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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
			Name	Execution Date	
SAMULI TURTINEN				11/29/2016	
JUHO PIRSKANEN				11/21/2016	
TIMO KOSKELA				11/29/2016	
RECEIVING PARTY DA					
			HNOLOGIES OY		
Street Address:	KARAF	KARAPORTTI 3			
City:	ESPOC)			
State/Country:	FINLA	FINLAND			
Postal Code:	02610	02610			
PROPERTY NUMBERS	S Total: 1				
Property Type			Number		
Application Number:		16349	49041		
using a fax number, if	oe sent to provideo	d; if th	e-mail address first; if that is uns nat is unsuccessful, it will be sent		
Email: Correspondent Name:			pham@nokia.com IA ATTN: IP DOCKETING		
•		SOUTH MATHILDA AVE			
Address Line 4:		SUNNYVALE, CALIFORNIA 94086			
ATTORNEY DOCKET NUMBER:		NC101989-US-PCT			
NAME OF SUBMITTER:		ТНАО РНАМ			
SIGNATURE:		/Thao Pham/			
DATE SIGNED:			05/10/2019		
Total Attachments: 4					

ASSIGNMENT

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

Samuli Turtinen Juho Pirskanen Timo Koskela

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 Karaportii 3 02610 Espoo Finland

An invention entitled (invention Title):

HANDLING UE CONTEXT UPON INACTIVITY

The PATENT RIGHTS referred to in this agreement are:

	a national Patent Application No.	filed on				
	European Patent Application No.	filed on				
-	PCT application No.	filed on				
for this ir	vention, executed by the ASSIGNOR(S)					
X	U.S. Patent Application Serial No. 62/422411 filed November 15, 2016.					
	U.S. Patent No.	, issued				
The PAT	ENT RIGHTS assigned under this agreem	ant 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 Pateni					
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 reexamination 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: 049141 FRAME: 0329 NC101989

[Samuli Turtinen]

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(Witness Signature 」「Printed Name」」「パパー」にARJAのパーのC

28,11,20/6

Date

29,11,2016

Date

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[Juho Pirskanen]

Witness Signature Printed Name <u>H-74-1-18-1</u>

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21st of November 2016 Date

<u>2.15+ Nov 20</u>6 Date

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[Timo Koskela]

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/Witness Signature J. M. (LAMARALC) Printed Name

20.11.2016

Date

29,11.2015

Date

PATENT REEL: 049141 FRAME: 0332

RECORDED: 05/10/2019