

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6606635

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
STEPHAN HÖME	09/17/2020
MARCEL KIESSLING	09/21/2020
AN NINH NGUYEN	09/24/2020
JÜRGEN SCHMITT	03/01/2021
FRANK VOLKMANN	09/21/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SIEMENS AKTIENGESELLSCHAFT
<b>Street Address:</b>	WERNER-VON-SIEMENS-STR. 1
<b>City:</b>	MÜNCHEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	80333
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17045139
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)291-0864
<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>	
<b>Phone:</b>	3122910860
<b>Email:</b>	nsmith@lsk-iplaw.com, docket-us@lsk-iplaw.com
<b>Correspondent Name:</b>	LEMPIA SUMMERFIELD KATZ LLC
<b>Address Line 1:</b>	20 S. CLARK ST.
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<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60603
<b>ATTORNEY DOCKET NUMBER:</b>	11371-20149A
<b>NAME OF SUBMITTER:</b>	KYLE BRYAN
<b>SIGNATURE:</b>	/Kyle Bryan/
<b>DATE SIGNED:</b>	03/17/2021
<b>Total Attachments: 15</b>	

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**ASSIGNMENT**

For good and valuable consideration, I (We),

**Stephan Höme**, residing at Dr.-Gustav-Heinemann-Str. 26, Schwabach, 91126, DE, citizen of DE

**Marcel Kießling**, residing at Ahornweg 1, Velden, Bayern 91235, DE, citizen of DE

**An Ninh Nguyen**, residing at Wilhelm-Busch-Straße 17, Nürnberg, 90427, DE, citizen of VN

**Jürgen Schmitt**, residing at Unterfürberger Straße 93a, Fürth, 90768, DE, citizen of DE

**Frank Volkmann**, residing at Preysingstr. 15, Nürnberg, 90475, 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

Patent Application Title: **DATA TRANSMISSION IN TIME-SENSITIVE DATA NETWORKS**

Filing Date: **03 Apr 2019**

Filing Number: **PCT/EP2019/058364**

Internal Case Number(s): **2018P07397WOUS**

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

  
Stephan Hölme

Nadine Hölme  
printed name

17.09.2020  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Marcel Kießling

\_\_\_\_\_  
printed name

\_\_\_\_\_  
Date

Witness Signature

An Ninh Nguyen

printed name

Date

Witness Signature

Jürgen Schmitt

printed name

Date

Witness Signature

Frank Volkmann

printed name

Date

Companies Representative(s)  
Siemens Aktiengesellschaft

Signature(s):

Klinger

Katharin

a

Name(s):

Renne

r Elvira

Title:

Both authorized officers

Date:

Digital unterschrieben von  
Klinger Katharina  
DN:  
serialNumber=200055G  
givenName=Katharina,  
initials=K, o=Siemens,  
st=Klinger Katharina  
Datum: 2021.03.10 12:01:46  
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Digital unterschrieben  
von Renner Elvira  
DN:  
serialNumber=200055G  
givenName=Elvira,  
initials=RE, o=Siemens,  
cn=Renner Elvira  
Datum: 2021.03.12  
14:21:33 +01'00'

CSA

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Patent Application Title: DATA TRANSMISSION IN TIME-SENSITIVE DATA NETWORKS

Filing Date: 03 Apr 2019

Filing Number: PCT/EP2019/058364

Internal Case Number(s): 2018P07397WOUS

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.

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Witness Signature

\_\_\_\_\_  
Stephan Hóme

\_\_\_\_\_  
printed name

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness Signature

  
\_\_\_\_\_  
Marcel Kießling

  
\_\_\_\_\_  
printed name

  
\_\_\_\_\_  
Date

Witness Signature

An Ninh Nguyen

printed name

Date

Witness Signature

Jürgen Schmitt

printed name

Date

Witness Signature

Frank Volkmann

printed name

Date

Companies Representative(s)  
Siemens Aktiengesellschaft

Signature(s):

Klinger

Katharina

Name(s):

Renne  
r Elvira

Digital unterschrieben von  
Renne Elvira  
DN:  
serialNumber=700055G0,  
givenName=Elvira,  
sn=Renne, o=Siemens,  
cn=Renne Elvira  
Datum: 2021.03.12 14:22:03  
+01'00'

Title:

Both authorized officers

Date:

PATENT

REEL: 055626 FRAME: 0841



## ASSIGNMENT

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**Marcel Kießling**, residing at Ahornweg 1, Velden, Bayern 91235, DE, citizen of DE

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Patent Application Title: **DATA TRANSMISSION IN TIME-SENSITIVE DATA NETWORKS**

Filing Date: **03 Apr 2019**

Filing Number: **PCT/EP2019/058364**

Internal Case Number(s): **2018P07397WOUS**

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

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- (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
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Witness Signature

\_\_\_\_\_  
Stephan Hölme

\_\_\_\_\_  
printed name

\_\_\_\_\_  
Date

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Witness Signature

\_\_\_\_\_  
Marcel Kießling

\_\_\_\_\_  
printed name

\_\_\_\_\_  
Date

Chen  
Witness Signature

Feng Chen  
printed name

An Ninh Nguyen  
An Ninh Nguyen

24.09.2020  
Date

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Witness Signature

\_\_\_\_\_  
printed name

\_\_\_\_\_  
Jürgen Schmitt

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
printed name

\_\_\_\_\_  
Frank Volkmann

\_\_\_\_\_  
Date

Companies Representative(s)  
Siemens Aktiengesellschaft

Signature(s):

Klinger

Katharin

Name(s):

a

Title:

Both authorized officers

Date:

Renne  
r Elvira

Digital unterschrieben von  
Renne Elvira  
DN:  
serialNumber=200055GO,  
givenName=Elvira,  
sn=Renne, o=Siemens,  
cn=Renne Elvira  
Datum: 2021.03.12 14:22:37  
+01'00'

### ASSIGNMENT

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Stephan Höme, residing at Dr.-Gustav-Heinemann-Str. 26, Schwabach, 91126, DE, citizen of DE  
Marcel Kießling, residing at Ahornweg 1, Velden, Bayern 91235, DE, citizen of DE  
An Ninh Nguyen, residing at Wilhelm-Busch-Straße 17, Nürnberg, 90427, DE, citizen of VN  
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Witness Signature

\_\_\_\_\_  
Stephan Hölme

\_\_\_\_\_  
printed name

\_\_\_\_\_  
Date

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Witness Signature

\_\_\_\_\_  
Marcel Kießling

\_\_\_\_\_  
printed name

\_\_\_\_\_  
Date

PATENT

REEL: 055626 FRAME: 0846

Witness Signature

An Ninh Nguyen

printed name

Date

Witness Signature

Jürgen Schmitt

printed name

Date

Witness Signature

Frank Volkmann

printed name

Date

Companies Representative(s)  
Siemens Aktiengesellschaft

Signature(s):

Klinger

Name(s):

Katharina

Title:

Both authorized officers

Date:

Renne  
r Elvira

Digital unterschrieben von  
Renne Elvira  
DN:  
serialNumber=Z00055G0,  
givenName=Elvira,  
sn=Renne, o=Siemens,  
cn=Renne Elvira  
Datum: 2021.03.12 14:23:07  
+01'00'

PATENT

REEL: 055626 FRAME: 0847

## ASSIGNMENT

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- (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

## Patent Application Title: DATA TRANSMISSION IN TIME-SENSITIVE DATA NETWORKS

Filing Date: 03 Apr 2019

Filing Number: PCT/EP2019/058364

Internal Case Number(s): 2018P07397WOUS

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\_\_\_\_\_  
Stephan Hölme\_\_\_\_\_  
printed name\_\_\_\_\_  
Date\_\_\_\_\_  
Witness Signature\_\_\_\_\_  
Marcel Kießling\_\_\_\_\_  
printed name\_\_\_\_\_  
Date



Witness Signature

An Ninh Nguyen

printed name

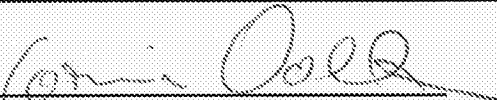
Date

Witness Signature

Jürgen Schmitt

printed name

Date



Witness Signature



Frank Volkmann

Corinna Volkmann

printed name

21.9.2020

Date

Companies Representative(s)  
Siemens Aktiengesellschaft

Signature(s):

Klinger

Katharina

a

Name(s):

Renne

r Elvira

Title:

Both authorized officers

Date:

PATENT

RECORDED: 03/17/2021

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