

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jerry Dee Thunes	03/26/2008
Lixiang Wei	03/26/2008
RECEIVING PARTY DATA	
Name:	Rockwell Automation Technologies
Street Address:	1 Allen Bradley Drive
City:	Mayfield Heights
State/Country:	OHIO
Postal Code:	44124
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12061454
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	07AB200 (1506.183)
NAME OF SUBMITTER:	Keith M. Baxter

CH \$40.00 12061454

Total Attachments: 3  
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**07AB200-US (ORD)**

**ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.**

WHEREAS, **JERRY DEE THUNES** of 3215 West Holmes Avenue, Greenfield, Wisconsin 53221, USA and **LIXIANG WEI** of 4870 N. Idlewild Avenue, Whitefish Bay, Wisconsin 53217, USA (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in **ELECTRIC MOTOR DRIVE EMPLOYING HYBRID, HYSTERETIC/PULSE-WIDTH-MODULATED DYNAMIC BRAKING**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. **07AB200**, in the patent files of **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** 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.

07AB200-US (ORD)

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

*Jerry Dee Thunes*

*3/26/08*

JERRY DEE THUNES

CERTIFICATE OF ACKNOWLEDGMENT

State of WISCONSIN

County of OZAUKEE

On 3/26/08 *Kathleen M. Gabel, Notary Public*  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared JERRY DEE THUNES  
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.

(SEAL)

*Kathleen M. Gabel*  
Signature of Notary Public  
My Commission Expires: 3-15-2009

07AB200-US (ORD)

ASSIGNMENT OF INVENTION  
TO  
ROCKWELL AUTOMATION TECHNOLOGIES, INC.

Signed:

Date:

*Lixiang Wei*  
LIXIANG WEI

3/26/2008

**CERTIFICATE OF ACKNOWLEDGMENT**

State of WISCONSIN

County of OZAUKCC

On 3/26/08 *Kathleen Mguel* Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared LIXIANG WEI  
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.

(SEAL)

*Kathleen Mguel*  
Signature of Notary Public  
My Commission Expires: 3-15-2009