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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name	Execution Date	
RAINER FALK			11/26/2020	
STEFFEN FRIES			11/27/2020	
JOACHIM WALEWSK	[]		11/26/2020	
RECEIVING PARTY [ΔΤΑ			
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Street Address:	WERNE	R-VON-SIEMENS STRASSE 1		
City:	MÜNCHE	EN		
State/Country:	GERMAN	JY		
Postal Code:	80333			
Property Type		Number		
Application Number: 1697		6973978		
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CORRESPONDENCE	DATA	18)220-1857		
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ASSIGNMENT

For good and valuable consideration, I (We), Rainer Falk, residing at Primelweg 9, Poing, 85586, DE, citizen of DE Steffen Fries, residing at Eberweg 3, Baldham, 85598, DE, citizen of DE Joachim Walewski, residing at Hofmarkweg 3, Unterhaching, 82008, DE, citizen of DE

hereafter individually or collectively referred to as "Assignor(s)"; hereby

- (1) (A) acknowledge having previously assigned, sold and transferred to Siemens Aktiengesellschaft, a corporation organized and existing under the laws of GERMANY, having its principal place of business at Werner-von-Siemens-Straße 1, München, 80333, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to
 - (i) the laws of GERMANY or

(ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, if any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B) (i) to the extent such laws of GERMANY or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or

(ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest;

then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives,

(i) the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s). I/we hereby authorize the Assignee or its designee to insert below the information when known

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Docket No.: 2018P12098WOUS Page 2 of 3

Patent Application Title: Setting up access authorisation to access a subnetwork of a mobile radio network Filing Date: 05 Jun 2019 Filing Number: PCT/EP2019/064682 Internal Case Number(s): 2018P12098WOUS

and

(ii) in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and

(iii) in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

- (2) agree that said Assignee may apply for and receive Letters Patent for said inventions and/or 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 assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or 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 inventions and/or 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 inventions and/or improvements and for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and
- (3) 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 has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

	Falk Rainer vorstak statier (2001) Falk Rainer Falk ra
Witness Signature	Rainer Falk
printed name	Date
Witness Signature	Steffen Fries
waress olgnature	Slenen rhes
printed name	Date

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Witness Sign	ature	Joachim Walewski	
printed name		Date	
Companies R Siemens Aktie	epresentative(s) ngesellschaft	Digital unterschrieben von Renner	
Signature(s):	Klinger Strains	Elvira	
Name(s):	Katharina Control Data and Control Data	2021.02.02 12:33:46 +01'00'	
Title:	Both authorized officers		
Date:			

ASSIGNMENT

For good and valuable consideration, I (We), Rainer Falk, residing at Primelweg 9, Poing, 85586, DE, citizen of DE Steffen Fries, residing at Eberweg 3, Baldham, 85598, DE, citizen of DE Joachim Walewski, residing at Hofmarkweg 3, Unterhaching, 82008, DE, citizen of DE

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 - (i) the laws of GERMANY or

(ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, if any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B) (i) to the extent such laws of GERMANY or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or

(ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest;

then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives,

(i) the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s). I/we hereby authorize the Assignee or its designee to insert below the information when known

Docket No.: 2018P12098WOUS Page 2 of 3

Patent Application Title: Setting up access authorisation to access a subnetwork of a mobile radio network Filing Date: 05 Jun 2019 Filing Number: PCT/EP2019/064682 Internal Case Number(s): 2018P12098WOUS

and

(ii) in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and

(iii) in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

- (2) agree that said Assignee may apply for and receive Letters Patent for said inventions and/or 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 assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or 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 inventions and/or 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 inventions and/or improvements and for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and
- (3) 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 has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness Signature	Rainer Falk
printed name	Date
	Digitally signed by Fries Steffen Date: 2020.11.27 18:58:17 +01'00'
Witness Signature	Steffen Fries
printed name	Date

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		Docket No.: 2018P12098WOUS Page 3 of 3		
		Walewski Digitally signed by Walewski Joachim Date: 2020.11.26 09:48:48 +01'00'		
Witness Signature		Joachim Walewski		
printed name		Date		
Companies R Siemens Aktie Signature(s):	- Klinger Manaria Digital unterschreben von Klinger Manaria Di sevicifunterschreben zum	Renne Digital unterschrieben von Renner Elvira r Elvira 12:34:15 +01'00'		
Name(s): Title:	Katharina	5 8000 5 ¥ 2 3 403 (2:34:15 ±0) 00		
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