PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
OSMAN YILMAZ	03/15/2013	
ZEXIAN LI	03/15/2013	
MIKKO UUSITALO	03/15/2013	
MARTTI MOISIO	03/15/2013	

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:	14773302

CORRESPONDENCE DATA

Fax Number:

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.

Email: Sandy.fong-Hou@nokia.com

Correspondent Name: NOKIA USA INC. ATTN: INTELLECTUAL PROPE

Address Line 1: 200 SOUTH MATHILDA AVE

Address Line 4: SUNNYVALE, CALIFORNIA 94086

ATTORNEY DOCKET NUMBER:	80966US INV TO NCORP
NAME OF SUBMITTER:	SANDY FONG-HOU
SIGNATURE:	/Sandy Fong-Hou/
DATE SIGNED:	09/04/2015

Total Attachments: 5

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PATENT 503468382 REEL: 036499 FRAME: 0570

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PATENT REEL: 036499 FRAME: 0571

ASSIGNMENT

WHEREAS, I/We,

(1)	Osman Yilmaz	of	Helsinki, Finland
(2)	Zexian Li	of	Espoo, Finland
(3)	Mikko Uusitalo	of	Helsinki, Finland
(4)	Martti Moisio	of	Vantaa, Finland

have invented certain improvements in

METHOD AND APPARATUS FOR HANDOVER OF DEVICE-TO-DEVICE COMMUNICATIONS

For which	n I/we have filed an ap	oplication for Letters Pate	nt of the United	States of Americ	a, submitted for
filing on	September 4, 2015	and assigned a	pplication no.	14/773302	, which is
a 371 Nat	tional Stage of PCT/C	N2013/072368, filed on	March 8, 2013	3 : and	

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

WHEREAS, NOKIA CORPORATION, a corporation organized under the laws of Finland, having its principal office in Espoo, Finland (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and under the said invention and the said application, and in and to any and all Letters Patent which shall be granted therefore in the United States of America and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we have sold and do hereby sell, assign, transfer and convey unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and to said invention and application, and in all divisionals, reissues, substitutions, continuations, continuation-in-part and, in any and all Letters Patents of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefore or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

I/WE ALSO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom to the said ASSIGNEE of my/our entire right, title and interest.

I/WE FURTHER HEREBY sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including, without limitation, the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including

all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries. I/WE further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I/WE HEREBY covenant that I/WE have not and I/WE will not execute any agreement in conflict herewith.

I/WE HEREBY further covenant, and agree to bind my/our heirs, legal representatives, and assigns, promptly to communicate to said ASSIGNEE or its representatives any facts known to me/us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said ASSIGNEE, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date indicated below.

Osman Yilmaz

Witness Signature
Printed Name Olivi Alones

15,03,2013 Date

15,03,7013

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date indicated below.

Zexian Li

Printed Name

March 15, 2013

Date

March 15, 2013

Date

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date indicated below.

Mikko Uusitalo

March 15th, 2017
Date

March 15th, 2013

Date

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the date indicated below.

/5th March 2013 Date March 15 2013 Date

Printed Name / //// RINNE