506646891 05/05/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6693701

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARCO GIERDEN	01/14/2021
THOMAS HENNEFELDER	03/03/2021
CHRIS HOFMANN	01/21/2021
MICHAEL JAENTSCH	01/18/2021
SVEN ROTHE	01/15/2021
CARSTEN SPINDLER	01/25/2021

RECEIVING PARTY DATA

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:	17097286

CORRESPONDENCE DATA

Fax Number: (212)972-5487

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.

Phone: 2128834600

Email: jbaltimore@cozen.com **Correspondent Name:** COZEN O'CONNOR

3 WTC, 175 GREENWICH STREET Address Line 1:

Address Line 2: 55TH FLOOR

Address Line 4: NEW YORK, NEW YORK 10007

ATTORNEY DOCKET NUMBER:	5029-1788PDIV/498867
NAME OF SUBMITTER:	ALPHONSO A. COLLINS
SIGNATURE:	/Alphonso A. Collins/
DATE SIGNED:	05/05/2021

Total Attachments: 18 source=5029-1788PDIV_Assignment#page1.tif source=5029-1788PDIV Assignment#page2.tif source=5029-1788PDIV_Assignment#page3.tif source=5029-1788PDIV_Assignment#page4.tif source=5029-1788PDIV_Assignment#page5.tif source=5029-1788PDIV_Assignment#page6.tif source=5029-1788PDIV_Assignment#page7.tif source=5029-1788PDIV_Assignment#page8.tif source=5029-1788PDIV Assignment#page9.tif source=5029-1788PDIV_Assignment#page10.tif source=5029-1788PDIV_Assignment#page11.tif source=5029-1788PDIV_Assignment#page12.tif source=5029-1788PDIV Assignment#page13.tif source=5029-1788PDIV_Assignment#page14.tif source=5029-1788PDIV_Assignment#page15.tif source=5029-1788PDIV_Assignment#page16.tif source=5029-1788PDIV Assignment#page17.tif source=5029-1788PDIV Assignment#page18.tif

Page 1 of 3

ASSIGNMENT

For good and valuable consideration, I (We).

Marco Gierden, residing at Birkenweg 15, Oberreichenbach. 91097, DE, citizen of DE Thomas Hennefelder, residing at Deutenheim 35, Markt Sugenheim, 91484, DE, citizen of DE Chris Hofmann, residing at Büsnauerstr. 32, Stuttgart, 70563, DE, citizen of DE Michael Jaentsch, residing at 54 Coriander Drive, Princeton, NJ 08540, US, citizen of DE Sven Rothe, residing at Landhausstraße 35, Korntal-Münchingen, 70825, DE, citizen of DE Carsten Spindler, residing at Am Wolfsmantel 12, Erlangen, 91058, DE, citizen of DE

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

- (A) acknowledge having previously assigned, sold and transferred to Siemens (1) 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

IDNR: 1930 / 21 05 2015

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Page 2 of 3

Patent Application Title: METHOD FOR CONTROLLING A MOVEMENT, A CONTROL DEVICE, A LINEAR DRIVE, A PRODUCTION MACHINE, A PACKAGING MACHINE AND A COMPUTER PROGRAM PRODUCT

Filing Date: 14 Nov 2016 Filing Number: 17/097,286

Internal Case Number(s): 2015P22864 US

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 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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Marco Gierden	
Date	
Thomas Hennefelder	
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PATENT REEL: 056144 FRAME: 0946

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Page 3 of 3

Chris Hofmani	n		
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Michael Jaents	sch		
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Sven Rothe			
Date	***************************************		
Carsten Spind	ler		
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Companies R Siemens Aktie	epresentative(s) ngesellschaft	Renne Digital unterschrieben von Renner Elvira DN: seralNumber=200055GO.	
Signature(s):	Orgital unterschrieben von Singer Katharina DN: seriedeumber-zunu46Fz,	givenName=Elvita, sn=Renner, o=Siemens.	_
Name(s):	Katharina Grandinger, collegents, Debreats, Datemark, Da	F EIVITA Datum 2021-03 05 10:01:47	-
Title:	Both authorized offic	ers	-
Date:			

Page 1 of 3

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IDNR: 1930 / 21 05 2015

Page 2 of 3

Patent Application Title: METHOD FOR CONTROLLING A MOVEMENT, A CONTROL DEVICE, A LINEAR DRIVE, A PRODUCTION MACHINE, A PACKAGING MACHINE AND A COMPUTER PROGRAM PRODUCT

Filing Date: 14 Nov 2016 Filing Number: 17/097,286

Internal Case Number(s): 2015P22864 US

and

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- (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;
- 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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Marco Gierden			
Date			
<i>∏∆mas Kennefelder</i> Thomas Hennefelder			
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Date			

PATENT REEL: 056144 FRAME: 0949

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Docket No.: **2015P22864 US** Page 3 of 3

Chris Hofmann				
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Title:	Both authorized offic	ers		9999°,
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Page 1 of 3

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IDNR: 1930 / 21.05.2015 PATENT REEL: 056144 FRAME: 0951

Page 2 of 3

Patent Application Title: METHOD FOR CONTROLLING A MOVEMENT, A CONTROL DEVICE, A LINEAR DRIVE, A PRODUCTION MACHINE, A PACKAGING MACHINE AND A COMPUTER PROGRAM PRODUCT

Filing Date: 14 Nov 2016

Filing Number: 17/097,286

Internal Case Number(s): 2015P22864 US

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Marco Gierden		
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Thomas Hennefelder	-	
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Docket No.: 2015P22864 US Page 3 of 3

Chris Hofmann	
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Michael Jaentsch	
Date	
Sven Rothe	
Date	
Carsten Spindler	
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Katharina distribution in militari Name(s):	r Elvira cr-Rennes Bulra Darum 2021 (33.05 10:03:03 401'00'
Title; <u>Both authorized offic</u> Date:	cers

Page 1 of 3

ASSIGNMENT

For good and valuable consideration, I (We),

Marco Gierden, residing at Birkenweg 15, Oberreichenbach, 91097, DE, citizen of DE
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Filing Date: 14 Nov 2015 Filing Number: 17/097,286

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Marco Gierden
Date
Thomas Hennefelder
Date

Docket No.: **2015P22864_US** Page 3 of 3

Date Carsien Spindler	Chris Hofman	ß			
Michael Jaentsch ///// /202/ Date Sven Rothe Date Carsten Spindler Carsten Spindler Date Companies Representative(s) Siemens Aktiengesellschaft					
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Title: Both authorized officers Date:	Title:	Both authorized off	icers		

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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

IDNR: 1930 / 21.05.2015 PATENT REEL: 056144 FRAME: 0957

Page 2 of 3

Patent Application Title: METHOD FOR CONTROLLING A MOVEMENT, A CONTROL DEVICE, A LINEAR DRIVE, A PRODUCTION MACHINE, A PACKAGING MACHINE AND A COMPUTER PROGRAM PRODUCT

AND A COMPOTER PROGRAM

Filing Date: **14 Nov 2016** Filing Number: **17/097,286**

Internal Case Number(s): 2015P22864 US

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.

Marco Gierden	••••	
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Thomas Hennefelder		
Date		

Page 3 of 3

Chris Hofmanı	n	
Date		
Michael Jaents	sch	
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Title:	Both authorized officers	
Date:		

Page 1 of 3

ASSIGNMENT

For good and valuable consideration, I (We),

Marco Gierden, residing at Birkenweg 15, Oberreichenbach, 91097, DE, citizen of DE

Thomas Hennefelder, residing at Deutenheim 35, Markt Sugenheim, 91484, DE, citizen of DE

Chris Hofmann, residing at Büsnauerstr. 32, Stuttgart, 70563, DE, citizen of DE

Michael Jaentsch, residing at 54 Coriander Drive, Princeton, NJ 08540, US, citizen of DE

Sven Rothe, residing at Landhausstraße 35, Korntal-Münchingen, 70825, DE, citizen of DE

Carsten Spindler, residing at Am Wolfsmantel 12, Erlangen, 91058, 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

IDNR: 1930 / 21.05.2015 PATENT REEL: 056144 FRAME: 0960

Page 2 of 3

Patent Application Title: METHOD FOR CONTROLLING A MOVEMENT, A CONTROL DEVICE, A LINEAR DRIVE, A PRODUCTION MACHINE, A PACKAGING MACHINE AND A COMPUTER PROGRAM PRODUCT

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Filing Date: **14 Nov 2016** Filing Number: **17/097,286**

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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;
- 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.

Marco Gierden		
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