504575151 10/02/2017

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DARRYL PAUL JAMES COTTON	04/14/2015
ADAM ROBINSON	04/14/2015

RECEIVING PARTY DATA

Name:	NOKIA TECHNOLOGIES OY
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State/Country:	FINLAND
Postal Code:	02610

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15563704

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ATTORNEY DOCKET NUMBER:	86980US INV TO NTECH
NAME OF SUBMITTER:	SANDY FONG-HOU
SIGNATURE:	/Sandy Fong-Hou/
DATE SIGNED:	10/02/2017

Total Attachments: 3

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PATENT 504575151 REEL: 043753 FRAME: 0382

ASSIGNMENT

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

Darryl Paul James Cotton Adam Robinson

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):

AN APPARATUS AND METHOD FOR SENSING

The PATENT	RIGHTS referred to in this agreement are: a national Patent Application No. filed on European Patent Application No. 15163254.4 filed on April 10, 2015. PCT application No. filed on
for this invent	ion, executed by the ASSIGNOR(S)
X	U.S. Patent Application Serial No. 15/563704 filed October 2, 2017
	U.S. Patent No, issued
The PATENT	RIGHTS assigned under this agreement are:
	U.S. Patent rights
X X	worldwide Patent rights. In this case, the assignee shall have the right to claim the
exe.	benefit of the filing date of any Patent Application identified above.
X	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:

PATENT REEL: 043753 FRAME: 0383

NC86980

[Adam/Robinson]

Witness Signature Printed Name <u>KICHAKD</u>

PATENT REEL: 043753 FRAME: 0384

NC86980 | JAC | 14/4/5 | Date | Date

RECORDED: 10/02/2017

PATENT REEL: 043753 FRAME: 0385