PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADRIANA VASILACHE	05/02/2013
LASSE JUHANI LAAKSONEN	05/02/2013
ANSSI SAKARI RAMO	05/02/2013

RECEIVING PARTY DATA

Name:	NOKIA CORPORATION
Street Address:	KEILALAHDENTIE 4
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02150

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14785518

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	81805US INV TO NCORP
NAME OF SUBMITTER:	SANDY FONG-HOU
SIGNATURE:	/Sandy Fong-Hou/
DATE SIGNED:	10/19/2015

Total Attachments: 2
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ASSIGNMENT - WORLDWIDE

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

VASILACHE, Adriana_____
(Full name of the Inventor)

LAAKSONEN, Lasse Juhani_____
(Full name of the Inventor)

RAMO, Anssi Sakari_____
(Full name of the Inventor)

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):

Audio Signal Encoder

The PATENT RIGHTS referred to in this agreement are:
X   a PCT/ European Patent Application No. PCT/IB2013/053324 filed on 26 April 2013
for this invention, executed by the ASSIGNOR(S)
X   U.S. Patent Application Serial No. ___14/785518_____, filed ___October 19, 2015___
X   U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:
X   U.S. Patent rights
X   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.);

Each Inventor: Please sign and date below:

_____   May 2nd, 2013
NAME: VASILACHE, Adriana   (Date)

_____   May 2nd, 2013
NAME: LAAKSONEN, Lasse Juhani   (Date)

_____   MAY 2nd, 2013
NAME: RAMO, Anssi Sakari   (Date)