

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Bijan Sayyar-Rodsari</td> <td>02/12/2013</td> </tr> <tr> <td>Eric Hartman</td> <td>02/06/2013</td> </tr> <tr> <td>Carl Anthony Schweiger</td> <td>02/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bijan Sayyar-Rodsari	02/12/2013	Eric Hartman	02/06/2013	Carl Anthony Schweiger	02/12/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Rockwell Automation Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1 Allen-Bradley Drive</td> </tr> <tr> <td>City:</td> <td>Mayfield Heights</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>44124</td> </tr> </table>		Name:	Rockwell Automation Technologies, Inc.	Street Address:	1 Allen-Bradley Drive	City:	Mayfield Heights	State/Country:	OHIO	Postal Code:	44124
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CORRESPONDENCE DATA											
<p>Fax Number: 2819704503  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (281) 970-4545        Email: docket@fyiplaw.com        Correspondent Name: FLETCHER YODER c/o Rockwell Automation        Address Line 1: P.O. Box 692289        Address Line 4: Houston, TEXAS 77269-2289</p>											
ATTORNEY DOCKET NUMBER:	11AB086-US (ALBR:0457)										
NAME OF SUBMITTER:	Steven J. Sinclair, Jr.										
<p>Total Attachments: 4        source=11AB086-US_ALBR0457_Assignment_12FEB2013#page1.tif        source=11AB086-US_ALBR0457_Assignment_12FEB2013#page2.tif        source=11AB086-US_ALBR0457_Assignment_12FEB2013#page3.tif        source=11AB086-US_ALBR0457_Assignment_12FEB2013#page4.tif</p>											

OP \$40.00 13670187

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** (the "Assignee") the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "**EMPIRICAL MODELING WITH GLOBALLY ENFORCED GENERAL CONSTRAINTS**," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. **42982** may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

### Additional Application Information

U.S. Provisional Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

U.S. Non-Provisional Application Serial No. 13/670,187, filed on November 6, 2012.

International Application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

INVENTOR:

Signature: Bijan Sayyar-Rodsari  
Bijan Sayyar-Rodsari

Date: Feb 12, 2013

Witnessed by: [Signature]  
Signature

Date: Feb 12, 2013

KADIR LIANO  
Printed Name of Witness

Witnessed by: [Signature]  
Signature

Date: 2/12/2013

APURNA SAMUDRA  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Bijan Sayyar-Rodsari

Date: \_\_\_\_\_

STATE OF )  
COUNTY OF ) §§.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Bijan Sayyar-Rodsari**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

INVENTOR:

Eric Hartman (deceased)

Signature: \_\_\_\_\_

Vesta Garcia (daughter, executor)  
2845A SW Adams St.  
Seattle, WA 98126

Date: \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Signature

Date: \_\_\_\_\_

Printed Name of Witness

Witnessed by: \_\_\_\_\_

Signature

Date: \_\_\_\_\_

Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Eric Hartman (deceased)

Vesta Garcia

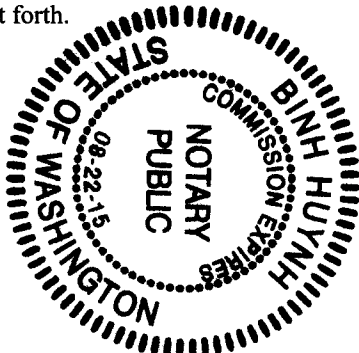
Vesta Garcia (daughter, executor)  
2845A SW Adams St.  
Seattle, WA 98126

Date: 6 Feb 13

STATE OF Washington  
COUNTY OF King ) §§.

This 6<sup>th</sup> day of February, 2013 before me personally came the above-named **Vesta Garcia**, daughter of and executor for **Eric Hartman (deceased)**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Binh Huynh

(Notary Public)

INVENTOR:

Signature: Carl Anthony Schweiger  
Carl Anthony Schweiger

Date: Feb. 12, 2013

Witnessed by: Kadir Liano  
Signature

Date: Feb 12, 2013

KADIR LIANO  
Printed Name of Witness

Witnessed by: Apurva Samudra  
Signature

Date: 2/12/13

APURVA SAMUDRA  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

\_\_\_\_\_  
Carl Anthony Schweiger

Date: \_\_\_\_\_

STATE OF )  
COUNTY OF ) §§.

This \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named **Carl Anthony Schweiger**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)