

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANTTI JOHANNES ERONEN	03/17/2016
ARTO JUHANI LEHTINIEMI	02/25/2016
JUSSI ARTTURI LEPPANEN	02/25/2016
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15429998
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NAME OF SUBMITTER:	SANDY FONG-HOU
SIGNATURE:	/Sandy Fong-Hou/
DATE SIGNED:	02/10/2017
Total Attachments: 4	
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ASSIGNMENT

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

Antti Johannes Eronen
Arto Juhani Lehtiniemi
Jussi Artturi Leppanen

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):

CONTROLLING AUDIO RENDERING

The PATENT RIGHTS referred to in this agreement are:

a national Patent Application No. _____ filed on _____
 European Patent Application No. 16156590.8 filed on February 19, 2016
 PCT application No. _____ filed on _____

for this invention, executed by the ASSIGNOR(S)

U.S. Patent Application Serial No. 15429998 filed Feb 10, 2017
 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.

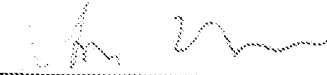
As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(S) as the ASSIGNEE(S) of an equal interest in the entire right, title and interest, for the sole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

NC100191



[Arto Juhani Lehtiniemi]

25.2.2016

Date

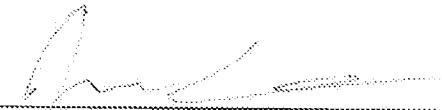


Witness Signature
Printed Name Mikko Tammi

25.2.2016

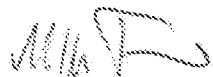
Date

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[Jussi Artturi Leppanen]

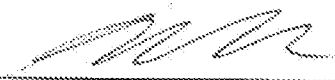
25.2.2016
Date



Witness Signature
Printed Name M. U. Tamai

25.2.2016
Date


NC100191



[Antti Johannes Eronen]

17.3.2016

Date



Witness Signature
Printed Name SUBJECT MATE

17-3-2016

Date