

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Guang Cao</td> <td>09/27/2007</td> </tr> <tr> <td>Matu J. Shah</td> <td>09/27/2007</td> </tr> <tr> <td>Sebastian C. Reyes</td> <td>10/01/2007</td> </tr> </tbody> </table>		Name	Execution Date	Guang Cao	09/27/2007	Matu J. Shah	09/27/2007	Sebastian C. Reyes	10/01/2007				
Name	Execution Date												
Guang Cao	09/27/2007												
Matu J. Shah	09/27/2007												
Sebastian C. Reyes	10/01/2007												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ExxonMobil Research and Engineering Company</td> </tr> <tr> <td>Street Address:</td> <td>1545 Route 22 East</td> </tr> <tr> <td>Internal Address:</td> <td>P. O. Box 900</td> </tr> <tr> <td>City:</td> <td>Annandale</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08801-0900</td> </tr> </table>		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
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 style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11973102</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11973102								
Property Type	Number												
Application Number:	11973102												
CORRESPONDENCE DATA													
Fax Number: (908)730-3649 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 908-730-3675 Email: gail.f.summerfield@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:	11/973,102(2006EM165-US2)												
NAME OF SUBMITTER:	Bruce M. Bordelon												
Total Attachments: 1													

CH \$40.00 11973102

501305373

PATENT
REEL: 025062 FRAME: 0878

ASSIGNMENT
INVENTOR or INVENTORS:

GUANG CAO

MATU J. SHAH

SEBASTIAN C. REYES

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

SYNTHESIS OF ITQ-12

said application having been executed on the 27th September 1st day(s) of October 2007, and being further identified as Case Number PEP-0707; 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>Sept 27, 2007</u>	Inventor <u>Guang Cao</u> (LS) GUANG CAO	Witness <u>[Signature]</u>
Date <u>Sept 27, 2007</u>	Inventor <u>Matu J. Shah</u> (LS) MATU J. SHAH	Witness <u>[Signature]</u>
Date <u>Oct 1 / 2007</u>	Inventor <u>Sebastian C. Reyes</u> (LS) SEBASTIAN C. REYES	Witness <u>[Signature]</u>

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____

Date _____ Inventor _____ (LS) Witness _____



27810

PATENT TRADEMARK OFFICE

Family Number: 2006EM165-US2

PATENT

RECORDED: 09/29/2010

REEL: 025062 FRAME: 0880