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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOBIAS HINTZ	09/20/2017
ALEXANDER PFAFFINGER	09/13/2017
CHRISTIAN ROYER	09/13/2017

RECEIVING PARTY DATA

Name:	SIEMENS AKTIENGESELLSCHAFT	
Street Address:	WERNER-VON-SIEMENS-STRASSE 1	
City:	MÜNCHEN	
State/Country:	GERMANY	
Postal Code:	80333	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15566081

CORRESPONDENCE DATA

Fax Number: (518)220-1857

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: 518-220-1850

Email: az5409@iplawusa.com

SCHMEISER, OLSEN & WATTS LLP **Correspondent Name:**

Address Line 1: 22 CENTURY HILL DRIVE

Address Line 2: SUITE 302

Address Line 4: LATHAM, NEW YORK 12110

ATTORNEY DOCKET NUMBER: 80000.00438-NY **NAME OF SUBMITTER:** JASON A. MURPHY SIGNATURE: /Jason A. Murphy/ **DATE SIGNED:** 10/12/2017

Total Attachments: 6

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ASSIGNMENT

For good and valuable consideration, I (We),

Tobias Hintz, residing at Hauptstr. 140, Lindenfels, 64678, DE, citizen of DE **Alexander Pfaffinger,** residing at Liscowstraße 6B, München, 81739, DE, citizen of DE **Christian Royer,** residing at Hubertusstraße 3b, Ottobrunn, 85521, DE, citizen of DE

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

Hereby, (I) 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 (A)(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, 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, 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)

Patent Application Title: MACHINING SYSTEM AND METHOD, CONTROL DEVICE AND COMPUTER PROGRAM PRODUCT FOR CONTROLLING A MACHINING SYSTEM WITH A MACHINE TOOL

Filing Date: 07 Apr 2016

Filing Number: PCT/EP2016/057558

Internal Case Number(s): 2015P05379WOUS

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and 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 in

IDNR: 1930 / 21.05.2015

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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;

(II) 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

(III) 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.

Ma Feet	
Witness Signature	Tobias Hintz
PERA BAUER printed name	Date
<u>Ubras desse</u> Witness Signature	Alexander Pfaffinger
PETR 4 BACCE printed name	
<u>Policy Jessel</u> Witness Signature	Christian Royer
PETRA BAUER printed name	<u>13.3.2017</u> Date

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Siemens Aktie	epresentative(s) ngesellschaft	
Signature(s):	<u> </u>	i.V. Decar
Name(s):	Klinger	Renner
Title:	Both authorized offi	COLS
Date:	September 25, 2017	



Page 1 of 3

ASSIGNMENT

Rodensteiner Str. 17 64385 Reliketaneim

For good and valuable consideration, I (We),

Tobias Hintz, residing at Hauptstr. 140, Lindenfels, 64678, DE, citizen of DE

Alexander Pfaffinger, residing at Liscowstraße 6B, München, 81739, DE, citizen of DE

Christian Royer, residing at Hubertusstraße 3b, Ottobrunn, 85521, 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, 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)

Patent Application Title: MACHINING SYSTEM AND METHOD, CONTROL DEVICE AND COMPUTER PROGRAM PRODUCT FOR CONTROLLING A MACHINING SYSTEM WITH A MACHINE TOOL

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and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and 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 in

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Docket No.: 2015P05379WOUS Page 2 of 3

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;

- (II) 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
- (III) 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	Tobias Hintz
TOOO MON printed name	
Witness Signature	Alexander Pfaffinger
printed name	Date
Witness Signature	Christian Royer
printed name	Date

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Companies Representative(s) Siemens Aktiengesellschaft

Name(s): Klinger * Renner

Title: Roth authorized officers

Date: September 25, 2017

J-14

PATENT REEL: 043852 FRAME: 0227

RECORDED: 10/12/2017