

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Jin-Hwa Song</td> <td>12/11/2008</td> </tr> <tr> <td>Kevin C. Furman</td> <td>12/17/2008</td> </tr> <tr> <td>Gary R. Kocis</td> <td>12/11/2008</td> </tr> <tr> <td>Michael K. McDonald</td> <td>01/23/2009</td> </tr> <tr> <td>Philip H. Warrick</td> <td>12/11/2008</td> </tr> <tr> <td>Chad D. Reimann</td> <td>12/23/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jin-Hwa Song	12/11/2008	Kevin C. Furman	12/17/2008	Gary R. Kocis	12/11/2008	Michael K. McDonald	01/23/2009	Philip H. Warrick	12/11/2008	Chad D. Reimann	12/23/2008
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Philip H. Warrick	12/11/2008														
Chad D. Reimann	12/23/2008														
RECEIVING PARTY DATA															
Name:	ExxonMobil Research and Engineering Company														
Street Address:	1545 Route 22 East														
Internal Address:	P. O. Box 900														
City:	Annandale														
State/Country:	NEW JERSEY														
Postal Code:	08801-0900														
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>12292600</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12292600										
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Application Number:	12292600														
CORRESPONDENCE DATA															
Fax Number:	(703)846-7799														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	703-846-1125														
Email:	martha.l.everett@exxonmobil.com														
Correspondent Name:	ExxonMobil Research and Engineering Co.														
Address Line 1:	1545 Route 22 East														
Address Line 2:	P. O. Box 900														
Address Line 4:	Annandale, NEW JERSEY 08801-0900														
ATTORNEY DOCKET NUMBER:	2007EM381-US2														

CH \$40.00 12292600

PATENT

NAME OF SUBMITTER:

W. Robinson H. Clark

Total Attachments: 5

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ASSIGNMENT
INVENTOR or INVENTORS:

Jin-Hwa Song
Phillip H. Warrick

Kevin C. Furman
Chad D. Reimann

Gary R. Kocis

Michael K. McDonald

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED's invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

"SYSTEM FOR OPTIMIZING BULK PRODUCT ALLOCATION, TRANSPORTATION AND BLENDING"

said application having been executed on the 11th day(s) of December, 2008, and being further identified as Case Number 2007EM381-US2; and all rights of priority created by said application under provisions of international conventions or treaties.

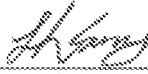
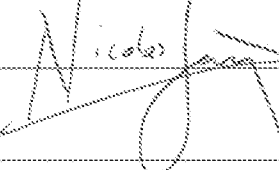
2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date <u>12/11/2008</u>	Inventor <u></u> (LS) Jin-Hwa Song	Witness <u></u>
Date _____	Inventor _____ (LS) Kevin C. Furman	Witness _____
Date _____	Inventor _____ (LS) Gary R. Kocis	Witness _____
Date _____	Inventor _____ (LS) Michael K. McDonald	Witness _____
Date _____	Inventor _____ (LS) Phillip H. Warrick	Witness _____
Date _____	Inventor _____ (LS) Chad D. Reimann	Witness _____
Date _____	Inventor _____ (LS)	Witness _____

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PATENT TRADEMARK OFFICE

Family Number: 2007EM381-US2

ASSIGNMENT
INVENTOR or INVENTORS:

Jin-Hwa Song
Philip H. Warrick

Kevin C. Furman
Clad D. Reimann

Gary R. Kocis

Michael K. McDonald

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, (its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED's invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

"SYSTEM FOR OPTIMIZING BULK PRODUCT ALLOCATION, TRANSPORTATION AND BLENDING"

said application having been executed on the 17th day(s) of December, 2008, and being further identified as Case Number 2007EM381-US2; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

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Date _____ Inventor Jin-Hwa Song (LS) Witness _____

Date 12/17/2008 Inventor Kevin C. Furman (LS) Witness [Signature]

Date _____ Inventor Gary R. Kocis (LS) Witness _____

Date _____ Inventor Michael K. McDonald (LS) Witness _____

Date _____ Inventor Philip H. Warrick (LS) Witness _____

Date _____ Inventor Clad D. Reimann (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

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PATENT TRADEMARK OFFICE

Family Number: 2007EM381-US2

ASSIGNMENT
INVENTOR or INVENTORS:

Hu-Hwa Song
Philip H. Warrick

Kevin C. Furman
Chad D. Reimann

Gary R. Kocis

Michael K. McDonald

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IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date Inventor Hu-Hwa Song (I.S) Witness

Date Inventor Kevin C. Furman (I.S) Witness

Date 12/11/08 Inventor Gary R. Kocis (I.S) Witness Philip D. Reimann

Date Inventor Michael K. McDonald (I.S) Witness

Date 12/11/08 Inventor Philip H. Warrick (I.S) Witness Kevin C. Furman

Date Inventor Chad D. Reimann (I.S) Witness

Date Inventor (I.S) Witness

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PATENT TRADEMARK OFFICE

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ASSIGNMENT
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"SYSTEM FOR OPTIMIZING BULK PRODUCT ALLOCATION, TRANSPORTATION AND BLENDING"

said application having been executed on the 23rd day(s) of January, 2009, and being further identified as Case Number 2007EM381-US2; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

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Date _____ Inventor Jin-Hwa Song (I.S) Witness _____

Date _____ Inventor Kevin C. Furman (I.S) Witness _____

Date _____ Inventor Gary R. Kocis (I.S) Witness _____

Date 1/23/09 Inventor Michael K. McDonald (I.S) Witness Debra M. Ventrone

Date _____ Inventor Philip H. Warrick (I.S) Witness _____

Date _____ Inventor Chad D. Reimann (I.S) Witness _____

Date _____ Inventor _____ (I.S) Witness _____

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INVENTOR or INVENTORS:

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Gary R. Kozis

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Date Inventor Kevin C. Furman (U.S.) Witness

Date Inventor Gary R. Kozis (U.S.) Witness

Date Inventor Michael K. McDonald (U.S.) Witness

Date Inventor Philip H. Warrick (U.S.) Witness

Date 12-23-08 Inventor [Signature] (U.S.) Witness [Signature]

Date Inventor (U.S.) Witness

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PATENT TRADEMARK OFFICE

Family Number: 2007EM381-US2

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