## 503408417 07/26/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JARKKO LAURI SAKARI KNECKT	02/16/2015
NIKO TAPANI KIUKKONEN	02/09/2015
MIKA KASSLIN	02/16/2015

### **RECEIVING PARTY DATA**

Name:	NOKIA CORPORATION
Street Address:	KARAKAARI 7
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14417258

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	79631US INV TO NCORP	
NAME OF SUBMITTER:	SANDY FONG-HOU	
SIGNATURE:	/Sandy Fong-Hou/	
DATE SIGNED:	07/26/2015	

### **Total Attachments: 4**

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PATENT 503408417 REEL: 036179 FRAME: 0442

#### ASSIGNMENT

I/we, (The ASSIGNOR(S)):

Jarkko Lauri Sakari Kneckt Niko Tapani Kiukkonen Mika Kasslin

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby assign to (hereafter referred to as The ASSIGNEE):

Nokia Corporation Karakaari 7 02610 Espoo Finland

An invention entitled (invention Title):

#### **ASSOCIATION IN WIRELESS NETWORK**

The DATENT	RIGHTS referred to in this agreement are:			
ino creediyi	a national Patent Application No.	filed on		
conc.	European Patent Application No.	filed on		
X.	PCT application No. PCT/Fi2012/050901 filed on September 18, 2012			
for this inventi	on, executed by the ASSIGNOR(S)			
X	U.S. Patent Application Serial No. 14/417258, filed January 26, 2015			
	U.S. Patent No, issue	.g		
The PATENT	RIGHTS assigned under this agreement are:			
	U.S. Patent rights			
X X	worldwide Patent rights. In this case, the assignee shall have the right to claim the			
	benefit of the filing date of any Patent Application	on identified above.		
X	the full and exclusive right to the invention;			
	-			

The ASSIGNOR(S) do hereby assign the following to each ASSIGNEE; their successors and assigns:

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention, all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and

the right to claim priority under 35 U.S.C. § 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(S), their successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

Further, I/We authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filling date, serial number, etc.);

Each Inventor: Please sign and date below:

PATENT REEL: 036179 FRAME: 0443 NC79631

[Niko Tapani Kiukkonen]

Witness Signature
Printed Name 1/ENR 1 1/451/4

09,02,2075 Date 09.02,2075 Date

**PATENT REEL: 036179 FRAME: 0444**  NC79631

JAL 22 [Jarkko Lauri Sakari Kneckt]

Olle Witness Signature
Printed Name All Allecte

(6.2, 2015)
Date

16.2, 2015
Date

[Mika Kasslin] OULLE

Witness Signature
Printed Name ON. Alcuncia

NC79631

<u>\6.7.7.2.0\$</u> Date

**PATENT REEL: 036179 FRAME: 0446** 

**RECORDED: 07/26/2015**