

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARI PAULIINA PARTIO	02/04/2013
MARKO TAPANI YLIAHO	02/04/2013
ARI JUHANI KOSKI	02/04/2013
JUHA REINHOLD BACKMAN	08/16/2013
RECEIVING PARTY DATA	
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Street Address:	KEILALAHDENTIE 4
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02150
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14423350
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	NC78646-US-PCT
NAME OF SUBMITTER:	SANDY FONG-HOU
SIGNATURE:	/Sandy Fong-Hou/
DATE SIGNED:	02/23/2015
Total Attachments: 4	
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source=78646US_ExecutedAssign#page3.tif	
source=78646US_ExecutedAssign#page4.tif	

ASSIGNMENT - WORLDWIDE

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

PARTIO, Mari Pauliina_____
(Full name of the Inventor)

YLIAHO, Marko Tapani_____
(Full name of the Inventor)

KOSKI, Ari Juhani_____
(Full name of the Inventor)

BACKMAN, Juha Reinhold_____
(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):

DETECTION OF A MICROPHONE

The PATENT RIGHTS referred to in this agreement are:

- ☒ a PCT/ European Patent Application No. PCT/IB2012/054699 filed on 10 September 2012 for this invention, executed by the ASSIGNOR(S)
☒ U.S. Patent Application Serial No. 14/423350, filed February 23, 2015
☒ 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 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:

NAME: PARTIO, Mari Pauliina

(Date)

NAME: YLIAHO, Marko Tapani

(Date)

NAME: KOSKI, Ari Juhani

(Date)

NAME: BACKMAN, Juha Reinhold

(Date)

Juha Backman

Aug 16th, 2013

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:

Mari Partio 4.2.2013
NAME: PARTIO, Mari Paulina (Date)

NAME: YLIAHO, Marko Tapani (Date)

NAME: KOSKI, Ari Juhani (Date)

NAME: BACKMAN, Juha Reinhold (Date)

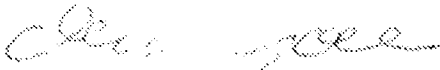
and all Letters Patent to be issued to said ASSIGNEE(S), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(S), their successors and assigns, to obtain and enforced proper protection for said invention.

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:

NAME: PARTIO, Mari Paulina

(Date)



NAME: YLIAHO, Marko Tapani

(Date)



NAME: KOSKI, Ari Juhani

(Date)

4 Feb 2013

4 - Feb - 2013

NAME: BACKMAN, Juha Reinhold

(Date)