

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dirk Thiele	01/30/2009
RECEIVING PARTY DATA	
Name:	Fisher-Rosemount Systems, Inc.
Street Address:	12301 Research Blvd.
Internal Address:	Research Park Plaza, Bldg. III
City:	Austin
State/Country:	TEXAS
Postal Code:	78759
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12363305
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ATTORNEY DOCKET NUMBER:	06005/592010
NAME OF SUBMITTER:	Karen Morfoot
Total Attachments: 2 source=592010#page1.tif source=592010#page2.tif	

OP \$40.00 12363305

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

ASSIGNMENT

Serial No:

Filed:

Title: ROBUST ADAPTIVE MODEL PREDICTIVE CONTROLLER WITH TUNING TO COMPENSATE FOR MODEL MISMATCH

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to FISHER-ROSEMOUNT SYSTEMS, INC., 12301 Research Blvd., Research Park Plaza, Bldg. III, Austin, Texas 78759 (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, January 30, 2009 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, including U.S. Provisional Patent Application No. 61/025,190, entitled "Robust Adaptive Model Predictive Controller with Automatic Correction for Model Mismatch," which was filed on January 31, 2008.

The undersigned hereby authorizes and requests the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned hereby authorizes and requests 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 warrants himself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants 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 agrees, 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 agrees 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 my hand this 30TH day of January, 2009.

State of Texas }
County of Travis }



Dirk Thiele

On this 30 day of January, 2009, before me, a Notary Public in and for the County and State aforesaid, appeared, to me, Dirk Thiele, personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his 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, 2010



Notary Public

