### 505101087 09/19/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5147847

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

# **CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| GORDON DAILY     | 05/08/2013     |
| JOHN MCCAULEY    | 03/28/2013     |
| MELISSA MACK     | 09/18/2018     |
| KEVIN SMITH      | 03/28/2013     |
| MATTHEW ERICSSON | 05/08/2013     |
| MATTHEW DELISLE  | 03/28/2013     |

# **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**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13671331 |

# **CORRESPONDENCE DATA**

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**ROCKWELL AUTOMATION INC/SR Correspondent Name:** 

Address Line 1: 1201 S. 2ND STREET Address Line 2: ATTN: LINDA KASULKE

Address Line 4: MILWAUKEE, WISCONSIN 53204

| ATTORNEY DOCKET NUMBER: 11AB097-US-A |                  |
|--------------------------------------|------------------|
| NAME OF SUBMITTER:                   | STEPHEN S. ROCHE |
| SIGNATURE: /Stephen S. Roche/        |                  |
| DATE SIGNED:                         | 09/19/2018       |

**PATENT** REEL: 046909 FRAME: 0465 505101087

# Total Attachments: 7 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif

PATENT REEL: 046909 FRAME: 0466

# 11AB097-US-A

# ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

WHEREAS, Gordon Daily of Solon, Ohio; John McCauley of Germantown, Wisconsin; Melissa Mack of Painesville TWP, Ohio; Kevin Smith of Franklin, Wisconsin; Matthew Ericsson of Lyndhurst, Ohio; and Matthew Delisle of Glendale, Wisconsin (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in METHOD AND APPARATUS FOR THE DISPLAY OF MULTIPLE ERRORS ON A HUMAN-MACHINE INTERFACE, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 11AB097-US-A, 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. provisional 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.

# 11AB097-US-A ASSIGNMENT OF INVENTION TO

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

| Signed:  | Date:   |  |
|--|---|--|
| Gordon Dail  | 1,2<br>1,2<br>1,2<br>1,2<br>1,3<br>1,3<br>1,3<br>1,3<br>1,4<br>1,5<br>1,6<br>1,6<br>1,6<br>1,6<br>1,6<br>1,6<br>1,6<br>1,6<br>1,6<br>1,6        |  |
|  | CERTIFICATE OF ACKNOWLEDGMENT   |  |
| State of   | OHO   |  |
| County of  | Cuyahaa   |  |
| On <u>5-8-</u>   | before me. <u>NANDA L JONES, NOIARY Public</u> , Name and Title of Officer (e.g., "Jane Dee, Notary Public")                                    |  |
| personally a   | ppeared GORGON DOLLY [Name(s) of Inventor]  |  |
| 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/she executed the same in his authorized capacity, and that by his/her 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)   | WANDA L. JONES NOTARY PUBLIC • STATE OF OFFIC Signature of Notary Public My commission expires May 27, 2018 My Commission Expires: May 27, 2015 |  |
|  | way Commission Expires. 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2   |  |

ROCKWELL AUTOMATION TECHNOLOGIES, INC.

| Signed:  | Date:   |  |  |
|--|---|--|--|
| John McCauley  | 28 March 2013   |  |  |
| F  | DF ACKNOWLEDGMENT   |  |  |
| State of Miseanian   | ···   |  |  |
| County of Milwenker  |   |  |  |
| On 3-28-13 before me, (110)  | me and Title of Officer (e.g., "Jane Doe, Notary Public") |  |  |
| personally appeared ONE ONE CAUCEY [Name(s) of Inventor]   |   |  |  |
| 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/she executed the same in his authorized capacity, and that by his/her 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)  A LINDAP.  SHIPPEE   | Signature of Notary Public My Commission Expires: 6-15-16 |  |  |

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# 11AB097-US-A ASSIGNMENT OF INVENTION TO ROCKWELL AUTOMATION TECHNOLOGIES, INC.

| Signed:      | Date:     |      |
|--------------|-----------|------|
| Mule         | 1/19/2019 | · 21 |
| Melissa Mack |           |      |

# ROCKWELL AUTOMATION TECHNOLOGIES, INC.

| Signed:  LUM Sunith  Kevin Smith   | Date: 3/28/13   |  |
|--|---|--|
| CERTIFICATE O  | F ACKNOWLEDGMENT  |  |
| State of Misseansin  |   |  |
| County of Mileware Rose  | <del>4</del>  |  |
| On 3-28-13 before me, LINES Na   | ne and Title of Officer (e.g., "Jane Dos, Notary Public")                     |  |
| personally appeared KEVIN Simple [Name(s) of Inventor]   |   |  |
| 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/she executed the same in his authorized capacity, and that by his/her 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)  A LINDAP A SHIPPEE   | Lenda P. Shippier  Signature of Notary Public  My Commission Expires: 5-15-16 |  |

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ROCKWELL AUTOMATION TECHNOLOGIES, INC.

| Signed:  | Date:   |  |  |  |
|--|---|--|--|--|
| /pex/<br>Matthew Eri   | CSSON MAY 8. ZO13   |  |  |  |
|  | CERTIFICATE OF ACKNOWLEDGMENT   |  |  |  |
| State of   |   |  |  |  |
| County of  | Cuyahoga  |  |  |  |
| 0n <u>5-8-</u> 1   | before me, NANGA L. JONES Notary Public Name and Title of Officer (e.g., "Inne Doe, Notary Public") |  |  |  |
| personally a   | personally appeared MNHIEN ERICSSON   |  |  |  |
|  | [Name(s) of Inventor]   |  |  |  |
| 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/she executed the same in his authorized capacity, and that by his/her 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)   | WANDA L. JONES  NOTARY PUBLIC • STATE OF OHIO  My commission expires May 27, 2018                   |  |  |  |
|  | Signature of Notary Public My Commission Expires:   |  |  |  |

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ROCKWELL AUTOMATION TECHNOLOGIES, INC.

| Signed;  | ¥                     | Date:   |  |
|--|-----------------------|---|--|
|  |                       | 3/28/,3   |  |
| Matthew Delisle  |                       |   |  |
|  | CERTIFICATE (         | OF ACKNOWLEDGMENT   |  |
| State of New   | C. A                  |   |  |
|  | ev neu Alde)          |   |  |
| On 3-28-13   | before me, 🛂 🙌        | m P SWIPPEL WOTHER  ame and Title of Officer (e.g., "Jane Doe, Noisely Public") |  |
|  | d Marrused L          |   |  |
|  | [Name(s) of Inventor] |   |  |
| 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/she executed the same in his authorized capacity, and that by his/her 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)   | LINDA P. SHIPPEE      | Signature of Notary Public My Commission Expires: 5-15-16                       |  |
|  | OF MISCOULAND         |   |  |

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PATENT REEL: 046909 FRAME: 0473

**RECORDED: 09/19/2018**