

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ravi KANT</td> <td>09/27/2007</td> </tr> <tr> <td>John P. MILLER</td> <td>09/27/2007</td> </tr> <tr> <td>Tautho H. NGUYEN</td> <td>09/27/2007</td> </tr> </tbody> </table>		Name	Execution Date	Ravi KANT	09/27/2007	John P. MILLER	09/27/2007	Tautho H. NGUYEN	09/27/2007
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Ravi KANT	09/27/2007								
John P. MILLER	09/27/2007								
Tautho H. NGUYEN	09/27/2007								
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									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11863169</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11863169				
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Application Number:	11863169								
CORRESPONDENCE DATA									
Fax Number:	(312)474-0448								
<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 S. Wacker Dr.								
Address Line 2:	6300 Sears Tower								
Address Line 4:	Chicago, ILLINOIS 60606								
ATTORNEY DOCKET NUMBER:	30203/42375								
NAME OF SUBMITTER:	Aaron M. Peters								
Total Attachments: 3									

OP \$40.00 11863169

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**PATENT
 REEL: 019986 FRAME: 0366**

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ASSIGNMENT

Serial No: 11/863,169

Filed: September 27, 2007

Title: **METHOD AND SYSTEM FOR DETECTING ABNORMAL OPERATION IN A HYDROCRACKER**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to FISHER-ROSEMOUNT SYSTEMS, INC., Emerson Process Management, 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, 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

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

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 27th day of September, 2007.

State of Minnesota
County of Hennepin

Ravi Kant
Ravi KANT

John P. Miller
John P. MILLER

Tautho H. NGUYEN
Tautho H. NGUYEN

On this 27th day of September, 2007, before me, a Notary Public in and for the County and State aforesaid, 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: 11/31/2010 Lesley A. Reinsberg
Notary Public

