503120798 12/31/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MISKA MATIAS HANNUKSELA	01/07/2014

RECEIVING PARTY DATA

Name:	NOKIA CORPORATION
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14587852

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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.

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NAME OF SUBMITTER:	SANDY FONG-HOU
SIGNATURE:	/Sandy Fong-Hou/
DATE SIGNED:	12/31/2014

Total Attachments: 2

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PATENT 503120798 REEL: 034608 FRAME: 0237

ASSIGNMENT - WORLDWIDE

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

Miska Matias Hannuksela

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):

PARAMETER SET CODING

The PATENT	RIGHTS referred to in this agreement are:
<u>X</u>	a PCT/ European Patent Application No; filed on
for this invent	tion, executed by the ASSIGNOR(S)
<u>X</u>	U.S. Patent Application Serial No. 61/923368, filed January 3, 2014
_	U.S. Patent No, issued
The PATENT	RIGHTS assigned under this agreement are:
<u>X</u>	U.S. Patent rights
<u>X</u>	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.

1

NC 85015-US-PSP

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:

Miska Matias Hannuksela

Witress Signature
Printed Name PAYMAN AFLAKI