

03-01-2006

U.S. DEPARTMENT OF COMMERCE
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103186760
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

George E. Rollins
James E. Dogul
Richard Galera
Derek W. Jones

George Schuster
Suresh Nair
Ray Delcher

2/15/06, 2/15/06, 2/14/06,
Execution Date(s) 2/20/06, 2/14/06, 2/22/06, 2/21/06

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Rockwell Automation Technologies, Inc.

Internal Address:

Street Address: 1 Allen-Bradley Drive

City: Mayfield Hts.

State: Ohio

Country: USA Zip: 44124

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Susan M. Donahue, 704-P

Internal Address:

Street Address: Rockwell Automation
1201 South Second Street

City: Milwaukee

State: Wisconsin Zip: 53204

Phone Number: (414)382-4463

Fax Number: (414)382-3900

Email Address:

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 7626
Expiration Date 02/07

b. Deposit Account Number

Authorized User Name

9. Signature:

John M. Ling
Signature

February 23, 2006

Date

John M. Ling

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

1

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

02/27/2006 FFANREIA 00000016 11360081

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40.00 OP

PATENT
REEL: 017609 FRAME: 0705

ASSIGNMENT OF INVENTION
TO
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

WHEREAS, George E. Rollins of Chelmsford, Massachusetts; James E. Dogul of Hudson, New Hampshire; Richard Galera of Nashua, New Hampshire; Derek W. Jones of Kirkcudbright, Dumfries Galloway; George Schuster of Royal Oak, Michigan; Suresh Nair of Amherst, New Hampshire; and Ray Delcher of Oxnard, California (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **A METHOD OF USING A SINGLE OPTICAL EMITTER/RECEIVER PAIR FOR CREATING A LIGHT CURTAIN BY USING LCD AND MEMS TECHNOLOGY FOR BEAM DEFLECTION**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 06AB048, 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 inventor has 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.

06AB048
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

George E Rollins

2-15-06

George E. Rollins

CERTIFICATE OF ACKNOWLEDGMENT

State of MASSACHUSETTS

County of MIDDLESEX S.S.

On 2-15-06 before me, JOSHUA MAHONEY Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared George E. Rollins
Name(s) of Signer(s)

 personally known to me - OR - Xproved 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.



Joshua D. Mahoney
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires June 27, 2008

WITNESS my hand and official seal.

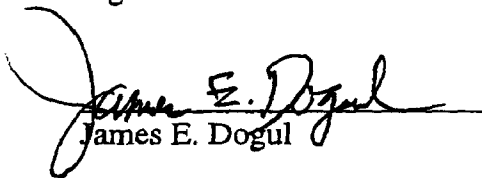
Joshua D. Mahoney
Signature of Notary Public



06AB048
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:


James E. Dogul

2/15/06

CERTIFICATE OF ACKNOWLEDGMENT

State of N.H.

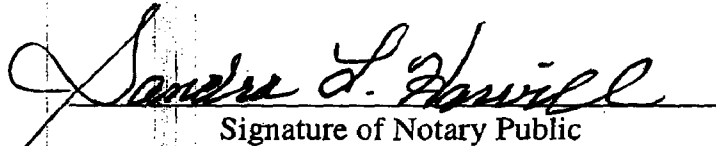
County of Hillsborough

On Feb. 15, 2006 before me, Sandra L. Harvill - Notary
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared James E. Dogul
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

SANDRA L. HARVILL
NOTARY PUBLIC, NEW HAMPSHIRE
My Commission Expires Sept. 3, 2008

06AB048
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Richard Galera
Richard Galera

2/14/06

CERTIFICATE OF ACKNOWLEDGMENT

State of New Hampshire

County of Hillsborough

On 2/14/06 before me, DEBORAH M. FRANK, Notary Public
My Commission Expires March 6, 2007
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Richard Galera
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.

Deborah M. Frank
Signature of Notary Public

06AB048
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:


Derek W. Jones

20 February 2006

CERTIFICATE OF ACKNOWLEDGMENT

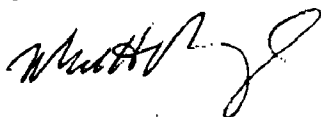
State of _____

County of _____

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

personally appeared Derek W. Jones
Name(s) of Signer(s)

Witnessed in the United Kingdom
By Michael H. Pringle
Managing Director – EJA Limited



Witnessed in the United Kingdom
By Michael Leyden
Operations Manager – EJA Limited

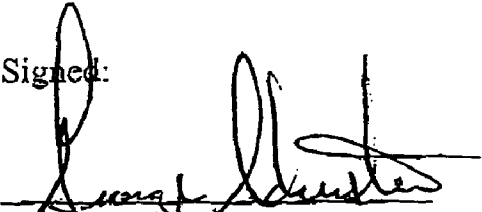


__ personally known to me - OR - __ proved to me on
the basis of satisfactory evidence to be the person
whose name is subscribed to the within instrument
and acknowledged to me that he executed the same
in his authorized capacity, and that by his signature
on the instrument the person, or the entity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

WITNESS my hand and official seal.

Signature of Notary Public

06AB048
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed: 
George Schuster

Date: 14 Feb 2006

CERTIFICATE OF ACKNOWLEDGMENT

State of _____

County of _____

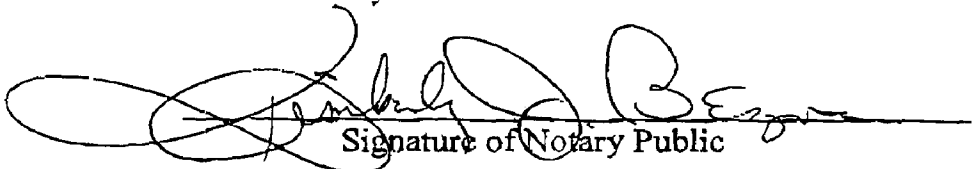
On _____ before me, _____

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

personally appeared George Schuster
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

KIMBERLY J. BERGMAN
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES Apr 7 2012
ACTING IN COUNTY OF

06AB048
ASSIGNMENT OF INVENTION
To
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

Ch Nair

2/16/06

Suresh Nair

CERTIFICATE OF ACKNOWLEDGMENT

State of New Hampshire

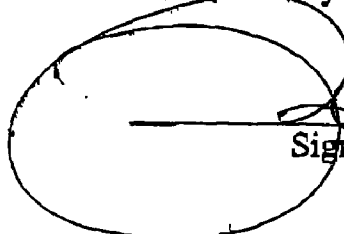
County of Hillsborough

On 2/16/06 before me, Rachelle Johnson, Notary Public
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Suresh Nair
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

RACHELLE D. JOHNSON, Notary Public
My Commission Expires July 10, 2007