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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PEKKA JANIS	05/31/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15118965	

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NAME OF SUBMITTER:	BRADLEY C. WRIGHT
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DATE SIGNED:	01/30/2017

Total Attachments: 2

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> **PATENT** REEL: 041116 FRAME: 0934 504202100

ASSIGNMENT

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

Pekka Janis Jarkko Lauri Sakari Kneckt Olli Alanen

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 Kellalahdentie 4 FI-02150 Espoo Finland.

An invention entitled (invention Title):

TRANSMISSION COORDINATION IN WIRELESS NETWORK

The PATE	NT RIGHTS referred to in this agreemen	t are:	
	a national Pater	nt Application No.	filed on
	European Patent Application No.	filed on	
<u>x</u>	PCT application No. PCT/FI2014/05	0110 filed on February 1	<u>3, 2014</u> .
for this inv	ention, executed by the ASSIGNOR(S)		
	U.S. Patent Application Serial No	, filed _	
	U.S. Patent No.	, issued	***************************************
	NT RIGHTS assigned under this agreem	ent are:	
X	U.S. Patent rights		
<u>X</u>	worldwide Patent rights. In this case benefit of the filing date of any Pater		
X	the full and exclusive right to the inve		

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: 041116 FRAME: 0935 NC85023

Witness Signature Printed Name <u>Kara</u> Hour Line-

PATENT REEL: 041116 FRAME: 0936

RECORDED: 01/30/2017