

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7125290

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
UDAYA RAJU CHOWTA	01/07/2020
BERTOLD DICKHAUS	01/07/2020
FAHAD SYED MUHAMMAD	01/09/2020
AFEF FEKI	01/07/2020
VERONIQUE CAPDEVIELLE	01/06/2020
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:	17203875
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>	
Phone:	(408) 412-2076
Email:	Staci.Ruggiero@nokia.com
Correspondent Name:	NOKIA OF AMERICA CORPORATION
Address Line 1:	600 MOUNTAIN AVE
Address Line 4:	NEW PROVIDENCE, NEW JERSEY 07974
ATTORNEY DOCKET NUMBER:	318497-US-NP
NAME OF SUBMITTER:	STACI RUGGIERO
SIGNATURE:	/Staci Ruggiero/
DATE SIGNED:	01/18/2022
Total Attachments: 5	
source=NC318497_Executed Assignment#page1.tif	

source=NC318497_Executed Assignment#page2.tif

source=NC318497_Executed Assignment#page3.tif

source=NC318497_Executed Assignment#page4.tif

source=NC318497_Executed Assignment#page5.tif

ASSIGNMENT - WORLDWIDE

ASSIGNOR(S)

Name	City	Country
Udaya Raju Chowta	Ulm	Germany
Bertold Dickhaus	Olpe	Germany
Fahad Syed Muhammad	Orsay	France
Afef Feki	Sceaux	France
Veronique Capdevielle	Magny les Hameaux	France

ASSIGNEE

Nokia Solutions and Networks Oy
Karakaari 7, 02610 Espoo, Finland

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the ASSIGNOR(S) agree to assign and hereby assign, sell, transfer and set over to the ASSIGNEE and its successors, assigns and legal representatives, the entire right, title and interest, for United States of America and for all other countries in and to (1) the invention(s) identified by the following title or application number and filing date, and (2) any and all related inventions ("RELATED INVENTIONS" as defined below).

Title of Invention: METHOD AND APPARATUS FOR "DUAL/MULTI CONNECTIVITY USER PLANE DATA SPLIT" BASED ON MACHINE LEARNING

Application Title:

Application number: _____ **Filing date:** _____
(YYYY-MM-DD)

I/we, the ASSIGNOR(S), hereby authorize and request a representative of the ASSIGNEES to insert the application title, application number and filing date when known/received, after the execution of this document. The ASSIGNOR(S) hereby acknowledge and agree that the ASSIGNEES shall have the right to claim priority, directly or through another patent application, to the application identified above in any and all related patent applications subsequently filed in all jurisdictions.

I/we the ASSIGNOR(S) hereby acknowledge and agree that RELATED INVENTIONS include all national, regional and international patent applications filed and to be filed in any and all jurisdictions, that claim priority to the invention(s) identified by the above title or application number and filing date, said patent applications include all divisionals, continuations, re-issues, re-examinations, and continuations-in-part applications, and RELATED INVENTIONS include all rights and privileges in said patent applications and under any and all letters patent that may be granted in the United States of America and in all other countries resulting from said patent applications.

The ASSIGNOR(S) authorize the ASSIGNEE to make applications for such protection in its own name and maintain such protection in any and all countries including the United States of America, and to invoke and claim for any application for patent or other form of protection for said invention(s), without further authorization from us, any and all benefits, including the rights of priority provided by any and all treaties, conventions, or agreements.

The ASSIGNOR(S) hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of the ASSIGNEE to apply for patent or other form of protection for said invention(s) and to claim the aforesaid benefit of the right of priority.

The ASSIGNOR(S) request that any and all patents for said invention(s) be issued to the ASSIGNEE, its/their successors, assigns and legal representatives, in the United States of America and in all other countries, or to such nominees as the ASSIGNEE may designate.

The ASSIGNOR(S) agree that, when requested, we shall, without charge to the ASSIGNEE sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

In witness whereof, each inventor/assignor please sign and date below:

Inventor (First Middle LAST)	Signature	Date (YYYY-MM-DD)
<u>Udaya Raju Chowta</u>	<u>[Signature]</u>	<u>07-01-2020</u>
<u>Bertold Dickhaus</u>	<u>[Signature]</u>	<u>07-01-2020</u>
<u>Fahad Syed Muhammad</u>	_____	_____
<u>Afef Feki</u>	_____	_____
<u>Veronique Capdevielle</u>	_____	_____

This assignment should preferably be signed by the inventor(s) before (a) at least two witnesses who also sign here, or (b) a Notary Public if within the U.S.A.:

Witness Name (First Middle LAST)	Signature	Date (YYYY-MM-DD)
<u>Thomas Delp</u>	<u>[Signature]</u>	<u>2020-01-07</u>
<u>RALF SCHANKO</u>	<u>[Signature]</u>	<u>2020-01-07</u>

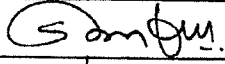

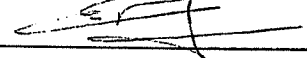
The ASSIGNOR(S) authorize the ASSIGNEE to make applications for such protection in its own name and maintain such protection in any and all countries including the United States of America, and to invoke and claim for any application for patent or other form of protection for said invention(s), without further authorization from us, any and all benefits, including the rights of priority provided by any and all treaties, conventions, or agreements.

The ASSIGNOR(S) hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of the ASSIGNEE to apply for patent or other form of protection for said invention(s) and to claim the aforesaid benefit of the right of priority.


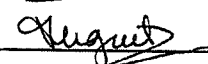
The ASSIGNOR(S) request that any and all patents for said invention(s) be issued to the ASSIGNEE, its/their successors, assigns and legal representatives, in the United States of America and in all other countries, or to such nominees as the ASSIGNEE may designate.

The ASSIGNOR(S) agree that, when requested, we shall, without charge to the ASSIGNEE sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

In witness whereof, each inventor/assignor please sign and date below:

Inventor (First Middle LAST)	Signature	Date (YYYY-MM-DD)
<u>Udaya Raju Chowta</u>	_____	_____
<u>Bertold Dickhaus</u>	_____	<u>2020-01-06</u>
<u>Fahad Syed Muhammad</u>	<u></u>	_____
<u>Afef Feki</u>	<u></u>	<u>2020-01-07</u>
<u>Veronique Capdevielle</u>	<u></u>	<u>2020-01-06</u>

This assignment should preferably be signed by the inventor(s) before (a) at least two witnesses who also sign here, or (b) a Notary Public if within the U.S.A.:

Witness Name (First Middle LAST)	Signature	Date (YYYY-MM-DD)
<u>BORIS KOUASSI</u>	<u></u>	<u>2020-01-06</u>
<u>Cécile RUGUET</u>	<u></u>	<u>2020-01-06</u>

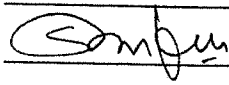
The ASSIGNOR(S) authorize the ASSIGNEE to make applications for such protection in its own name and maintain such protection in any and all countries including the United States of America, and to invoke and claim for any application for patent or other form of protection for said invention(s), without further authorization from us, any and all benefits, including the rights of priority provided by any and all treaties, conventions, or agreements.

The ASSIGNOR(S) hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of the ASSIGNEE to apply for patent or other form of protection for said invention(s) and to claim the aforesaid benefit of the right of priority.

The ASSIGNOR(S) request that any and all patents for said invention(s) be issued to the ASSIGNEE, its/their successors, assigns and legal representatives, in the United States of America and in all other countries, or to such nominees as the ASSIGNEE may designate.

The ASSIGNOR(S) agree that, when requested, we shall, without charge to the ASSIGNEE sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


In witness whereof, each inventor/assignor please sign and date below:


Inventor (First Middle LAST)	Signature	Date (YYYY-MM-DD)
<u>Udaya Raju Chowta</u>	_____	_____
<u>Bertold Dickhaus</u>	_____	_____
<u>Fahad Syed Muhammad</u>		<u>2020-01-09</u>
<u>Afef Feki</u>	_____	_____
<u>Veronique Capdevielle</u>	_____	_____

This assignment should preferably be signed by the inventor(s) before (a) at least two witnesses who also sign here, or (b) a Notary Public if within the U.S.A.:

Witness Name (First Middle LAST)	Signature	Date (YYYY-MM-DD)
<u>Sajid SOORMALLY</u>		<u>2020-01-09</u>
<u>Lamart VALLETTE</u>		<u>2020-01-09</u>

The ASSIGNEE accepts this assignment:

Name Nico van Waes Signature 
Title Head of Technology Area, Patenting Date (YYYY-MM-DD) FEB 05 2020

Name Yan Wang Signature 
Title Manager, Patenting Date (YYYY-MM-DD) FEB 05 2020