

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIMO KOSKELA	05/26/2016
SAMULI HEIKKI TURTINEN	05/26/2016
JUHO MIKKO OSKARI PIRSKANEN	02/07/2017
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15586227
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NAME OF SUBMITTER:	JACQUELINE THOMASON
SIGNATURE:	/Jacqueline Thomason/
DATE SIGNED:	05/03/2017
Total Attachments: 4	
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ASSIGNMENT

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

**Timo Koskela
Samuli Heikki Turtinen
Juho Mikko Oskari Pirskanen**

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):

MOBILITY MEASUREMENTS

The PATENT RIGHTS referred to in this agreement are:

- a national Patent Application No. filed on
- European Patent Application No. filed on
- PCT application No. filed on
- for this invention, executed by the ASSIGNOR(S)
- U.S. Patent Application Serial No. 62/332229 filed May 05, 2016.
- 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.);

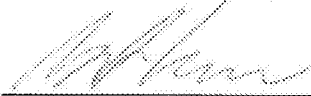
Each Inventor: Please sign and date below:

NC101407



[Samuli Heikki Turtinen]

26.5.2016
Date



Witness Signature
Printed Name MATTI LAHTELA

26.5.2016
Date

NC101407

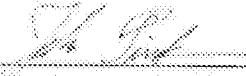
Timo Koskela
[Timo Koskela]

16.5.2016
Date

[Signature]
Witness Signature
Printed Name Rami Laitila

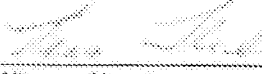
26.5.2016
Date

NC101407



[Juho Mikko Oskari Pirskanen]

7th of February 2017
Date



Witness Signature
Printed Name _____

7th of February 2017
Date