

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAEJOON KIM	01/27/2015
SAYANTAN CHOUDHURY	01/16/2015
KLAUS F. DOPPLER	01/16/2015
ESA TUOMAALA	01/16/2015
ZHONG-YI JIN	01/20/2015
CHITTABRATA GHOSH	01/30/2015
RECEIVING PARTY DATA	
Name:	NOKIA TECHNOLOGIES OY
Street Address:	KARAPORTTI 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14592462
CORRESPONDENCE DATA	
Fax Number:	(203)944-0245
<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>	
Phone:	203 925 9400
Email:	jcabra@HSPATENT.COM
Correspondent Name:	HARRINGTON & SMITH, ATTORNEYS AT LAW, LL
Address Line 1:	4 RESEARCH DRIVE, SUITE 202
Address Line 4:	SHELTON, CONNECTICUT 06484
ATTORNEY DOCKET NUMBER:	800.0958.U2(US)
NAME OF SUBMITTER:	MARK HARRINGTON
SIGNATURE:	/mark harrington/
DATE SIGNED:	02/11/2015
Total Attachments: 7	

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ASSIGNMENT

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

Taejoon Kim
 Sayantan Choudhury
 Klaus F. Doppler
 Chittabrata Ghosh
 Zhong-Yi Jin
 Esa Tuomaala

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):

METHOD AND APPARATUS FOR SIGNALING SEQUENCE ROOT

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 invention, executed by the ASSIGNOR(S)

☒ U.S. Patent Application Serial No. 14/592462, filed January 08, 2015
 - U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

☒ U.S. Patent rights
☒ 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.

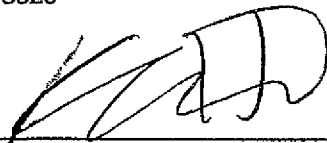
Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE(S), or their representatives, any facts known to the ASSIGNOR(S) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue 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: 034935 FRAME: 0594


NC78825



[Taejoon Kim]

27 - Jan - 2015

Date



Witness Signature
Printed Name DEREK PAIO

28 Jan 2015

Date

NC78825

S. Choudhury
[Sayantan Choudhury]

1/16/15
Date

Enrico Henrik Ranta

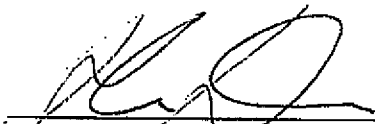
16th JAN 2015

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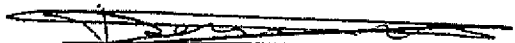
Date

Printed Name ENRICO HENRIK RANTA

NC78825



[Klaus F. Doppler]

11/16/2015
Date


Witness Signature
Printed Name HENS DINNINGELS

11/16/2015
Date

NC78825



[Esa Tuomaala]

01/16/2015
Date



JAN 16th 2015
Date

Witness Signature
Printed Name ENRICO HENRIK RAUTALA

NC78825

Zhong-Yi Jin
[Zhong-Yi Jin]


[Signature]

Witness Signature
Printed Name Hongyu Jiang

1/20/2015
Date

1/20/2015
Date

NC78825



[Chittabrata Ghosh]

01/30/15

Date

Witness Signature
Printed Name _____

Date