

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas Grosch</td> <td>07/05/2013</td> </tr> <tr> <td>Juergen Laforsch</td> <td>07/10/2013</td> </tr> <tr> <td>Albert Renschler</td> <td>07/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Thomas Grosch	07/05/2013	Juergen Laforsch	07/10/2013	Albert Renschler	07/10/2013
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Thomas Grosch	07/05/2013								
Juergen Laforsch	07/10/2013								
Albert Renschler	07/10/2013								
RECEIVING PARTY DATA									
Name:	Siemens Aktiengesellschaft								
Street Address:	Wittelsbacherplatz 2								
City:	Muenchen								
State/Country:	GERMANY								
Postal Code:	80333								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13864922</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13864922				
Property Type	Number								
Application Number:	13864922								
CORRESPONDENCE DATA									
Fax Number:	2129725487								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Thomas C. Pontani, Ph.D.								
Signature:	/Thomas C. Pontani, Ph.D./								
Date:	07/25/2013								

OP \$40.00 13864922

Total Attachments: 6

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ASSIGNMENT

For good and valuable consideration, I (We),

Thomas Grosch, residing at Westring 12, Roßtal, 90574, DE, citizen of DE

Jürgen Laforsch, residing at Carl-Netter-Str. 6, Bühl, 77815, DE, citizen of DE

Albert Renschler, residing at Schluchtstr. 3A, Ettlingen, 76275, 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 Wittelsbacherplatz 2, 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: **Redundant Automation System and Method for Operating the Redundant Automation System**

Filing Date (MM/DD/YYYY): **04/17/2013**

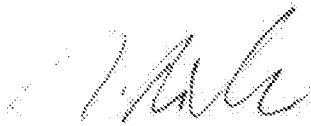
Filing Number: **13/864,922**

Internal Case Number(s): **2012P08602 US**

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 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



Thomas Grosch

Jan Richter

printed name

5.7.13

Date

Witness Signature

Jürgen Laforsch

printed name

Date

Witness Signature

Albert Renschler

printed name

Date

Companies Representative(s)
Siemens Aktiengesellschaft

Signature *H.G. Bischoff*
Name Hans-Gerhard Bischoff

Date 07.11.2013

Signature *T. Klein*
Name Thomas Klein

Date 07/11/2013

ASSIGNMENT

For good and valuable consideration, I (We),

Thomas Grosch, residing at Westring 12, Roßtal, 90574, DE, citizen of DE

Jürgen Laforsch, residing at Carl-Netter-Str. 6, Bühl, 77815, DE, citizen of DE

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(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

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Witness Signature

Thomas Grosch

printed name

Date

Witness Signature

Jürgen Laforsch

Frank Seipelt
printed name

2013-07-10
Date

Witness Signature

Albert Renschler

Frank Seipelt
printed name

12.07.2013
Date

Companies Representative(s)
Siemens Aktiengesellschaft

Signature *H.G. Bischoff*
Name Hans-Gerhard Bischoff

Date *07.11.2013*

Signature *T. Klein*
Name Thomas Klein

Date *07/11/2013*