date

  
Name: Jaakko Olli Taavetti Keränen

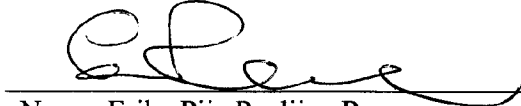
March 18, 2011  
Date

  
Name: Hannu J. Korhonen

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Date

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Name: Marion Boberg

March 18, 2011  
Date

  
Name: Erika Piia Pauliina Reponen

**Each Inventor: Please Sign and Date Below:**

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Date

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Name: Andrés Lucero

\_\_\_\_\_, 20\_\_\_\_  
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Date

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Name: Hannu J. Korhonen

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Name: Marion Boberg

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Date

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Name: Erika Piia Pauliina Reponen