

## 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>Arto Juhani Lehtiniemi</td> <td>06/06/2013</td> </tr> <tr> <td>Antti Johannes Eronen</td> <td>06/06/2013</td> </tr> <tr> <td>Juha Henrik Arrasvuori</td> <td>06/10/2013</td> </tr> <tr> <td>Jukka Antero Holm</td> <td>06/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Arto Juhani Lehtiniemi	06/06/2013	Antti Johannes Eronen	06/06/2013	Juha Henrik Arrasvuori	06/10/2013	Jukka Antero Holm	06/06/2013
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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>FIN-02150</td> </tr> </table>		Name:	Nokia Corporation	Street Address:	Keilalahdentie 4	City:	Espoo	State/Country:	FINLAND	Postal Code:	FIN-02150
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 7044441111  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 704-444-1000        Email: patent-mail@alston.com</p> <p>Correspondent Name: Nokia Corporation and Alston &amp; Bird LLP        Address Line 1: Bank of America Plaza, 101 South Tryon S        Address Line 2: Suite 4000        Address Line 4: Charlotte, NORTH CAROLINA 28280-4000</p>											
ATTORNEY DOCKET NUMBER:	042933/432238										
NAME OF SUBMITTER:	Jonathan A. Thomas										
Signature:	/JonathanAThomas/										

PATENT

Date:

06/11/2013

**Total Attachments: 5**

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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 GATHERING AND PRESENTING EMOTIONAL RESPONSE TO AN EVENT"** as set forth in this United States Patent Application

- ☒ executed concurrently herewith  
☐ executed on \_\_\_\_\_  
☐ Application No. \_\_\_\_\_; filed \_\_\_\_\_  
☐ Application claims priority from Application No. \_\_\_\_\_, filed \_\_\_\_\_, all applications listed above being hereinafter referred to as the "application(s)";

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

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, 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.

Attorney Docket No. 042933/432238

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.

6.6.2013

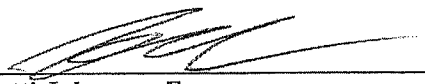
Date



Arto Juhani Lehtiniemi

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.

June 6 2013  
Date

  
Antti Johannes Eronen

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.

JUNE 10, 2013  
Date

  
Juha Henrik Arrasvuori

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June 6 2013  
Date

Jukka Antero Holm  
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