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09-13-2007

U.S. DEPARTMENT OF COMMERCE
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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)

Haihui Lu, David M. Messersmith, Thomas A. Nondahl

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 07/16/07; 07/25/07; 07/16/2007

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ 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 Heights

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)

1. Filing Date: August 31, 2007

2. Title: CONTROL METHOD AND SYSTEM WITH
FEEDBACK INDICATIVE OF LOAD FLUX

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

Internal Address: Rockwell Automation, Inc.

Patent Dept./704P, Floor 8 T-29; Milwaukee, WI 53204-2496

Street Address: 1201 South Second Street

City: Milwaukee

State: Wisconsin Zip: 53204-2496

Phone Number: (414) 382-4463

Fax Number: (414) 382-3900

Email Address: SMDonahue@ra.rockwell.com

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 7024
Expiration Date 06/2008
(ALBR:0212/YOD)

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

PS
Signature

August 31, 2007

Date

Patrick S. Yoder

Name of Person Signing

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

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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ASSIGNMENT OF INVENTION
TO
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

WHEREAS, **Haihui Lu** of Shanghai, China, **David M. Messersmith** of Kenosha, State of Wisconsin, and **Thomas A. Nondahl** of Wauwatosa, State of Wisconsin, (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **CONTROL METHOD AND SYSTEM WITH FEEDBACK INDICATIVE OF LOAD FLUX** which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. **07AB028-US**, in the patent files of inventors' employer, **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, and which invention is covered by a patent application, executed and filed concurrently herewith in the Patent and Trademark Office for the United States of America.

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.

INVENTOR 1:

July 16, 2007

Haihui Lu
Haihui Lu

State of Shanghai)
County of China) §§.

This _____ day of _____, 2007, before me personally came the above-named **Haihui Lu**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

(SEAL)

Notary Public, State of _____
My Commission: _____

--OR--

WITNESS #1

Wei Qian Wei Qian July 16, 2007
Printed Name Signature Date

WITNESS #2

Zhenhuan Yuan Zhenhuan Yuan July 16, 2007
Printed Name Signature Date

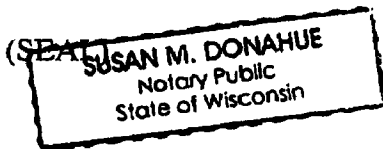
INVENTOR 2:

July 25, 2007

David M. Messersmith
David M. Messersmith

State of Wisconsin)
County of Milwaukee) §§.

This 25th day of July, 2007, before me personally came the above-named **David M. Messersmith**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



Susan M. Donahue
Notary Public, State of WI
My Commission: expires: 9-19-2010

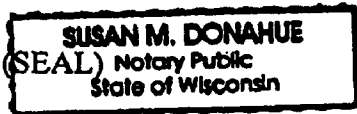
INVENTOR 3:

July 16, 2007, 2007

Thomas A. Nondahl
Thomas A. Nondahl

State of Wisconsin)
County of Milwaukee) §§.

This 16th day of July, 2007, before me personally came the above-named **Thomas A. Nondahl**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



Susan M. Donahue

Notary Public, State of Wisconsin

My Commission: expires: Sept. 19, 2010