

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2979554

| | |
|---|---------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| TIMO ERKKI LUNTTILA | 07/24/2014 |
| ESA TAPANI TIIROLA | 08/07/2014 |
| KARI PEKKA PAJUKOSKI | 08/04/2014 |
| 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: | 14349411 |
| 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 |
| Address Line 1: | 4 RESEARCH DRIVE, SUITE 202 |
| Address Line 4: | SHELTON, CONNECTICUT 06484-6212 |
| ATTORNEY DOCKET NUMBER: | 863.0406.U1(US) |
| NAME OF SUBMITTER: | MARK HARRINGTON |
| SIGNATURE: | /mark harrington/ |
| DATE SIGNED: | 08/13/2014 |
| Total Attachments: 5 | |
| source=Assignment#page1.tif | |
| source=Assignment#page2.tif | |
| source=Assignment#page3.tif | |
| source=Assignment#page4.tif | |
| source=Assignment#page5.tif | |

PATENT

A S S I G N M E N T

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

Assignor 1)
Timo Erkki Lunttila
residing at:
Tontunmäentie 34 F
02200 Espoo
FINLAND

Assignor 2)
Esa Tapani Tiirola
residing at:
Porttikellonkuja 12
90450 Kempele
FINLAND

Assignor 3)
Kari Pekka Pajukoski
residing at:
Purantie 3
90240 Oulu
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:) **IMPROVED PUCCH MULTIPLEXING SCHEME**

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

Applicants File No. 2011P01736WOUS
US-/PCT-Application No. 14/349,411

IDNR: 2589
HE 10 011111/10

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 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.

2011P01736WOUS

3/5

Assignor 1)

Date: 24/7/2019

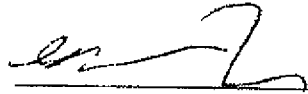
Timo Erkki Lunttila
Timo Erkki Lunttila

2011P01736WOUS

4/5

Assignor 2)


Date: 7.8.2014



Esa Tapani Tiirola

Assignor 3)

Date: 4.8.2014



Kari Pekka Pajukoski