

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JARKKO KNECKT	12/08/2014
	MIKA KASSLIN	12/04/2014
	JANNE MARIN	12/04/2014
	OLLI ALANEN	12/04/2014
	ENRICO HENRIK RANTALA	12/04/2014
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Street Address:	KARAKAARI 7	
City:	ESPOO	
State/Country:	FINLAND	
Postal Code:	FIN-02610	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15529854	
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NAME OF SUBMITTER:	BRADLEY C. WRIGHT	
SIGNATURE:	/Bradley C. Wright/	
DATE SIGNED:	06/01/2017	
Total Attachments: 6		

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ASSIGNMENT

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

Jarkko Knecht
Mika Kasslin
Janne Marin
Olli Alanen
Enrico-Henrik Rantala

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):

MANAGING OPERATION DURING ABSENCE IN WIRELESS NETWORK

The PATENT RIGHTS referred to in this agreement are:

— a national Patent Application No. _____ filed on _____
— European Patent Application No. _____ filed on _____
X PCT application No. PCT/FI2014/050922 filed on November 27, 2014

for this invention, executed by the ASSIGNOR(S)

— U.S. Patent Application Serial No. _____, filed _____
— U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

X U.S. Patent rights
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 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.

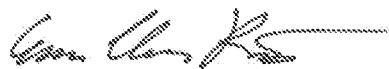
As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole 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., filing date, serial number, etc.);

Each inventor: Please sign and date below:

NC86512



[Enrico-Henrik Rantala]



Witness Signature

Printed Name BA TUOMALA

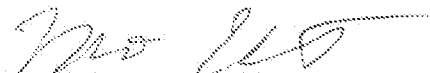
4th DEC 2014

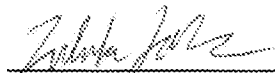
Date

12/04/2014

Date

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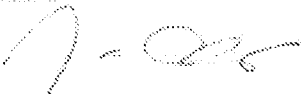

[Jarkko Knecht]


Witness Signature
Printed Name Jukka Jalonen

8.12.2014
Date

8.12.2014
Date

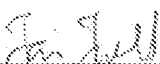
NC86512



[Janne Marin]

4.12.2014

Date



Witness Signature
Printed Name Jay Smith

4.12.2014

Date

NC86512



Mika Kasslin

4.12.2014

Date



Witness Signature

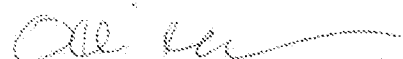
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Jara Junell

4.12.2014

Date

NC86512


[Olli Alanen]


Witness Signature
Printed Name Jari Juntti

4.12.2014
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4.12.2014
Date