

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Semyon Royak	09/19/2011
John M. Kasunich	09/19/2011
Robert J. Breitzmann	09/19/2011
John James Jenks	09/19/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Rockwell Automation Technologies, Inc.
<b>Street Address:</b>	1 Allen-Bradley Drive
<b>City:</b>	Mayfield Hts.
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13272777
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)382-3900
<b>Phone:</b>	414-382-4946
<b>Email:</b>	RCGUADARRAMA@RA.ROCKWELL.COM
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	ROCKWELL AUTOMATION, INC./FAY ATTENTION:
<b>Address Line 1:</b>	1201 SOUTH SECOND STREET
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53204
<b>ATTORNEY DOCKET NUMBER:</b>	ROKZ200073US01
<b>NAME OF SUBMITTER:</b>	Eric Highman
Total Attachments: 5	

OP \$40.00 13272777

**501690327**

**PATENT  
 REEL: 027057 FRAME: 0730**

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11AB046 - ASSIGNMENT OF INVENTION

WHEREAS, **Semyon Royak**, 3880 Wild Cherry Trail, Beachwood, Ohio 44122 **John M. Kasunich**, 1256 Bellrose Road, Mayfield Heights, Ohio 44124, **Robert J. Breitzmann**, 103 Silver Springs Trail, South Russel, Ohio 44022, **John James, Jenks, 20053** Westover Avenue, Rocky River, Ohio 44116 (hereinafter sometimes referred to as "said inventors"), have invented certain new and useful improvements in an invention disclosed in a utility patent application entitled **ACTIVE FRONT END POWER CONVERTER WITH DIAGNOSTIC AND FAILURE PREVENTION USING PEAK DETECTOR WITH DECAY** which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 11AB046, in the patent files of **ROCKWELL AUTOMATION TECHNOLOGIES, INC.** and which invention is the subject of a utility patent application executed on even date herewith.

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 presents do sell, assign and transfer unto **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, an Ohio corporation, 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 said **ROCKWELL AUTOMATION TECHNOLOGIES, INC.**, for its 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.

Semyon Royak  
Semyon Royak

9/19/2011  
Date

**CERTIFICATE OF ACKNOWLEDGEMENT**

State of Ohio )  
County of Lake ) ss

On this 19<sup>th</sup> day of Sept, 2011, before me personally appeared Semyon Royak, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(SEAL)

[Signature]  
Notary Public, State of Ohio  
My Commission Expires: 2/16/15

John M. Kasunich  
John M. Kasunich

9/19/11  
Date

**CERTIFICATE OF ACKNOWLEDGEMENT**

State of Ohio )  
County of Lake ) ss

On this 19<sup>th</sup> day of Sept, 2011, before me personally appeared John M. Kasunich, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(SEAL)

Nancy R. Korosec  
Notary Public, State of Ohio  
My Commission Expires: 2/16/15

NANCY R. KOROSEC  
Notary Public, State of Ohio  
My Commission Expires 2-16-15  
Recorded In Lake County

Robert J. Breitzmann  
Robert J. Breitzmann

9/19/2011  
Date

**CERTIFICATE OF ACKNOWLEDGEMENT**

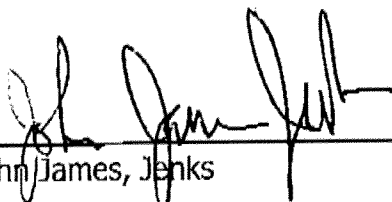
State of Ohio )  
County of Lake ) ss

On this 19<sup>th</sup> day of Sept, 2011, before me personally appeared Robert J. Breitzmann, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(SEAL)

N.R. Kruse  
Notary Public, State of Ohio

My Commission Expires 2/16/15

  
\_\_\_\_\_  
John James, Jenks

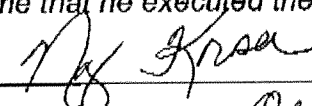
9/19/2011  
\_\_\_\_\_  
Date

**CERTIFICATE OF ACKNOWLEDGEMENT**

State of Ohio )  
County of Lake ) ss

On this 19<sup>th</sup> day of Sept, 2011, before me personally appeared John James Jenks, (to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(SEAL)

  
\_\_\_\_\_  
Notary Public, State of Ohio

My Commission Expires 2/16/15

NANCY R. KOROSK  
Notary Public, State of Ohio  
My Commission Expires 2-16-15  
Recorded in Lake County