

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Terrence L. Blevins</td> <td>07/30/2013</td> </tr> <tr> <td>Mark J. Nixon</td> <td>07/30/2013</td> </tr> <tr> <td>Wilhelm K. Wojsznis</td> <td>07/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Terrence L. Blevins	07/30/2013	Mark J. Nixon	07/30/2013	Wilhelm K. Wojsznis	07/30/2013
Name	Execution Date								
Terrence L. Blevins	07/30/2013								
Mark J. Nixon	07/30/2013								
Wilhelm K. Wojsznis	07/30/2013								
RECEIVING PARTY DATA									
Name:	FISHER-ROSEMOUNT SYSTEMS, INC.								
Street Address:	1100 W Louis Henna Blvd								
Internal Address:	Building 1								
City:	Round Rock								
State/Country:	TEXAS								
Postal Code:	78681								
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>13963307</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13963307				
Property Type	Number								
Application Number:	13963307								
CORRESPONDENCE DATA									
Fax Number:	3124740448								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	312-474-6300								
Email:	docket@marshallip.com								
Correspondent Name:	Marshall, Gerstein & Borun LLP								
Address Line 1:	233 South Wacker Drive								
Address Line 2:	Suite 6300								
Address Line 4:	Chicago, ILLINOIS 60606								
ATTORNEY DOCKET NUMBER:	06005/592875								
NAME OF SUBMITTER:	Liset Luna								
Signature:	/Liset Luna/								

OP \$40.00 13963307

PATENT

Date:

08/14/2013

Total Attachments: 3

source=592875 Assignment#page1.tif

source=592875 Assignment#page2.tif

source=592875 Assignment#page3.tif

**ASSIGNMENT**

Serial No: 13/963,307

Filed: August 9, 2013

Title: IMPROVED KALMAN FILTERS IN PROCESS CONTROL SYSTEMS

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to FISHER-ROSEMOUNT SYSTEMS, INC., Emerson Process Management, 1100 W Louis Henna Blvd, Building 1, Round Rock, Texas 78681-7430 and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned authorizes the attorneys of record in the application listed above to insert in this assignment the filing date and application number of the application listed above when officially known.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute,

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

maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS our hands this 30<sup>th</sup> day of July, 2013.

State of Texas }  
County of Williamson }

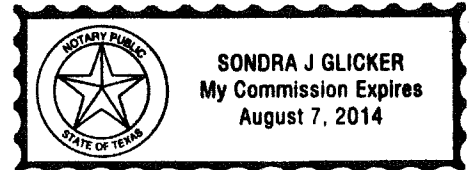
Terrence L. Blevins  
Terrence L. Blevins

Mark J. Nixon  
Mark J. Nixon

Wilhelm K. Wojsznis  
Wilhelm K. Wojsznis

On this 30 day of JULY, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared Terrence L. Blevins, Mark J. Nixon and Wilhelm K. Wojsznis, known to me personally or proved to me on the basis of satisfactory evidence to be the same people 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:

AUGUST 7, 2014

Sondra J. Glicker  
Notary Public