PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the list of inventors previously recorded on Reel 020411 Frame 0389. Assignor(s) hereby confirms the list of inventors. |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Subbian Govindaraj | 08/10/2009 |
| Raymond J. Staron | 08/05/2009 |
| Charles Martin Rischar | 08/05/2009 |
| Kenwood H. Hall | 08/05/2009 |
| David A. Vasko | 08/06/2009 |
| Robert J. Kretschmann | 08/18/2009 |
| Michael D. Kalan | 08/18/2009 |
| Paul R. D'Mura | 08/05/2009 |
| Taryl J. Jasper | 08/04/2009 |
| Eugene Liberman | 08/05/2009 |

RECEIVING PARTY DATA

| Name: | Rockwell Automation Technologies, Inc. | |
|-----------------|--|--|
| Street Address: | 1 Allen-Bradley Drive | |
| City: | Mayfield Heights | |
| State/Country: | оню | |
| Postal Code: | 44124 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12019463 |

CORRESPONDENCE DATA

500940242

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Correspondent Name: Susan M. Donahue

Address Line 1: 1201 South Second Street Address Line 2: Rockwell Automation - E-7F19 Address Line 4: Milwaukee, WISCONSIN 53204 ATTORNEY DOCKET NUMBER: 07AB222/ALBRP602US NAME OF SUBMITTER: Thomas E. Watson **Total Attachments: 13** source=CorrectiveAssign#page1.tif source=CorrectiveAssign#page2.tif source=CorrectiveAssign#page3.tif source=CorrectiveAssign#page4.tif source=CorrectiveAssign#page5.tif source=CorrectiveAssign#page6.tif source=CorrectiveAssign#page7.tif source=CorrectiveAssign#page8.tif source=CorrectiveAssign#page9.tif source=CorrectiveAssign#page10.tif source=CorrectiveAssign#page11.tif source=CorrectiveAssign#page12.tif source=CorrectiveAssign#page13.tif

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O:HIMANSHU S. AMIN COMPANY: 1900 E. 9TH STREET, 24TH FLOOR

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 01/24/2008 500447565

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Subbian Govindaraj | 01/16/2008 |
| Raymond J. Staron | 01/15/2008 |
| Charles Martin Rischar | 01/24/2008 |
| Kenwood H. Hall | 01/15/2008 |
| David A. Vasko | 01/15/2008 |
| Robert J. Kretschmann | 01/18/2008 |
| Michael D. Kalan | 01/24/2008 |
| Paul R. D'Mura | 01/16/2008 |
| Taryl J. Jasper | 01/23/2008 |

RECEIVING PARTY DATA

| Name: | Rockwell Automation Technologies, Inc. | |
|-----------------|--|--|
| Street Address: | One Allen-Bradley Drive | |
| City: | Mayfield Heights | |
| State/Country: | ОНЮ | |
| Postal Code: | 44124 | |

PROPERTY NUMBERS Total: 1

| | Property Type | Number | |
|---|---------------------|----------|--|
| = | Application Number: | 12019463 | |

CORRESPONDENCE DATA

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(216)696-8731

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Cleveland, OHIO 44114

USPTO 1/25/2008 4:58:04 PM PAGE 5/005 Fax Server

O:HIMANSHU S. AMIN COMPANY: 1900 E. 9TH STREET, 24TH FLOOR

| | ATTORNEY DOCKET NUMBER: | ALBRP602US |
|-------------------|--|------------------|
| - (4) | NAME OF SUBMITTER: | Himanshu S. Amin |
| 'O:Ti | Total Attachments: 10 source=07AB222 Assignment#page1.tif source=07AB222 Assignment#page2.tif source=07AB222 Assignment#page3.tif source=07AB222 Assignment#page4.tif source=07AB222 Assignment#page5.tif source=07AB222 Assignment#page6.tif source=07AB222 Assignment#page7.tif source=07AB222 Assignment#page8.tif source=07AB222 Assignment#page9.tif source=07AB222 Assignment#page10.tif | |

PATENT

REEL: 023115 FRAME: 0049

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

WHEREAS, Subbian Govindaraj of Solon, Ohio; Raymond J. Staron of Chagrin Falls, Ohio; Charles Martin Rischar of Chardon Ohio; Kenwood H. Hall of Hudson Ohio; David A. Vasko of Solon Ohio; Robert J. Kretschmann of Bay Villiage Ohio; Michael D. Kalan of Highland Heights Ohio; Paul R. D'Mura of Glendale Arizona; Taryl J. Jasper of South Euclid Ohio; Eugene Liberman of Rocky River, Ohio (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in AUTOMATIC CONTROLLER RELATIONSHIP RESOLUTION, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 07AB222, in the patent files of Rockwell Automation Technologies, Inc., an Ohio Corporation 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.

Assignment of Invention To Rockwell Automation Technologies, Inc.

| Signed: | Date: |
|--|---|
| SUBBIAN GOVINDARAJ | Aug 10, 2009 |
| The second secon | |
| CERTIFIC | ATE OF ACKNOWLEDGMENT |
| State of Ohio | |
| County of Cayahoga | |
| On August 10, 2009 before | me, Yvetle Steiger, Normy Kubbe |
| S. Commission of the Commissio | Name and Title of Officer (e.g., "Jane Doe, Notary Public") |
| personally appeared SUBBIAN GO | OVINDARAJ |

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

Page 2 of 11

PATENT REEL: 023115 FRAME: 0051

Company of

Assignment of Invention To Rockwell Automation Technologies, Inc.

| Signed: | Date: | |
|--------------------------|----------------|---|
| Raymond Stain | 8 | 15/09 |
| RAYNOND J. STARON | | , |
| CER | TIFICATE OF | ACKNOWLEDGMENT |
| State of OACO | | |
| | 6) (1) | £ |
| on August 5, 200° | before me, | and Title of Officer (e.g., "Jane Doe, Notary Public") |
| | Nam | e and Title of Officer (e.g., "Jane Doe, Notary Public") |
| personally appeared RAYN | | ON |
| Name(s) |) of Signer(s) | |
| | t 3 3 | 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 |

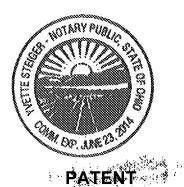
Signature of Notary Public

behalf of which the person acted, executed the

WITNESS my hand and official seal.

Page 3 of 11

instrument.



REEL: 023115 FRAME: 0052

Assignment of Invention To Rockwell Automation Technologies, Inc.

| Signed: Date: |
|--|
| CHARLES MARTIN RISCHAR 8/5/2007 |
| CERTIFICATE OF ACKNOWLEDGMENT |
| State of |
| County of Culary A |
| on August 5, 2009 before me, Nother Stergees Nothing Rubbe |
| Name and Title of Officer (e.g., "Jane Doe, Notary Public") |
| personally appeared CHARLES MARTIN RISCHAR 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 Rublic

Page 4 of 11

Assignment of Invention To ROCKWELL AUTOMATION TECHNOLOGIES, INC.

| Signed: | Date: |
|------------------------------------|--|
| KENWOOD H. HALL | 8/5/09 |
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| State of Outo | CATE OF ACKNOWLEDGMENT |
| County of CuyahosA | |
| On August 5, 2007 before | e me, JvzHe_Stersel, Noticer Public Name and Title of Officer (e.g., "Jane Doc, Notary Public") |
| | stante and time of officer (e.g., since bot, thomas a none) |
| personally appeared <u>KENWOOD</u> | |

_ 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

Page 5 of 11



Assignment of Invention To Rockwell Automation Technologies, Inc.

| Signed: | Date: |
|----------------------------------|---|
| Dougl 9 Vah- DAVID A. VASKO | <u>8/6/09</u> |
| CER | TIFICATE OF ACKNOWLEDGMENT |
| State of WD | |
| County of Cayako | |
| on August 6209 | before me, Yutle Steisee Nothry Public |
| | Name and Title of Officer (e.g., "Jane Doe, Notary Public") |
| personally appeared <u>DAVII</u> | A, VASKO |
| 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

Page 6 of 11

Assignment of Invention To Rockwell Automation Technologies, Inc.

| Signed: | Date: |
|---------------------------------|--|
| CLY LA ROBERT J. KRETSCHMANN | August 18,0009 |
| CERTIFICATE OF ACKNOWLEDGMENT | |
| State of <u>UM</u> る | |
| County of Cayanogy | } |
| On August 18, 2007 before | e me, <u>fuctle Steisee</u> Addres Ruble. Name and Title of Officer (e.g., "Jame Doe, Notary Rublic") |
| | 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.

Signature of Notary Public

Page 7 of 11

Assignment of Invention To Rockwell Automation Technologies, Inc.

| Signed: | Date: |
|-------------------------------|---|
| Muchas & Halan | 8/18/2009 |
| MICHAEL D. KALAN | |
| CERTIFIC | CATE OF ACKNOWLEDGMENT |
| State of Owo | |
| County of Cuyahogy |), () () () () () () () () () (|
| on Aucust 18, 2007 befor | eme, Justle Sleiger, Nothing Public |
| | Name and Title of Officer (e.g., "Jane Doe, Notary Public") |
| personally appeared MICHAEL E | O. KALAN |
| Name(s) of Sign | |

_ 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

Page 8 of 11

PATENT REEL: 023115 FRAME: 0057

TO STAN OF LAND

Assignment of Invention To Rockwell Automation Technologies, Inc.

| (| Signed: Date: | | | |
|---|---|--|--|--|
| | PAUL R. D'MURA August 5, 2009 | | | |
| | CERTIFICATE OF ACKNOWLEDGMENT | | | |
| | State of Arizona | | | |
| | County of Maricapa | | | |
| | County of Maricapa On August 5, 2009 before me, Maureen Nowland, Name and Title of Officer (e.g., "Jane Doe, Notary Public") | | | |
| | personally appeared PAUL R. D'MURA 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 | | | |

WITNESS my hand and official seal.

Signature of Notary Public.

behalf of which the person acted, executed the

Althorna Books County

English County

English County

English County

English Son 22, 2012

Page 9 of 11

instrument,

ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

| Signed: | Date: | |
|---------------|---|--------|
| TARYL J. JA | 15 Jagger 8/4/2009 ASPER | |
| | CERTIFICATE OF ACKNOWLEDGMENT | |
| State of | <u> </u> | |
| County of | CuyahorA | Dil |
| On Augus | st 4,2009 before me, Yuetle Steiges Nother, | KUEDUC |
| 3 | Name and Title of Officer (e.g., "Jane Doe, Notary Public") | |
| personally ap | peared TARYL J. JASPER Name(s) of Signer(s) | |
| | (Same a) of characters | |

_ 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.

WITNE\$S my hand and official seal.

Signature of Notary Public

Page 10 of 11

PATENT REEL: 023115 FRAME: 0059

CONFOR LINE PO

Assignment of Invention To Rockwell Automation Technologies, Inc.

| Signed | Date: |
|---------------------|---|
| E.V. | 8-5-2009 |
| EUGENE LIBERMAN | , |
| <u>CERTI</u> | FICATE OF ACKNOWLEDGMENT |
| State of | |
| County of Cay cho | <i>A</i> |
| on August S, 2009 b | efore me, |
| 7 | Name and Title of Officer (e.g., "Jane Doe, Notary Public") |

personally appeared EUGENE LIBERMAN

RECORDED: 08/19/2009

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

Page 11 of 11

