507255815 04/28/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT7302736 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAKOB HOYDIS	06/05/2019
FAYCAL AIT AOUDIA	06/05/2019
MAXIMILIAN STARK	06/06/2019

RECEIVING PARTY DATA

Name:	NOKIA TECHNOLOGIES OY	
Street Address:	KARAKAARI 7	
City:	ESPOO	
State/Country:	FINLAND	
Postal Code:	02610	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17613578

CORRESPONDENCE DATA

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Email:docketing@faysharpe.comCorrespondent Name:FAY SHARPE LLP / NOKIAAddress Line 1:1228 EUCLID AVENUE

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ATTORNEY DOCKET NUMBER: LUTZ 202415US01/316635

NAME OF SUBMITTER: JOSEPH D. DREHER

SIGNATURE: /JOSEPH D. DREHER/

DATE SIGNED: 04/28/2022

Total Attachments: 3

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PATENT 507255815 REEL: 059766 FRAME: 0791

ASSIGNMENT - WORLDWIDE

ASSIGNOR(S)
Jakob Hoydis, Paris, France
Faycal Ait Aoudia, Saint-Cloud, France
Maximilian Stark, Massy, France
ASSIGNEE

Nokia Technologies Oy Karaportti 3, 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: LEARNING IN COMMUNICATION SYSTEMS

Application number: WO PCT/EP2019/064146 Filing date: 2019-05-30

I/we, the ASSIGNOR(S), hereby authorize and request a representative of the ASSIGNEE to insert the application number and filing date when known/received, after the execution of this document. The ASSIGNOR(S) hereby acknowledge and agree that the ASSIGNEE 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, reexaminations, 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.

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v-14Dec18

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)	
Jakob Hoydis	J. Kyl	2019-06-05	
Faycal Ait Aoudia	Ait-Abudi	2014-06-05	
Maximilian Stark			
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)	
ALBERTO CONTG	Aller Cub	05 2069-06-0S	
Puc Hung LUONG	hum	2019 -06 - 05	

	The ASSIGNEE accepts this assignment:	
Name _	Nico van Waes Head of Technology Area, Patenting	Signature
Name _ Title	Yan Wang Manager, Patenting	Signature

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v-14Dec18

NC316635-WO-PCT

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)	
Jakob Hoydis			
Faycal Ait Aoudia			
Maximilian Stark	- Grad	2019-06-06	
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)	
Anne Hagekakun	Althouseon	2019-06-06	
Jan-Christoph BRUMM		2019-06-06	
The ASSIGNEE accepts this assignment:			
Name	Signature		
Title			
Name	Signature		
Title			

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