PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
Name Execution Date						
JUSSI PEKKA KOSKINEN				01/29/2014		
JARKKO T. KOSKELA				01/23/2014		
RECEIVING PARTY DATA						
Name:	NOKIA CORPO	ORATI	NC			
Street Address:	KEILALAHDENTIE 4					
City:	ESPOO					
State/Country:	FINLAND					
Postal Code:	02150					
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Application Number: 142		142378	7868			
CORRESPONDENCE DATA						
Fax Number:Email:sandy.fong-hou@nokia.comCorrespondence will be sent via US Mail when the email attempt is unsuccessful.Correspondent Name:NOKIA, INC. ATTN: INTELLECTUAL PROPERTYAddress Line 1:200 SOUTH MATHILDA AVEAddress Line 4:SUNNYVALE, CALIFORNIA 94086						
ATTORNEY DOCKET NUMBER:		NC76570-US-PCT				
NAME OF SUBMITTER:		SANDY FONG-HOU				
Signature:		/Sandy Fong-Hou/				
Date:		02/07/2014				
Total Attachments: 2 source=76570_ExecutedAssign#page1.tif source=76570_ExecutedAssign#page2.tif						

ASSIGNMENT - WORLDWIDE

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

Jussi Pekka Koskinen Jarkko T. 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 Corporation Keilalahdentie 4 FI-02150 Espoo Finland

An invention entitled (invention Title):

METHOD AND APPARATUS FOR PHYSICAL CELL IDENTIFICATION SPLIT HANDLING

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/IB2011/054766 filed on October 25, 2011.

for this invention, executed by the ASSIGNOR(S)

X	U.S. Patent Application Serial No. <u>14/237868</u> filed February 7, 2014	
	LIS Detent Ne	
_	U.S. Patent No issued	
	, 100000	

The PATENT RIGHTS assigned under this agreement are:

XU.S. Patent rightsXworldwide Patent

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 ASSIGNOR(S) do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;

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.);

PATENT REEL: 032177 FRAME: 0564 Each Inventor: Please sign and date below:

l =[Jussi Pekka Koskinen] Witness Signature Jarkko T. Koskela Witness Signature Printed Name Lave Dul

29 - Jan - 2014 Date

<u>24 - Yam - 2014</u> Date

<u>23 - Jan - 2014</u> Date

<u>23 - Jan - 2014</u> Date