

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Matthew R. Ericsson</td> <td>10/26/2012</td> </tr> <tr> <td>Gordon Daily</td> <td>10/29/2012</td> </tr> <tr> <td>Kevin C. Smith</td> <td>10/29/2012</td> </tr> </tbody> </table>		Name	Execution Date	Matthew R. Ericsson	10/26/2012	Gordon Daily	10/29/2012	Kevin C. Smith	10/29/2012
Name	Execution Date								
Matthew R. Ericsson	10/26/2012								
Gordon Daily	10/29/2012								
Kevin C. Smith	10/29/2012								
RECEIVING PARTY DATA									
Name:	Rockwell Automation Technologies, Inc.								
Street Address:	1 Allen-Bradley Drive								
City:	Mayfield Heights								
State/Country:	OHIO								
Postal Code:	44124								
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>13664305</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13664305				
Property Type	Number								
Application Number:	13664305								
CORRESPONDENCE DATA									
Fax Number:	2819704503								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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								
ATTORNEY DOCKET NUMBER:	ALBR:0501								
NAME OF SUBMITTER:	William A. Powell								
Total Attachments: 4 source=12AB030-US-C_ALBR0501_Assignment_28NOV2012#page1.tif source=12AB030-US-C_ALBR0501_Assignment_28NOV2012#page2.tif source=12AB030-US-C_ALBR0501_Assignment_28NOV2012#page3.tif source=12AB030-US-C_ALBR0501_Assignment_28NOV2012#page4.tif									

OP \$40.00 13664305

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 "**SYSTEMS AND METHODS FOR ERROR DETECTION AND DIAGNOSTICS VISUALIZATION,**" 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. 61/558,985 _____, filed on *November 11, 2011* _____

U.S. Non-Provisional Application Serial No. 13/664,305 _____, filed on *October 30, 2012* _____

International Application Serial No. _____, filed on _____

INVENTOR 2:

Signature: _____
Gordon Daily

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

Gordon Daily

Date: 10/29/12

STATE OF Ohio)
COUNTY OF Cuyahoga) ss.

This 29 day of October, before me personally came the above-named **Gordon Daily**, 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.



(Notary Public)

Yvette Steiger
Notary Public - State of Ohio
Cuyahoga County
Comm. Exp June 23, 2014

INVENTOR 1:

Signature: _____
Matthew R. Ericsson

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

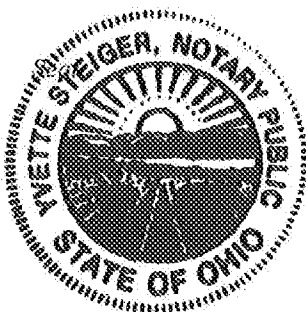
Matthew R. Ericsson
Matthew R. Ericsson

Date: 10-26-2012

STATE OF Ohio
COUNTY OF Cuyahoga

This 26 day of October, before me personally came the above-named Matthew R. Ericsson, 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.

Yvette Steiger
(Notary Public)



Yvette Steiger
Notary Public - State of Ohio
Cuyahoga County
Comm. Exp June 23, 2014

PATENT: Assignment
12AB030-US-C (AIDR:0501)

INVENTOR 3:

Signature: Kevin C. Smith Date: 10/29/2012
Kevin C. Smith

Witnessed by: [Signature] Date: 10/29/2012
Signature
BRIAN J KRISCHE
Printed Name of Witness

Witnessed by: Mike D'Amico Date: 10/29/2012
Signature
Mike D'Amico
Printed Name of Witness

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

Kevin C. Smith Date: _____

STATE OF)
) §§.
COUNTY OF)

This _____ day of _____, _____ before me personally came the above-named Kevin C. Smith, 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)