503627927 12/29/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OSMAN YILMAZ	07/29/2013
PEKKA JANIS	07/29/2013

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14901790

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ATTORNEY DOCKET NUMBER:	NC82451-US-PCT	
NAME OF SUBMITTER:	JACQUELINE LINEBARGER	
SIGNATURE: /jacqueline linebarger/		
DATE SIGNED:	12/29/2015	

Total Attachments: 2

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PATENT 503627927 REEL: 037374 FRAME: 0842

ASSIGNMENT - WORLDWIDE

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

Osman Yilmaz Pekka Jänis

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 OF SWITCHING COMMUNICATIONS FROM A FIRST CHANNEL TO A SECOND CHANNEL OF HIGHER-FREQUENCY

The PATENT - X	RIGHTS referred to in this agreement are: a national Patent Application No. filed on European Patent Application No. filed on PCT application No. PCT/FI2013/050724 filed on July 02, 2013
	on, executed by the ASSIGNOR(S) U.S. Patent Application Serial No. 14/901790 , filed December 29, 2015 U.S. Patent No. , issued
The PATENT <u>X</u> X	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 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: 037374 FRAME: 0843

NC82451

Each Inventor: Please sign and date below:

Witness Signafure Printed Name <u>デ(そ</u>(人)A

29.07.2013

29.09.2013

PATENT REEL: 037374 FRAME: 0844

RECORDED: 12/29/2015