

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4674957

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AAPO KALLIOLA	10/25/2017
IAN JUSTIN OLIVER	10/26/2017
YOAN JEAN CLAUDE MICHE	10/25/2017
SILKE HOLTMANN	10/25/2017
AMAANAT ALI	10/25/2017
PEKKA KUURE	10/25/2017
RECEIVING PARTY DATA	
Name:	NOKIA SOLUTIONS AND NETWORKS OY
Street Address:	KARAPORTTI 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	FIN-02610
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15785915
CORRESPONDENCE DATA	
Fax Number:	(203)944-0245
<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>	
Phone:	203.925.9400
Email:	jcakra@hspatent.com
Correspondent Name:	HARRINGTON & SMITH, ATTORNEYS AT LAW, LL
Address Line 1:	4 RESEARCH DRIVE, SUITE 202
Address Line 4:	SHELTON, CONNECTICUT 06484-6212
ATTORNEY DOCKET NUMBER:	863.1334.U1(US)
NAME OF SUBMITTER:	MARK HARRINGTON
SIGNATURE:	/mark harrington/
DATE SIGNED:	11/06/2017
Total Attachments: 8	

source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif
source=Assignment#page5.tif
source=Assignment#page6.tif
source=Assignment#page7.tif
source=Assignment#page8.tif

A S S I G N M E N T

For good and valuable consideration, I/we, the undersigned

Assignor 1)
Aapo Kalliola
residing at:
Otsolahdentie 16 A 44
02110 Espoo
FINLAND

Assignor 2)
Ian Justin Oliver
residing at:
Hitantie 153
01150 Söderkulla
FINLAND

Assignor 3)
Yoan Jean Claude Miche
residing at:
Joupinmäenkuja 3 B40
02760 Espoo
FINLAND

Assignor 4)
Silke Holtmanns
residing at:
Härkäpurontie 15
01800 Klaukkala
FINLAND

Assignor 5)
Amaanat Ali
residing at:
Likusterikatu 1B 44
02250 Espoo
FINLAND

Assignor 6)
Pekka Kuure
residing at:
Ryijytie 8 B 1
2750 Espoo
FINLAND

hereby sell, assign, and transfer to

Nokia Solutions and Networks Oy

a Finnish corporation organized and existing under the laws of FINLAND , having its principal place of business in ESPOO , FINLAND herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **DETECTION AND MITIGATION OF SIGNALLING ANOMALIES IN WIRELESS NETWORK**

disclosed in the application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. 2016P00359 US

Serial No.

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of

IDNR: 2589 / 15.10.2010/gel

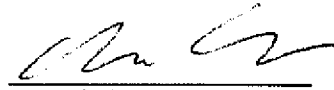
said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

2016P00359 US

3/8

Assignor 1)

Date: 25.10.2017



Aapo Kalliola

2016P00359 US

4/8

Assignor 2)

Date: 26.10.2017



Ian Justin Oliver

2016P00359 US

5/8

Assignor 3)

Date: 25/10/2017



Yoan Jean Claude Miche

2016P00359 US

6/8

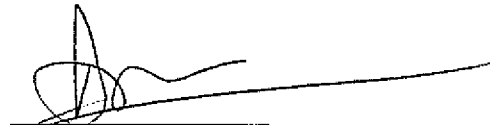
Assignor 4)

Date: 25.10.2012

Silke Holtmanns
Silke Holtmanns

Assignor 5)

Date: 25.OCT.17



Amaanat Ali

2016P00359 US

8/8

Assignor 6)

Date: 25/10/2017



Pekka Kuure