

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3832017

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HANNIS JUERGEN SCHWARZBAUER	02/08/2016
SIMONE REDANA	03/06/2016
WOONHEE HWANG	02/12/2016
JUSSI-PEKKA KOSKINEN	03/03/2016
JARKKO TUOMO KOSKELA	03/03/2016
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<b>City:</b>	ESPOO
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	FIN-02610
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14911096
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)944-0245
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	863.1247.U1(US)
<b>NAME OF SUBMITTER:</b>	MARK HARRINGTON
<b>SIGNATURE:</b>	/mark harrington/
<b>DATE SIGNED:</b>	04/15/2016
<b>Total Attachments: 7</b> source=Assignment#page1.tif	

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## A S S I G N M E N T

For good and valuable consideration, I/we, the undersigned

**Assignor 1)**  
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**Assignor 5)**  
**Jarkko Tuomo Koskela**  
 residing at:  
**Kajuuttapiha 3**  
**90500 Oulu**  
**FINLAND**

hereby sell, assign, and transfer to

Nokia Solutions and Networks Oy

a Finnish corporation organized and existing under the laws of FINLAND , having its principal place of business in ESPOO , FINLAND herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **OFFLOADING TRAFFIC OF A USER EQUIPMENT COMMUNICATION SESSION FROM A CELLULAR COMMUNICATION NETWORK TO A WIRELESS LOCAL AREA NETWORK (WLAN)**

disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. 2013P01045WOUS  
 US-/PCT-Application No. PCT/EP2013/066706

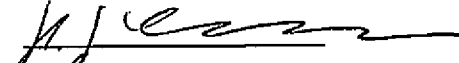
and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements; hereby agree that said Assignee may apply for and receive Letters Patent 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 agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding 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 hereby 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 had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

2013P01045WOUS

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**Assignor 1)**

Date: 2016-02-08

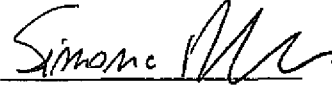
  
Hanns Jurgen Schwarzbauer

2013P01045WOUS

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**Assignor 2)**

Date: 04/03/2016

A handwritten signature in black ink, appearing to read "Simone Redana", written over a horizontal line.

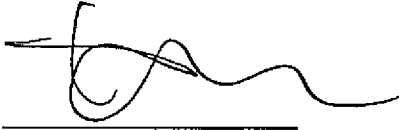
Simone Redana

2013P01045WOUS

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Assignor 3)

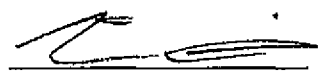
Date: 12. Feb. 2016

A handwritten signature in black ink, consisting of a series of loops and a long horizontal tail, positioned above a solid horizontal line.

Woonhee Hwang

Assignor 4)

Date: 3-MAR-16

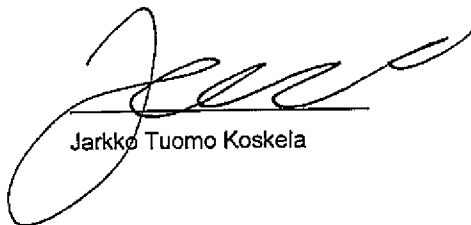


Jussi-Pekka Koskinen



Assignor 5)

Date: 3-Mar-2016



Jarkko Tuomo Koskela