

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2999265

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANTTI A. TOSKALA	08/27/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOKIA CORPORATION
<b>Street Address:</b>	KARAKAARI 7
<b>City:</b>	ESPOO
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	02610
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14470103
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)944-0245
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<b>ATTORNEY DOCKET NUMBER:</b>	800.1269.U1(U)
<b>NAME OF SUBMITTER:</b>	JOHN A. GARRITY
<b>SIGNATURE:</b>	/John A. Garrity/
<b>DATE SIGNED:</b>	08/27/2014
<b>Total Attachments: 3</b>	
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source=Assignment-Toskala#page2.tif	
source=Assignment-Toskala#page3.tif	

H&S Docket No.: 800.1269.U1(US)  
Nokia Docket No.: NC83465US

For  U.S. and/or  Foreign Rights  
For  U.S. Application or  U.S. Patent

### ASSIGNMENT OF INVENTION

In accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

**(1) ASSIGNOR (inventor):**

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR :	<b>Toskala</b>	<b>Antti</b>	<b>A.</b>

**(2) ASSIGNOR (inventor):**

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR :	<b>Nielsen</b>	<b>Sari</b>	<b>Kaarina</b>

**(3) ASSIGNOR (inventor):**

FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
OF INVENTOR :	<b>Saynajakangas</b>	<b>Tuomo</b>	

hereby sell(s), assign(s) and transfer(s) to

**ASSIGNEE:**

**Nokia Corporation**  
Karakaari 7  
02610 Espoo  
Finland

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, to any invention and all improvements which are disclosed in the invention entitled:

### LTE ADVANCED SERVICE INDICATOR

which is found in:

- the patent application executed on the same date herewith,  
 U.S. provisional patent application number \_\_\_\_\_  
filed \_\_\_\_\_,

and any legal equivalent thereof in a foreign country,  
including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof;

and any prior U.S. provisional patent application(s) (if any) including the following:

Application No.: 61/870,947

Filing Date: August 28, 2013.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

(1) Assignor Name: **Antti A. TOSKALA**

By: Antti Toskala 27.8.2014  
Signature Date

Witnessed:  
(1) [Signature] 27.8.2014  
Witness Name: MARTIN POKKO Date

(2) Assignor Name: **Sari Kaarina NIELSEN**

By: \_\_\_\_\_  
Signature Date

Witnessed:  
(2) \_\_\_\_\_  
Witness Name: \_\_\_\_\_ Date

(3) Assignor Name: **Tuomo SAYNAJAKANGAS**

By: \_\_\_\_\_  
Signature Date

**Witnessed:**

(3) \_\_\_\_\_  
Witness Name: Date

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