

PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI84820

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dr. Asa MacWilliams	01/04/2023
Dr. Daniel Labisch	11/11/2022
Dr. Joseph Newman	02/14/2023
Dr. Andreas Hutter	11/23/2022
RECEIVING PARTY DATA	
Company Name:	Siemens Aktiengesellschaft
Street Address:	Werner-von-Siemens-Strasse 1
City:	Muenchen
State/Country:	GERMANY
Postal Code:	80333
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17916970
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:	5124023575
Email:	trosson@sgbfirm.com
Correspondent Name:	Todd A Rosson
Address Line 1:	401 Congress Ave
Address Line 2:	Suite 1650
Address Line 4:	Austin, TEXAS 78701
ATTORNEY DOCKET NUMBER:	03869.119624_1
NAME OF SUBMITTER:	Todd Rosson
SIGNATURE:	Todd Rosson
DATE SIGNED:	03/11/2024
Total Attachments: 12	
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ASSIGNMENT

For good and valuable consideration, I (We),

Dr. Asa MacWilliams, residing at Am Sulzbogen 44, Fürstenfeldbruck, 82256, DE, citizen of US

Dr. Daniel Labisch, residing at Spechtweg 14, Karlsruhe, 76149, DE, citizen of DE

Dr. Joseph Newman, residing at Oskar-von-Miller-Str. 17a, Unterhaching, 82008, DE, citizen of GB

Dr. Andreas Hutter, residing at Sturmbergweg 42, München, 81673, 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, Germany, 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,

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LMH

PATENT

REEL: 066716 FRAME: 0898

Patent Application Title: **Aligning and augmenting a partial subspace of a physical infrastructure with at least one information element**

Filing Date: **30 Mar 2021**

Filing Number: **PCT/EP2021/058219**

Internal Case Number(s): **2020P05924WOUS**

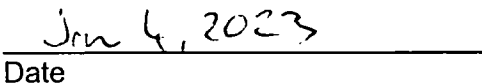
and

(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.


Dr. Asa MacWilliams


Date

Dr. Daniel Labisch

Date



Dr. Joseph Newman

Date

Dr. Andreas Hutter

Date

Companies Representative(s)
Siemens Aktiengesellschaft

Signature(s):	<u>Haberl</u>	<small>Digital unterschrieben von Haberl Oliver</small>	<u>Klinger</u>	<small>Digital unterschrieben von Klinger Katharina</small>
Name(s):	<u>Oliver</u>	<small>Grund: i.V. Datum: 2023.02.21 08:34:53 +01'00'</small>	<u>Katharina</u>	<small>Grund: i.V. Datum: 2023.02.20 16:47:52 +01'00'</small>
Title:	<u>Both authorized signatories</u>			
Date:	_____			

LMH

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Dr. Asa MacWilliams, residing at Am Sulzbogen 44, Fürstenfeldbruck, 82256, DE, citizen of US

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Dr. Andreas Hutter, residing at Sturmweg 42, München, 81673, DE, citizen of DE

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- (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

LMH

Patent Application Title: **Aligning and augmenting a partial subspace of a physical infrastructure with at least one information element**

Filing Date: **30 Mar 2021**

Filing Number: **PCT/EP2021/058219**

Internal Case Number(s): **2020P05924WOUS**

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
- (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.

Dr. Asa MacWilliams

Date

Labisch Daniel Digital unterschrieben von Labisch
Daniel
Datum: 2022.11.11 07:58:25 +01'00'

Dr. Daniel Labisch

Date

LMH

Dr. Joseph Newman

Date

Dr. Andreas Hutter

Date

Companies Representative(s)
Siemens Aktiengesellschaft

Signature(s):	Haberl	<small>Digital unterschrieben von Haberl Oliver</small>	Klinger	<small>Digital unterschrieben von Klinger Katharina</small>
Name(s):	Oliver	<small>Grund: i.V. Datum: 2023.02.21 08:35:25 +01'00'</small>	Katharina	<small>Grund: i.V. Datum: 2023.02.20 16:48:29 +01'00'</small>

Title: Both authorized signatories

Date: _____

LMH

ASSIGNMENT

For good and valuable consideration I (We),

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LMH

Patent Application Title **Aligning and augmenting a partial subspace of a physical infrastructure with at least one information element**

Filing Date **30 Mar 2021**

Filing Number **PCT/EP2021/058219**

Internal Case Number(s) **2020P05924WOUS**

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Dr. Asa MacWilliams

Date

Dr. Daniel Labisch

Date

LMH

Dr. Joseph Newman

Date

Dr. Andreas Hutter

Date

Companies Representative(s)
Siemens Aktiengesellschaft

Signature(s)

Haberl

Digital
unterscriben von
Haberl Oliver
Grund: I.V.
Datum: 2023.02.21
08:35:58 +01'00'

Klinger

Katharina

Digital
unterscriben von
Klinger Katharina
Grund: I.V.
Datum: 2023.02.20
16:48:59 +01'00'

Name(s)

Oliver

Title

Both authorized signatories

Date

LMH

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Patent Application Title: **Aligning and augmenting a partial subspace of a physical infrastructure with at least one information element**

Filing Date: **30 Mar 2021**

Filing Number: **PCT/EP2021/058219**

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Dr. Asa MacWilliams

Date

Dr. Daniel Labisch

Date

LMH

Dr. Joseph Newman

Date

Andreas Hutter
Dr. Andreas Hutter

23. Nov. 2022
Date

Companies Representative(s)
Siemens Aktiengesellschaft

Signature(s): Haberl Digital unterschrieben von Haberl Oliver Klinger Katharina Digital unterschrieben von Klinger Katharina Grund: i.V. Datum: 2023.02.20 16:49:34 +01'00'

Name(s): Oliver na

Title: Both authorized signatories

Date: _____

LMH

RECORDED: 03/11/2024

PATENT
REEL: 066716 FRAME: 0909