

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT																
NATURE OF CONVEYANCE:	Corrective Assignment to correct the spelling of inventor Michael John Pantaleano's name previously recorded on Reel 021379 Frame 0001. Assignor (s) hereby confirms the correction to inventor Michael John Pantaleano's name..																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Robert Joseph McGreevy</td><td>08/08/2008</td></tr><tr><td>Michael John Pantaleano</td><td>06/11/2008</td></tr><tr><td>Bruce Gordon Fuller</td><td>06/13/2008</td></tr><tr><td>Ian Edward Tooke</td><td>08/07/2008</td></tr><tr><td>Kevin John Albert</td><td>06/12/2008</td></tr><tr><td>John Joseph Baier</td><td>06/13/2008</td></tr><tr><td>Jan Pingel</td><td>06/13/2008</td></tr></tbody></table>		Name	Execution Date	Robert Joseph McGreevy	08/08/2008	Michael John Pantaleano	06/11/2008	Bruce Gordon Fuller	06/13/2008	Ian Edward Tooke	08/07/2008	Kevin John Albert	06/12/2008	John Joseph Baier	06/13/2008	Jan Pingel	06/13/2008
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John Joseph Baier	06/13/2008																
Jan Pingel	06/13/2008																
RECEIVING PARTY DATA																	
<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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<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12190349</td></tr></tbody></table>		Property Type	Number	Application Number:	12190349												
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CORRESPONDENCE DATA																	
Fax Number: (216)696-8731 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 216-696-8730																	
Email: rwardzala@thepatentattorneys.com																	
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																	

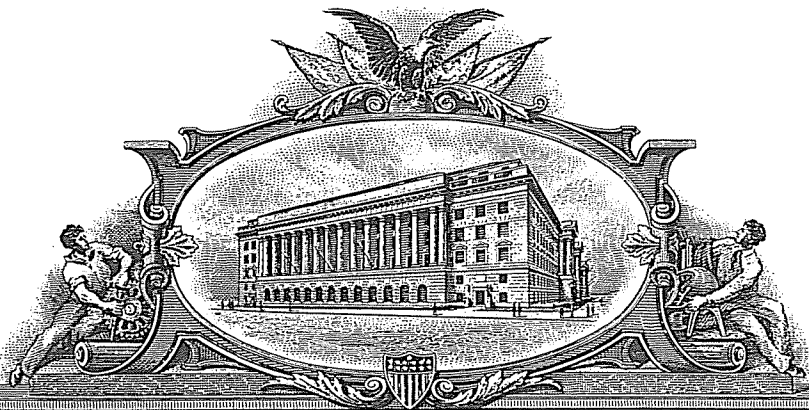
OP \$40.00 12190349

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PATENT
REEL: 023811 FRAME: 0305

ATTORNEY DOCKET NUMBER:	07AB271/ALBRP620US
NAME OF SUBMITTER:	Thomas E. Watson
<p>Total Attachments: 14</p> <p>source=07AB271CorrectiveAssignment#page1.tif</p> <p>source=07AB271CorrectiveAssignment#page2.tif</p> <p>source=07AB271CorrectiveAssignment#page3.tif</p> <p>source=07AB271CorrectiveAssignment#page4.tif</p> <p>source=07AB271CorrectiveAssignment#page5.tif</p> <p>source=07AB271CorrectiveAssignment#page6.tif</p> <p>source=07AB271CorrectiveAssignment#page7.tif</p> <p>source=07AB271CorrectiveAssignment#page8.tif</p> <p>source=07AB271CorrectiveAssignment#page9.tif</p> <p>source=07AB271CorrectiveAssignment#page10.tif</p> <p>source=07AB271CorrectiveAssignment#page11.tif</p> <p>source=07AB271CorrectiveAssignment#page12.tif</p> <p>source=07AB271CorrectiveAssignment#page13.tif</p> <p>source=07AB271CorrectiveAssignment#page14.tif</p>	

A 1763082



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

August 04, 2009

**THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
AUGUST 13, 2008.**

By Authority of the
Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



N. Williams
N. WILLIAMS
Certifying Officer

PATENT
REEL: 023811 FRAME 0307

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert Joseph McGreevy	08/08/2008
Micheal John Pantaleano	06/11/2008
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Kevin John Albert	06/12/2008
John Joseph Baier	06/13/2008
Jan Pingel	06/13/2008
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:	12190349
CORRESPONDENCE DATA	
Fax Number:	(216)696-8731
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	216-696-8730
Email:	mfurman@thepatentattorneys.com
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:	ALBRP620US

OP \$40.00 12190349

500619654

PATENT
 REEL: 021379 FRAME: 0001
 REEL: 023811 FRAME: 0308

NAME OF SUBMITTER:

Himanshu S. Amin

Total Attachments: 8

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07AB271

ASSIGNMENT OF INVENTION
TO
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

WHEREAS, Robert Joseph McGreevy of Oswego, Illinois, Michael John Pantaleano of Willoughby, Ohio, Bruce Gordon Fuller of Edmonton, Alberta, Canada, Ian Edward Tooke of Barrie, Ontario, Canada, Kevin John Albert of Wauwatosa, Wisconsin, John Joseph Baier of Mentor, Ohio, and Jan Pingel of New Berlin, Wisconsin (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **VISUALIZATION EMPLOYING HEAT MAPS TO CONVEY QUALITY, PROGNOSTICS, OR DIAGNOSTICS INFORMATION**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 07AB271, 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.

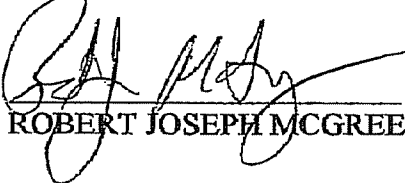
NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventors have sold, assigned and transferred and by these present do sell, assign and transfer unto Rockwell Automation Technologies, Inc. the entire right, title 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.

07AB271
ASSIGNMENT OF INVENTION
TO
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:


ROBERT JOSEPH MCGREEVY


8/8/2008

CERTIFICATE OF ACKNOWLEDGMENT

State of Tennessee

County of Kendall

On _____ before me, _____,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared ROBERT JOSEPH MCGREEVY
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

07AB271
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

mp
Michael John Pantaleano
MICHAEL

6/11/08

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On June 11, 2008

before me, Yvette Steiger Notary Public

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

mp
personally appeared MICHAEL

MICHAEL JOHN PANTALEANO

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

Yvette Steiger
NOTARY PUBLIC, STATE OF OHIO
My Commission Expires June 23, 2009
Recorded in Cuyahoga County

07AB271
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:


BRUCE GORDON FULLER


June 13 / 08

CERTIFICATE OF ACKNOWLEDGMENT

~~State of _____
County of _____
On _____ before me, _____
Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared BRUCE GORDON FULLER
Name(s) of Signer(s)~~

I DANIEL CHERNIWCHAN of
EDMONTON, ALBERTA
make oath and say that I was personally
present and did see Bruce Gordon Fuller, who is
personally known to me, duly sign above.

Signed at: EDMONTON, ALBERTA on this
13 day of JUNE 2008.


Signature

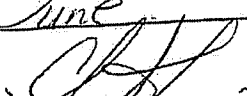
~~personally known to me - OR - _ proved to me on
the basis of satisfactory evidence to be the person
whose name is subscribed to the within instrument
and acknowledged to me that he executed the same
in his authorized capacity, and that by his signature
on the instrument the person, or the entity upon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

WITNESS my hand and official seal.

~~_____
Signature of Notary Public~~

I Clinton Li of
Edmonton, Alberta
make oath and say that I was personally
present and did see Bruce Gordon Fuller, who is
personally known to me, duly sign above.

Signed at: Edmonton, Alberta on this
13 day of June 2008.

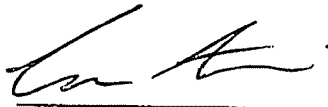

Signature

Page 4 of 8

07AB272
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:


IAN EDWARD TOOKE

7th August 2008

CERTIFICATE OF ACKNOWLEDGMENT

State of _____

County of _____

On _____ before me, _____
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared IAN EDWARD TOOKE
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

07AB271
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Kevin J. Albert
KEVIN JOHN ALBERT

June 12, 2008

CERTIFICATE OF ACKNOWLEDGMENT

State of Wisconsin

County of Milwaukee

On 6/12/2008 before me, Marty L. McNamee Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared KEVIN JOHN ALBERT
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.

Marty L. McNamee
Signature of Notary Public

07AB271
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

John J. Baier
JOHN JOSEPH BAIER

6/13/08

CERTIFICATE OF ACKNOWLEDGMENT

State of Ohio

County of Cuyahoga

On June 13, 2008 before me, Yvette Steiger, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared JOHN JOSEPH BAIER
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

Yvette Steiger
NOTARY PUBLIC, STATE OF OHIO
My Commission Expires June 23, 2009
Recorded in Cuyahoga County

07AB271
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:


JAN PINGEL

6-13-2008

CERTIFICATE OF ACKNOWLEDGMENT

State of Wisconsin

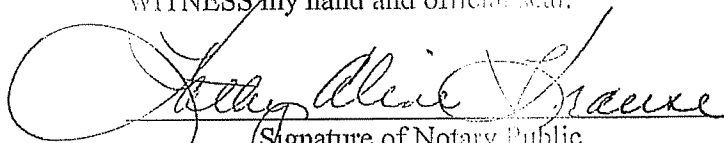
County of Milwaukee

On 6/13/2008 before me, Jan Pingel,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared JAN PINGEL
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 comm. expires 2/5/12