

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2846823

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
BRET S. HILDEBRAN	05/31/2012
ERIC D. DECKER	06/06/2012
DAVID A. PASELA	05/31/2012
DUWAYNE D. MULHALL	06/05/2012
JOHN J. KOLAT	05/31/2012
ANTOON LAANE	06/20/2012
RUSSELL W. BRANDES	06/21/2012
PETER M. DELIC	06/06/2012
CHARMAINE J. VAN MINNEN	05/31/2012
ANTHONY SORBELLO	06/21/2012
ROBERT J. KRETSCHMANN	05/31/2012
KENWOOD HALL	05/31/2012
RICHARD O. RUGGERI	05/31/2012
HARSH SHAH	06/26/2012
ANDREAS P. FRISCHKNECHT	06/04/2012
ANTHONY G. GIBART	06/22/2012
MARK A. CHAFFEE	06/01/2012
SCOTT A. PIERCE	05/31/2012
GREGG SICHNER	05/31/2012
TERENCE S. TENORIO	05/31/2012
GREGORY J. SVETINA	06/01/2012

**RECEIVING PARTY DATA**

<b>Name:</b>	ROCKWELL AUTOMATION TECHNOLOGIES, INC.
<b>Street Address:</b>	1 ALLEN-BRADLEY DRIVE
<b>City:</b>	MAYFIELD HEIGHTS
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44124

**PROPERTY NUMBERS Total: 3**

Property Type	Number
Application Number:	14270084

PATENT

Property Type	Number
Application Number:	14270159
Application Number:	14270171

**CORRESPONDENCE DATA**

**Fax Number:** (414)225-9753  
*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 414-382-4946  
**Email:** docketing@boylefred.com  
**Correspondent Name:** ROCKWELL AUTOMATION INC/BF ATTENTION:  
**Address Line 1:** 1201 SOUTH SECOND STREET  
**Address Line 4:** MILWAUKEE, WISCONSIN 53204

<b>ATTORNEY DOCKET NUMBER:</b>	12AB087-US-A (1506.410)
<b>NAME OF SUBMITTER:</b>	ERIC L. SCHLEVENSKY
<b>SIGNATURE:</b>	/Eric L. Schlevensky/
<b>DATE SIGNED:</b>	05/08/2014

**Total Attachments: 22**  
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12AB087-US (1506.316)

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

WHEREAS, **BRET S. HILDEBRAN**, 17810 Geauga Lake Road, Chagrin Falls, OH 44023; **ERIC D. DECKER**, 1343 Bel Air Circle, Macedonia, OH 44058; **DAVID A. PASELA**, 3576 Jasmine Drive, Seven Hills, OH 44131; **DUWAYNE D. MULHALL**, 4278 Padanarum Rd., Geneva, OH 44041; **JOHN J. KOLAT**, 7336 Case Ave., Mentor, OH 44060; **ANTOON LAANE**, Bosdallaan 11, 1950 Kraainem, Belgium; **RUSSELL W. BRANDES**, 1326 Warren Drive, Brunswick, OH 44212; **PETER M. DELIC**, 37525 Rogers Road, Willoughby, OH 44094; **CHARMAINE J. VAN MINNEN**, 615 Cedar Bark Drive, Aurora, OH 44202; **ANTHONY SORBELLO**, 423 Harris Road, Richmond Heights, OH 44143; **ROBERT J. KRETSCHMANN**, 28915 Osborn Road, Bay Village, OH 44140; **KENWOOD HALL**, 1768 East Sapphire Drive, Hudson, OH 44236; **RICHARD O. RUGGERI**, 10155 Charlton Ln., Novelty, Ohio 44072; **HARSH SHAH**, 6809 Mayfield Road, #357, Mayfield Heights, OH 44124; **ANDREAS P. FRISCHKNECHT**, 1001 Bukit Timah Road, #05-02 The Sterling, Singapore 596288; **ANTHONY G. GIBART**, 17035 West Small Road, New Berlin, WI 53151; **MARK A. CHAFFEE**, 404 Reserve Trail, Chagrin Falls, OH 44022; **SCOTT A. PIERCE**, 7521 Hermitage Road, Concord Township, OH 44077-9399; **GREGG SICHNER**, 7860 Kellogg Creek Drive, Mentor, OH 44060; **TERENCE S. TENORIO**, 6958 SOM Center Road, Solon, OH 44139; and **GREGORY J. SVETINA**, 1746 Evergreen Drive, Streetsboro, OH 44241 (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in an **OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. **12AB087-US** in the patent files of **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** having a principal place of business at 1 Allen-Bradley Drive, Mayfield Heights, Ohio 44124.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these present do sell, assign and transfer unto **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

{00512279.DOCX / }

Page 1 of 22

PATENT  
REEL: 032846 FRAME: 0817

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC

Signed:

Date:

Bret S. Hildebran  
BRET S. HILDEBRAN

31-MAY-2012

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared BRET S. HILDEBRAN  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.

Yvette Steiger  
Signature of Witness

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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Eric Decker  
ERIC D. DECKER

6-6-2012

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On June 6, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Eric D. Decker  
Name(s) of Signer(s)

\_\_ personally known to me - OR - \_\_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Yvette Steiger  
Signature of Witness



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

David A. Pasela

5/31/12

DAVID A. PASELA

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

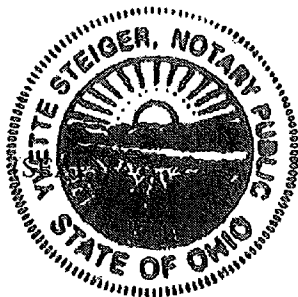
personally appeared David A. Pasela  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Yvette Steiger

Signature of Notary Public  
My Commission Expires: June 23, 2014



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

*Duwayne D. Mulhall*

*5-jun-2012*

DUWAYNE D. MULHALL

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

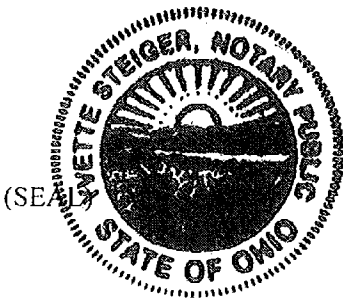
On June 5, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Duwayne D. Mulhall  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

*Yvette Steiger*  
Signature of Notary Public  
My Commission Expires: June 23, 2014



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

*John J. Kolat*  
JOHN J. KOLAT

5/31/12

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared John J. Kolat  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



*Yvette Steiger*  
Signature of Notary Public  
My Commission Expires: June 23, 2014

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



12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

*Antoon Laane*  
ANTOON LAANE

20-JUNE, 2012

WITNESSES CERTIFICATE OF ACKNOWLEDGMENT

First Witness Signature: *DB*

Printed Name: DARREN BEIGGS

Date: 20<sup>th</sup> JUNE 2012

Second Witness Signature: *[Signature]*

Printed Name: Clayton Lindesbergen

Date: 20-JUNE-2012

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Russell W Brandes  
RUSSELL W. BRANDES

6/21/2012

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On June 21, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Russell W. Brandes  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Yvette Steiger

Signature of Notary Public  
My Commission Expires: June 23, 2014



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

*Peter Delic*

*6/6/12*

PETER M. DELIC

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On June 6, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Peter M. Delic  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

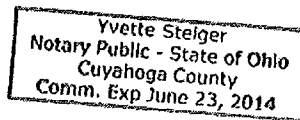
WITNESS my hand and official seal.

*Yvette Steiger*

Signature of Notary Public June 23, 2014  
My Commission Expires:



(SEAL)



12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

5/31/12

CHARMAINE J. VAN MINNEN

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

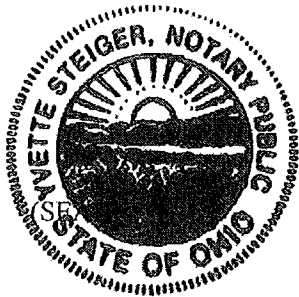
On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doc, Notary Public")

personally appeared Charmaine J. Van Minnen  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature of Notary Public  
My Commission Expires: June 23, 2014



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

A. Sorbello  
ANTHONY SORBELLO

6-21-12

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On June 21, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Anthony Sorbello  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Yvette Steiger  
Signature of Notary Public  
My Commission Expires: June 23, 2014



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Robert J. Kretschmann  
ROBERT J. KRETSCHMANN

May 31, 2012

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Robert J. Kretschmann  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(SEAL)



Yvette Steiger  
Signature of Notary Public  
My Commission Expires: June 23, 2014

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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

[Signature]  
KENWOOD HALL

MAY 31, 2012

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Kenwood Hall  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]  
Signature of Notary Public  
My Commission Expires: June 23, 2014



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Richard O. Ruggeri  
RICHARD O. RUGGERI

5-31-2012

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Richard O. Ruggeri  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Yvette Steiger

Signature of Notary Public  
My Commission Expires: June 23, 2014



(SEAL)

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



BOOK NO. SIX (6)  
 PAGE NO. (77)  
 SERIAL NO. (7322)  
 RECEIPT NO. (7322)  
 DATE 26 JUN 2012

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER  
 ASSIGNMENT OF INVENTION  
 TO  
 ROCKWELL AUTOMATION TECHNOLOGIES, INC.



Signed:

Date:

(HS) Shah  
 HARSH SHAH

26<sup>th</sup> JUNE, 2012  
26 JUN 2012

CERTIFICATE OF ACKNOWLEDGMENT

State of GUJARAT

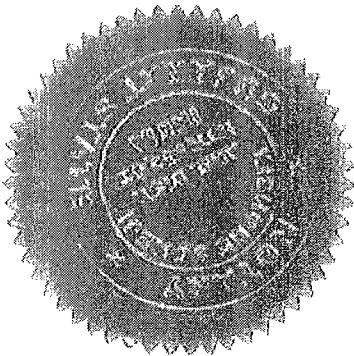
County of INDIA

On 26<sup>th</sup> June 2012, Mr. Kishore Someji, Notary Public  
 Name and Title of Officer (e.g., "Jane Doe, Notary Public")

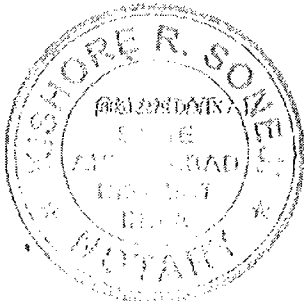
personally appeared Harsh Shah  
 Name(s) of Signer(s)

.. personally known to me - OR - .. proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



(Signature)  
 Signature of Notary Public  
 My Commission Expires: MY COMMISSION EXPIRES ON 28-8-2012



ATTESTED  
(Signature)  
 Page 15 of 22  
 KISHORE R. SOMEJI  
 NOTARY  
 GUJARAT STATE  
 INDIA

MY COMMISSION EXPIRES ON 28-8-2012  
(Signature)  
 KISHORE R. SOMEJI  
 NOTARY  
 GUJARAT STATE  
 INDIA

26 JUN 2012

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

*Frischnecht*

ANDREAS P. FRISCHNECHT

K

Date:

2012/6/4

WITNESSES CERTIFICATE OF ACKNOWLEDGMENT

First Witness Signature: \_\_\_\_\_

*[Signature]*

Printed Name: \_\_\_\_\_

Dexter Leong

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

4/6/12

Second Witness Signature: \_\_\_\_\_

*[Signature]*

Printed Name: \_\_\_\_\_

CYNTHIA TAN

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

4/6/12

12AB087-US (1506.316)

**OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER**

**ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.**

Signed:

Date:

Anthony G. Gibart  
ANTHONY G. GIBART

6/22/2012

**CERTIFICATE OF ACKNOWLEDGMENT**

State of Wisconsin

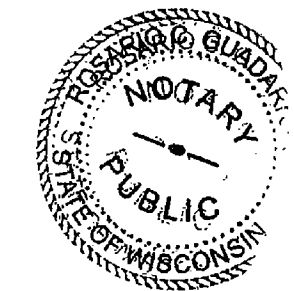
County of Milwaukee

On June 22, 2012  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Anthony G. Gibart  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



(SEAL)

Rosario C. Guadalupe  
Signature of Notary Public  
My Commission Expires: April 13, 2014

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Mark A. Chaffee 6/1/12  
MARK A. CHAFFEE

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On June 1, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Mark A. Chaffee  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Yvette Steiger  
Signature of Notary Public  
My Commission Expires: \_\_\_\_\_



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed: *Scott A. Pierce*  
SCOTT A. PIERCE

Date: 5/31/2012

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

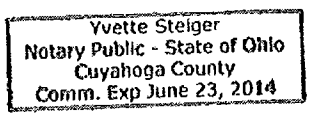
personally appeared Scott A. Pierce  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



*Yvette Steiger*  
Signature of Notary Public  
My Commission Expires: June 23, 2014



12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Gregg Sichner  
GREGG SICHNER

5-31-12

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

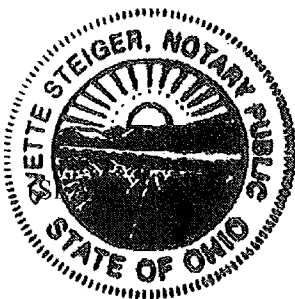
On May 31, 2012 before Yvette Steiger Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Gregg Sichner  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Yvette Steiger  
Signature of Notary Public  
My Commission Expires: June 23, 2014



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

12AB087-US (1506.316)

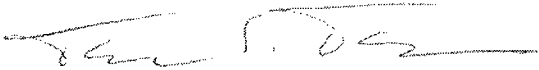
OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER

ASSIGNMENT OF INVENTION  
TO

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:



5-31-12

TERENCE S. TENORIO

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

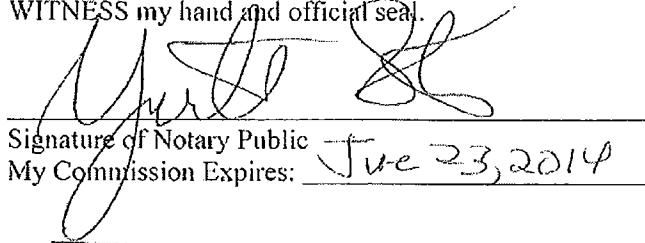
County of Cuyahoga

On May 31, 2012 before Yvette Steiger, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Terence S. Tenorio  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public  
My Commission Expires: June 23, 2014



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

12AB087-US (1506.316)

OUTPUT MODULE FOR AN INDUSTRIAL CONTROLLER  
ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Gregory J. Svetina  
GREGORY J. SVETINA

6/1/2012

CERTIFICATE OF ACKNOWLEDGMENT

State of South Carolina

County of Lexington

On Wendy P. Holcomb, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Gregory J. Svetina  
Name(s) of Signer(s)

\_ personally known to me - OR - \_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

(SEAL)

Wendy P. Holcomb  
Signature of Notary Public  
My Commission Expires:

August 31, 2016