

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7118749

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TECHNISCHE UNIVERSITÄT MÜNCHEN	03/05/2021
RECEIVING PARTY DATA	
Name:	NOKIA SOLUTIONS AND NETWORKS OY
Street Address:	KARAKAARI 7
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17195485
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	Nokia.IPR@nokia.com
Correspondent Name:	NOKIA OF AMERICA CORPORATION
Address Line 1:	600-700 MOUNTAIN AVENUE
Address Line 4:	MURRAY HILL, NEW JERSEY 07974-0636
ATTORNEY DOCKET NUMBER:	321867-US-NP
NAME OF SUBMITTER:	MUKESH KUMAR SRIWASTAVA
SIGNATURE:	/Mukesh Kumar Sriwastava/
DATE SIGNED:	01/13/2022
Total Attachments: 2	
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source=NC321867 Executed assignment between Nokia and TUM without Audit report#page2.tif	

INVENTION ASSIGNMENT

This Assignment is effective as by contract "Frame Agreement" dated 23.06.2009 between

Assignor **TECHNISCHE UNIVERSITÄT MÜNCHEN**, Arcisstr. 21, 80333 Munich, Germany,

and

Assignee **NOKIA SOLUTIONS AND NETWORKS OY**, Karakaari 7, 02610 Espoo, Finland, a corporation organized under the laws of Finland.

We, **TECHNISCHE UNIVERSITÄT MÜNCHEN** acknowledge, that **TECHNISCHE UNIVERSITÄT MÜNCHEN** claimed full and unrestricted rights from its employees in and to the share of the Inventions listed in the attached Schedule "LIST OF ASSIGNED INVENTIONS" in accordance with that certain Frame Agreement made 23.06.2009 and the Individual Agreements between **TECHNISCHE UNIVERSITÄT MÜNCHEN** and **NOKIA SOLUTIONS AND NETWORKS OY** (formerly **NOKIA SIEMENS NETWORKS OY**) made as listed in the attached Schedule "LIST OF ASSIGNED INVENTIONS" (hereinafter "Agreement"):

TECHNISCHE UNIVERSITÄT MÜNCHEN sells, assigns, transfers and conveys to **NOKIA SOLUTIONS AND NETWORKS OY**, and its successors, all right, title, and interest in and to TUM's inventive contribution in each of the Inventions listed in the attached Schedule "LIST OF ASSIGNED INVENTIONS" and all Patents arising from the Inventions, including any and all divisionals, reissues, reexaminations, substitutions, continuations and continuation-in-part which may be granted for such Inventions as well as all foreign counterparts thereof.

This sale, assignment, transfer, and conveyance to **NOKIA SOLUTIONS AND NETWORKS OY**, and its successors and assignees, is made subject to certain retained rights in favor of **TECHNISCHE UNIVERSITÄT MÜNCHEN** for the Inventions listed in Schedule "LIST OF ASSIGNED INVENTIONS", as are set forth in the Agreement.

This Assignment may be executed by either handwritten signatures, including the exchange of scanned representations of handwritten signatures, or e-signatures. By using e-signature to sign this Assignment, the parties acknowledge that execution in this manner creates a binding contract between the parties.

WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

LIST OF ASSIGNED INVENTIONS

Nokia reference number	TECHNISCHE UNIVERSITÄT MÜNCHEN reference number	Receipt date Nokia	Title	Inventors	TUM's inventive contribution	Individual Agreement date
NC321867	#2021-02E12#	16 December 2020	ENERGY EFFICIENT, RRC STATE AWARE UPLINK RADIO RESOURCE ALLOCATION	Alba Jano (TUM) Wolfgang Kellerer (TUM) Rapeepat Ratasuk Nitin Mangalvedhe Rakash SivaSiva Ganesan	40%	2020/03/02

TECHNISCHE UNIVERSITÄT MÜNCHEN

By: *Alexandros Papaderos*
Alexandros Papaderos (Mar 4, 2021 11:29 GMT+1)
Name: Dr. Alexandros Papaderos
Title: Head of Innovation
Date: Mar 5, 2021

NOKIA SOLUTIONS AND NETWORKS OY

By: *Anna Haipola*
Anna Haipola (Feb 19, 2021 15:58 GMT+02)
Name: Anna Haipola
Title: Authorized signatory
Date: Feb 19, 2021

By: *Per Möller*
Per Möller (Feb 19, 2021 15:58 GMT+02)
Name: Per Möller
Title: Authorized signatory
Date: Feb 19, 2021