

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>Darran Matthew Headley</td> <td>05/14/2012</td> </tr> <tr> <td>David R. Ewy</td> <td>05/14/2012</td> </tr> <tr> <td>Gary W. Gage</td> <td>05/14/2012</td> </tr> </tbody> </table>		Name	Execution Date	Darran Matthew Headley	05/14/2012	David R. Ewy	05/14/2012	Gary W. Gage	05/14/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Koch-Glitsch, LP</td> </tr> <tr> <td>Street Address:</td> <td>4111 E. 37th Street North</td> </tr> <tr> <td>City:</td> <td>Wichita</td> </tr> <tr> <td>State/Country:</td> <td>KANSAS</td> </tr> <tr> <td>Postal Code:</td> <td>67220</td> </tr> </table>		Name:	Koch-Glitsch, LP	Street Address:	4111 E. 37th Street North	City:	Wichita	State/Country:	KANSAS	Postal Code:	67220
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	(913)647-9057										
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Hovey Williams LLP										
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Address Line 2:	Suite 1000										
Address Line 4:	Overland Park, KANSAS 66210										
ATTORNEY DOCKET NUMBER:	43023										
NAME OF SUBMITTER:	Michael B. Hurd										
Total Attachments: 6											

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ASSIGNMENT

WHEREAS, WE, Darran Matthew Headley, of 4875 E. Idle Banks Circle, Valley Center, Kansas 67147; David R. Ewy, of 2700 S. 231st Street, Goddard, Kansas 67052; and Gary W. Gage, 1818 Santa Maria Court, Grand Prairie, Texas 75051, have invented certain new and useful improvements in USE OF DOWNCOMER BEAM TO SUPPORT ADJACENT CROSS FLOW TRAYS WITHIN A MASS TRANSFER COLUMN AND PROCESS INVOLVING SAME, for which WE are about to make application for Letters Patent of the United States; and

WHEREAS, Koch-Glitsch, LP, a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 4111 E. 37th Street North, Wichita, Kansas 67220, is desirous of acquiring an interest in, to, and under said invention, said Application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW, THEREFORE, to all whom it may concern be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Darran Matthew Headley, David R. Ewy, and Gary W. Gage, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Koch-Glitsch, LP, the full and exclusive right, title, and interest, throughout the world, in, to, and under the following:

- (a) said invention as fully set forth and described in the specification prepared and executed by me on even date herewith preparatory to obtaining Letters Patent of the United States therefor and identified under attorney Docket No. 43023;
- (b) said Application;
- (c) any and all refilings, divisional, and continuations of said Application;

- (d) any and all Letters Patent of the United States of America that may issue from said Application, refilings, divisions, and continuations;
- (e) any and all reissues of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent on said invention that may hereafter be filed in any and all countries foreign to the United States of America, together with all rights to file and to claim priority in connection with said foreign-filed applications;
- (g) any and all refilings, divisions, and continuations of said foreign-filed applications;
- (h) any and all Letters Patent of countries foreign to the United States of America that may issue from said foreign-filed applications, refilings, divisions, and continuations; and
- (i) any and all extension of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said Koch-Glitsch, LP for its own use and behoof, and for its successors, legal representatives, and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent in accordance with this Assignment.

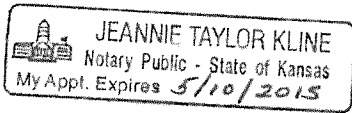
We further agree to execute all paperwork and provide any other requested, non-monetary assistance in procuring, perfecting, enforcing, and/or defending Koch-Glitsch, LP's rights in the rights assigned herein.

Executed this 14th day of May, 2012.

Darran Matthew Headley
Darran Matthew Headley

STATE OF KANSAS)
) SS.
COUNTY OF SEDGWICK)

On this 14th day of May, 2012, before me personally appeared Darran Matthew Headley, of 4875 E. Idle Banks Circle, Valley Center, Kansas 67147, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Jeannie Taylor Kline
Notary Public

My Commission Expires: May 10, 2015

Executed this 14th day of MAY, 2012.

David R Ewy
David R. Ewy

STATE OF KANSAS)
) SS.
COUNTY OF SEDGWICK)

On this 14th day of May, 2012, before me personally appeared David R. Ewy, of 2700 S. 231st Street, Goddard, Kansas 67052, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Jeannie Taylor Kline
Notary Public

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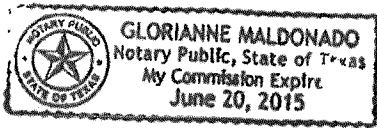

Gary W. Gage

STATE OF TEXAS)
) SS.
COUNTY OF DALLAS)

On this 14th day of May, 2012, before me personally appeared Gary W. Gage, 1818 Santa Maria Court, Grand Prairie, Texas 75051, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

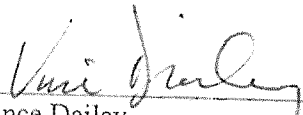

Notary Public

My Commission Expires: June 20, 2015



Koch-Glitsch, LP hereby declares it accepts the rights and property hereby assigned and transferred to it.

Koch-Glitsch, LP

By: 
Vince Dailey
President and Chief Operating Officer of KGGP,
LLC, General Partner for Koch-Glitsch, LP