506355867 11/16/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6402621 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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MALGORZATA TOMALA	10/01/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16476202

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DATE SIGNED:	11/16/2020

Total Attachments: 4

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PATENT 506355867 REEL: 054375 FRAME: 0452

ASSIGNMENT

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

Tero Henttonen Malgorzata Tomala Amaanat Ali

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):

PERFORMANCE INDICATOR FOR INTERWORKING RADIO ACCESS TECHNOLOGIES

The PATENT	RIGHTS referred to in this agreement are: a national Patent Application No. European Patent Application No. PCT application No.	filed on filed on filed on		
for this invention, executed by the ASSIGNOR(S) X U.S. Patent Application Serial No. 62/442619 filed January 05, 2017. U.S. Patent No, issued				
The PATENT XXX	RIGHTS assigned under this agreement are: U.S. Patent rights worldwide Patent rights. In this case, the assig benefit of the filling date of any Patent Applicati 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: 054375 FRAME: 0453 NC102164

[Amaanat Ali]

Witness Signature Teemu Veijalainen

10-03-2017

Date

MoJapanodo Tomalo	10/01/2017
[Malgorzata Tomala]	Date
Vitness Signature Printed Name JEDRZES STANCZAK	10/01/2017 Date

PATENT REEL: 054375 FRAME: 0455

NC102164

19-1-2017 Date

Witness Signature Printed Name _ Rikka Nurminen Date

PATENT REEL: 054375 FRAME: 0456

RECORDED: 11/16/2020