

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeffrey J. Grott</td> <td>10/06/2006</td> </tr> <tr> <td>Jeffery J. Williams</td> <td>10/06/2006</td> </tr> </tbody> </table>		Name	Execution Date	Jeffrey J. Grott	10/06/2006	Jeffery J. Williams	10/06/2006
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Jeffrey J. Grott	10/06/2006						
Jeffery J. Williams	10/06/2006						
RECEIVING PARTY DATA							
Name:	Emerson Process Management Power & Water Solutions, Inc.						
Street Address:	200 Beta Drive						
City:	Pittsburgh						
State/Country:	PENNSYLVANIA						
Postal Code:	15238						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12965548</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12965548		
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Application Number:	12965548						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Nick Fairman						
Signature:	/Nick Fairman/						
Date:	06/12/2013						
Total Attachments: 2 source=642406_ASSI#page1.tif source=642406_ASSI#page2.tif							

OP \$40.00 12965548

MARSHALL, GERSTEIN & BORUN, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, Illinois 60606-6357

**ASSIGNMENT**

Serial No: 11/497,839

Filed: August 2, 2006

Title: Process Control and Optimization Technique Using Immunological Concepts

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., 200 Beta Drive, Pittsburgh, Pennsylvania 15238 (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, executed by the undersigned on, October 2 & 3, 2006 and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned hereby authorize and request that the attorneys of record in said application insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this 6<sup>th</sup> day of October, 2006.

State of Pennsylvania }  
County of Allegheny }

Jeffrey J. Grott  
Jeffrey J. Grott

Jeffery J. Williams  
Jeffery J. Williams

On this 6<sup>th</sup> day of October, 2006 before me, a Notary Public in and for the County and State aforesaid, Jeffrey J. Grott and Jeffery J. Williams appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

July 25, 2010

Anita S. Brogneri  
Notary Public

COMMONWEALTH OF PENNSYLVANIA  
Notarial Seal  
Anita S. Brogneri, Notary Public  
O'Hara Twp., Allegheny County  
My Commission Expires July 25, 2010  
Member, Pennsylvania Association of Notaries