

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4249082

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JARKKO LAURI SAKARI KNECKT	07/13/2016
OLLI ALANEN	08/08/2016
RECEIVING PARTY DATA	
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Street Address:	KARAPORTTI 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	FIN-02610
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15118965
CORRESPONDENCE DATA	
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<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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ATTORNEY DOCKET NUMBER:	004770.02395
NAME OF SUBMITTER:	BRADLEY C. WRIGHT
SIGNATURE:	/Bradley C. Wright/
DATE SIGNED:	01/30/2017
Total Attachments: 3	
source=executed assignment - Kneckt and Olli Alanen#page1.tif	
source=executed assignment - Kneckt and Olli Alanen#page2.tif	
source=executed assignment - Kneckt and Olli Alanen#page3.tif	

Assignment

WHEREAS, we, Pekka Janis, having an address of Noykkionnilitty 3 D 17, FI-02330, Espoo, Finland, Jarkko Lauri Sakari Kneckt, having an address of Rakentajainrinne 6, FI-02330, Espoo, Finland and Olli Alanen, having an address of Aatelitie 3 A 1, FI-01520 Vantaa, Finland, are the inventors of certain inventions and improvements described in a United States patent application identified by Attorney Docket No. 004770.02395 and having the title:

OVERLAPPING TRANSMISSION OF FRAMES IN A WIRELESS NETWORK IF SIGNAL STRENGTH IS BELOW A THRESHOLD

which application is executed concurrently herewith by each respective inventor, unless the following box is checked:

was filed on February 13, 2014 as International Application No. PCT/FI2014/050110

and WHEREAS

Nokia Technologies Oy
Karaportti 3
FIN-02610 ESPOO
FINLAND

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application (including the right to claim priority thereto), inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

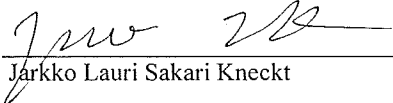
And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal

proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: _____ Signature: _____
Pekka Janis

Date: July 13th 2016 Signature: 
Jarkko Lauri Sakari Kneckt

Date: _____ Signature: _____
Olli Alanen

Note: No legalization or other witness required.

LAW OFFICES
BANNER & WITCOFF, LTD.
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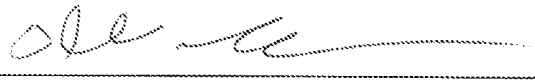
proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: _____ Signature: _____
Pekka Janis

Date: _____ Signature: _____
Jarkko Lauri Sakari Kneckt

Date: August 8, 2016 Signature: 
Olli Alanen

Note: No legalization or other witness required.

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