

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROCKWELL AUTOMATION TECHNOLOGIES, INC.	08/28/2013
RECEIVING PARTY DATA	
Name:	ROCKWELL AUTOMATION, INC.
Street Address:	1201 South Second Street
City:	Milwaukee
State/Country:	WISCONSIN
Postal Code:	53204
PROPERTY NUMBERS Total: 21	
Property Type	Number
Patent Number:	5942817
Patent Number:	5907200
Patent Number:	5925943
Patent Number:	5936319
Patent Number:	5994798
Patent Number:	5965963
Patent Number:	5977664
Patent Number:	6274952
Patent Number:	6417584
Patent Number:	6455957
Patent Number:	6876105
Patent Number:	6803681
Patent Number:	6784572
Patent Number:	6713902
Patent Number:	7026732

Patent Number:	6975081
Patent Number:	6963148
Patent Number:	7262523
Patent Number:	7170241
Patent Number:	7781993
Patent Number:	7456529

**CORRESPONDENCE DATA**

Fax Number: 2125415369  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 2124085283  
Email: Patents@chadbourne.com  
Correspondent Name: Neal J. McLaughlin  
Address Line 1: 30 Rockefeller Plaza  
Address Line 2: Chadbourne & Parke LLP  
Address Line 4: New York, NEW YORK 10112

ATTORNEY DOCKET NUMBER:	06875.875
NAME OF SUBMITTER:	Neal J. McLaughlin
Signature:	/Neal J. McLaughlin/
Date:	08/30/2013

Total Attachments: 3  
source=RATI to RAI Assignment#page1.tif  
source=RATI to RAI Assignment#page2.tif  
source=RATI to RAI Assignment#page3.tif

**ASSIGNMENT OF INVENTIONS  
TO  
ROCKWELL AUTOMATION, INC.**

WHEREAS, ROCKWELL AUTOMATION TECHNOLOGIES, INC. (hereinafter sometimes referred to as the "Assignor"), owns by assignment certain new and useful inventions and improvements disclosed in the applications for patent and patents listed in Exhibit A (hereinafter the "Inventions");

AND, WHEREAS, ROCKWELL AUTOMATION, INC. whose post office address is 1201 South Second Street, Milwaukee, Wisconsin 53204 USA (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the Inventions in the United States and throughout the world;

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ROCKWELL AUTOMATION TECHNOLOGIES, INC., does hereby sell, assign, transfer and convey to the Assignee ROCKWELL AUTOMATION, INC., the entire right, title and interest in and to said Inventions in the United States of America and all foreign countries and in and to said U.S. patent applications and patents listed in EXHIBIT A and all divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues or reexaminations 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 Inventions; said applications and patents to be held and enjoyed by the Assignee ROCKWELL AUTOMATION, 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, including the right to sue for past infringement, as fully and entirely as the same would have been held by said Assignor had this assignment and sale not been made.

ALSO, ROCKWELL AUTOMATION TECHNOLOGIES, INC. further assigns to and

empowers the Assignee, its successors, assigns and legal representatives all rights to make application for patent or other forms of protection for the Inventions in the United States and its territorial possessions and in any foreign countries and to prosecute such applications, together with the right to claim and receive the benefit of any priority rights provided under any applicable laws, conventions, treaties, statutes or regulations and the right to claim such priority rights without further written or oral authorization.

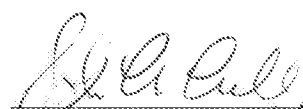
ALSO, ROCKWELL AUTOMATION TECHNOLOGIES, INC. hereby authorizes and requests the Commissioner for Patents of the United States and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent or similar legal rights on applications aforesaid, to issue all such Letters Patent or similar rights for the Inventions to the Assignee, as assignee of the entire right, title and interest in and to the same, for the Assignee's own use and benefit, and for the use and benefit of the Assignee's successors, assigns and legal representatives, to the full end of the term for which such Letters Patent or similar rights may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned had this assignment not been made.

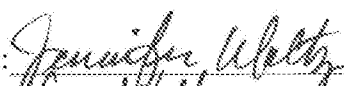
ALSO, ROCKWELL AUTOMATION TECHNOLOGIES, INC. and ROCKWELL AUTOMATION, INC. hereby agree that this Assignment shall supersede any other agreement between these parties and their predecessors in interest affecting any right, title or interest in and to the Inventions.

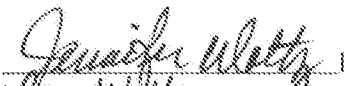
For Assignor  
ROCKWELL AUTOMATION  
TECHNOLOGIES, INC.

For Assignee  
ROCKWELL AUTOMATION, INC.

  
By: John M. Miller  
Title: President  
Date: August 28, 2013

  
By: John M. Miller  
Title: VP and Chief IP Counsel  
Date: August 28, 2013

Witness:  [signature]  
Jennifer Woltz [printed name]  
1201 S. Second Street [address]  
Milwaukee WI 53204

Witness:  [signature]  
Jennifer Woltz [printed name]  
1201 S. Second Street [address]  
Milwaukee WI 53204

**EXHIBIT A**

The Inventions:

<b>Application No.</b>	<b>Filing Date</b>	<b>Title</b>	<b>Patent No.</b>	<b>Issue Date</b>
09/031,009	2/26/98	Linear Motor Having Automatic Armature Windings Switching At Minimum Current Points	5,942,817	8/24/99
09/031,287	2/26/98	Linear Encoder	5,907,200	5/25/99
09/040,132	3/17/98	Modular Wireless Linear Motor	5,925,943	7/20/99
09/055,573	4/6/98	Wireless Permanent Magnet Linear Motor With Magnetically Controlled Armature Switching And Magnetic Encoder	5,936,319	8/10/99
09/069,324	4/29/98	Closed-Path Linear Motor	5,994,798	11/30/99
09/074,124	5/7/98	Linear Motor With A Plurality Of Stages Independently Movable On The Same Path	5,965,963	10/12/99
09/250,323	2/16/99	Linear Motor Having Automatic Armature Windings Switching At Minimum Current Points	5,977,664	11/2/99
09/415,166	10/8/99	Closed-Path Linear Motor	6,274,952	8/14/01
09/780,034	2/9/01	Magnet Configuration For A Linear Motor	6,417,584	7/9/02
09/780,848	2/9/01	Encoder	6,455,957	9/24/02
09/861,216	5/18/01	Wireless Encoder	6,876,105	4/5/05
09/884,410	6/19/01	Path Module For A Linear Motor, Modular Linear Motor System And Method To Control Same	6,803,681	10/12/04
09/955,268	9/18/01	Path Arrangement For A Multi-Track Linear Motor System And Method To Control Same	6,784,572	8/31/04
10/163,664	6/6/02	Closed-Path Linear Motor	6,713,902	3/30/04
10/826,111	6/4/04	Path Arrangement For A Multi-Track Linear Motor System And Method To Control Same	7,026,732	4/11/06
10/909,439	8/2/04	Path Module For A Linear Motor, Modular Linear Motor System And Method To Control Same	6,975,081	12/13/05
11/041,405	1/24/05	Wireless Encoder	6,963,148	11/8/05
11/180,397	7/13/05	Wireless Encoder	7,262,523	8/28/07
11/243,160	10/4/05	Path Module For A Linear Motor, Modular Linear Motor System And Method To Control Same	7,170,241	1/30/07
11/617,377	12/28/06	Path Module For A Linear Motor, Modular Linear Motor System And Method To Control The Same	7,781,993	8/24/10
11/844,675	8/24/07	Wireless Encoder	7,456,529	11/25/08