

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3226734

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VILLE VALTTERI RANKI	09/05/2012
ANTTI PAAVO TAPANI KAINULAINEN	09/10/2012
KIMMO HEIKKI JUHANA KALLIOLA	09/05/2012
FABIO BELLONI	09/05/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOKIA CORPORATION
<b>Street Address:</b>	KEILALAHDENTIE 4
<b>City:</b>	ESPOO
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	02150
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14421705
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	Sandy.fong-Hou@nokia.com
<b>Correspondent Name:</b>	NOKIA USA INC. ATTN: INTELLECTUAL PROPE
<b>Address Line 1:</b>	200 SOUTH MATHILDA AVE
<b>Address Line 4:</b>	SUNNYVALE, CALIFORNIA 94086
<b>ATTORNEY DOCKET NUMBER:</b>	NC79122-US-PCT
<b>NAME OF SUBMITTER:</b>	SANDY FONG-HOU
<b>SIGNATURE:</b>	/Sandy Fong-Hou/
<b>DATE SIGNED:</b>	02/13/2015
<b>Total Attachments: 2</b>	
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source=NC79122WO_Assignment#page2.tif	

**THIS ASSIGNMENT** is made on the date(s) given at the bottom.

**BETWEEN**

**Ville Valtteri RANKI**, a Finnish citizen having an address at Munkkiranta 2 J 30, 02360 Espoo, Finland;

**Antti Paavo Tapani KAINULAINEN**, a Finnish citizen having an address at Ajurinmäki 5 A 28, 02650 Espoo, Finland;

**Kimmo Heikki Juhana KALLIOLA**, a Finnish citizen having an address at Ulvilantie 17a K 172, 00350 Helsinki, Finland;

**Fabio BELLONI**, an Italian citizen having an address at Päivänkaari 4 E, 02210 Espoo, Finland; (hereafter termed "the Inventors")

**and**

Nokia Corporation, a Company organised under the laws of Finland and having a place of business at Keilalahdentie 4, Espoo 02150, Finland (hereafter termed "the Assignee")

**WHEREAS**

- (a) the Inventors have jointly together made an invention (hereafter termed "the Invention") entitled **"Positioning Devices"** as described and claimed in **International Patent Application number PCT/IB2012/054491**, filed on 31 August 2012;
- (b) because of obligations on the Inventors at the time the Invention was made, all rights, title and interest in the Invention belongs to the Assignee;
- (c) for the avoidance of any doubt as to the ownership of the Invention the Assignee has asked the Inventors to execute this assignment, which the Inventors have agreed to do.

**IT IS AGREED** as follows:

1. In consideration of the sum of €1 and other good and valuable consideration paid by the Assignee to the Inventors, receipt of which is hereby acknowledged, the Inventors hereby assign to the Assignee with full title guarantee all the Inventors' rights, title and interest in the Invention including the right to apply for and obtain intellectual property rights including patent and utility

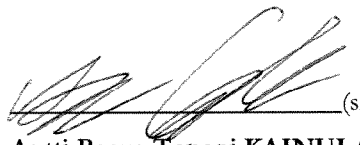
Nokia Inventors' assignment – Venner Shipley LLP

model rights Worldwide, including the right to claim priority from such intellectual property rights, and to hold the same unto the Assignee absolutely.

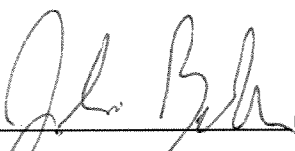
2. The Inventors agree to do all acts and things as may be necessary, or required to record on official registers of patents and elsewhere as required that the proprietor and beneficial owner of the Invention and related rights is the Assignee or an entity or entities to whom the Assignee may assign their rights, and the Assignee agrees to bear all reasonable expenses relating thereto.

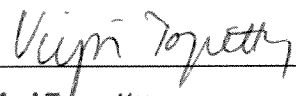
**IN WITNESS WHEREOF** the parties have executed this assignment on the date(s) stated below

SIGNED by  (signature) Date 5.9.2012  
**Ville Valtteri RANKI**

SIGNED by  (signature) Date 10.9.2012  
**Antti Paavo Tapani KAINULAINEN**

SIGNED by  (signature) Date 5.9.2012  
**Kimmo Heikki Juhana KALLIOLA**

SIGNED by  (signature) Date 5.09.2012  
**Fabio BELLONI**

SIGNED by  (signature) Date 14.2.2013  
**Virpi Tognetty**  
**Director, Patenting Operations**  
**Legal and Intellectual Property**  
\_\_\_\_\_(print name)  
on behalf of the Assignee  
**Nokia Corporation**