U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev. 08/05) United States Patent and Trademark Office OMB No. 0651-0027 (exp. 6/30/2008) RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(iea) Name: Merichem Company\_\_\_\_\_\_ Tiejun Zhang V. Keith Turner Internal Address: \_\_\_\_\_\_\_ Additional name(s) of conveying party(ies) attached? 🔲 Yes 🔀 No Street Address: 5455 Old Spanish Trail 3. Nature of conveyance/Execution Date(s): June 6, 2007 Execution Date(s)\_\_\_\_ Merger Assignment Houston \_\_\_\_\_\_ Citv: ☐ Security Agreement ☐ Change of Name State: Texas \_\_\_\_ ☐ Joint Research Agreement Government Interest Assignment Country: U.S.A. \_\_\_\_ Zip: \_\_\_77023 Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? 🔲 Yes 🔯 No Other ☐ This document is being filed together with a new application. 4. Application or patent number(s): B. Patent No.(s) A. Patent Application No.(s) 11/818,300 Additional numbers attached? 

Yes 

NO 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: 1\_ 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Name: David M. Frischkorn Internal Address: Authorized to be charged by credit card McDonnell, Boehnen, Hulbert, and Berghoff LLP Authorized to be charged to deposit account Enclosed Street Address: 300 South Wacker Drive ■ None required (government interest not affecting title) 8. Payment Information City:\_\_\_\_ Chicago State: Illinois \_ Zip: 60606 a. Credit Card Last 4 Numbers\_\_\_\_\_\_ Phone Number: 312/913-0001 Expiration Date \_\_\_\_ b. Deposit Account Number 13-2490 312/913-0002 Fax Number: Authorized User Name \_ David M. Frischkorn docketing@mbhb.com? Email Address:\_\_ August 16, 2007 9. Signature: \_\_\_\_\_\_/\_\_/ Date \_\_\_\_\_\_Total number of pages including cover David M. Frischkorn

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sheet, attachments, and document:

## <u>ASSIGNMENT</u>

Case No.: 07-516 Serial No.: 11/818,300

Inventors: Tiejun Zhang and V. Keith Turner

Date of Execution

of Application: Filing Date: June 14, 2007

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

## Merichem Company

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, entitled:

## IMPROVED SEPARATION PROCESS

and identified as:

## Case No. 07-516

in the offices of McDonnell Boehnen Hulbert & Berghoff LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

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

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

PATENT REEL: 019715 FRAME: 0829

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will 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 my hand and seal this letteray of feen. 2017.

State of

County of

2007 by <u>Lie per Jany</u>
NOTARY PUBLIC The foregoing instrument was acknowledged before me this Let day of

KAY TEGELER MY COMMISSION EXPIRES December 23, 2008

WITNESS my hand and seal this at day of June, 2007

V. Keith Turner

State of

County of

The foregoing instrument was acknowledged before me this Lite day of

NOTARY PUBLIC

KAY TEGELER
MY COMMISSION EXPIRES
December 23, 2008