

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JARI OLAVI LINDHOLM	08/08/2016
KARI JUHANI HOOLI	08/22/2016
TIMO ERKKI LUNTTILA	08/08/2016
ESA TAPANI TIIROLA	08/22/2016
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Property Type	Number
Application Number:	15115366
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DATE SIGNED:	05/05/2017
Total Attachments: 6	
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ASSIGNMENT

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

Jari Olavi Lindholm
Kari Juhani Hooli
Timo Erkki Lunttila
Esa Tapani Tirola
Tommi Koivisto

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

Nokia Solutions and Networks Oy
Karaportti 3
02610 Espoo
Finland

An invention entitled (invention Title):

METHOD, APPARATUS AND COMPUTER PROGRAM

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. PCT/EP2014/051913 filed on January 31, 2014

for this invention, executed by the ASSIGNOR(S)

☒ U.S. Patent Application Serial No. 15/115366, filed July 29, 2016.
☐ 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.

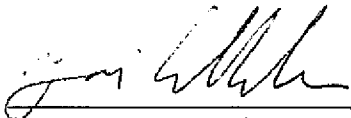
As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole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

NC85344



[Jari Olavi Lindholm]

8/8/2016

Date



Witness Signature

Printed Name ESA Mekkaniemi

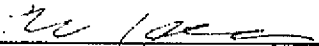
8/8/2016

Date

NC85344


[Kari Juhani Hooli]

22.8.2016
Date


Witness Signature
Printed Name Eeva Lähettangas

22 8 2016
Date

NC85344

Timo Lunttila

[Timo Erkki Lunttila]

Cassio Barbeza Ribezig

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Printed Name CASSIO BARBEZA RIBEZIG


8/8/2016

Date

8/8/2016

Date

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[Esa Tapani Tirola]

22.8.2016

Date



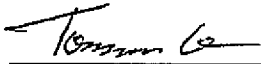
Witness Signature

Printed Name Eeva Lähetkangas

22.8.2016

Date


NC85344



[Tommi Koivisto]

1.11.2016

Date



Witness Signature

Printed Name JOONAS HAAPALA

1.11.2016

Date