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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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JUSSI ARTTURI LEPPANEN	02/09/2015

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15547275

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NAME OF SUBMITTER:	MAJID S. ALBASSAM	
SIGNATURE:	/Majid S. AlBassam/	
DATE SIGNED:	08/15/2017	

Total Attachments: 3

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PATENT 504504130 REEL: 043297 FRAME: 0250

ASSIGNMENT

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

Antti Johannes Eronen Jussi Artturi Leppanen

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

Nokia Technologies OY Karaportti 3 02610 Espoo Finland.

An invention entitled (invention Title):

MONITORING

The PATENT X -	RIGHTS referred to in this agreement a national Patent Application No. European Patent Application No. <u>151</u> PCT application No.						
or this invention, executed by the ASSIGNOR(S)							
_	U.S. Patent Application Serial No		, filed				
***	U.S. Patent No.	, issue	ed				
The PATENT RIGHTS assigned under this agreement are:							
X	U.S. Patent rights						
χ	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.						
¥.	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:

PATENT REEL: 043297 FRAME: 0251 NC86925

[Antti Johannes Eronen]

Witness Signature Saycet Ma

PATENT REEL: 043297 FRAME: 0252 NC86925

[Jussi Artturi Leppanen]

Witness Signature Printed Name SUJEET

9.2.2015

Date

PATENT REEL: 043297 FRAME: 0253

RECORDED: 08/15/2017