

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>Rafael L. Espinoza</td> <td>12/13/2004</td> </tr> <tr> <td>Kandaswamy Jothimurugesan</td> <td>12/17/2004</td> </tr> <tr> <td>Kevin L. Coy</td> <td>12/14/2004</td> </tr> </tbody> </table>		Name	Execution Date	Rafael L. Espinoza	12/13/2004	Kandaswamy Jothimurugesan	12/17/2004	Kevin L. Coy	12/14/2004
Name	Execution Date								
Rafael L. Espinoza	12/13/2004								
Kandaswamy Jothimurugesan	12/17/2004								
Kevin L. Coy	12/14/2004								
RECEIVING PARTY DATA									
Name:	ConocoPhillips Company								
Street Address:	P.O. Box 1267								
City:	Ponca City								
State/Country:	OKLAHOMA								
Postal Code:	74602-1267								
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>10964988</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10964988				
Property Type	Number								
Application Number:	10964988								
CORRESPONDENCE DATA									
Fax Number:	(713)238-8008								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	713 238 8000								
Email:	ttumey@conleyrose.com								
Correspondent Name:	Tod T. Tumey								
Address Line 1:	P.O. Box 3267								
Address Line 4:	Houston, TEXAS 77253-3267								
NAME OF SUBMITTER:	Tod T. Tumey								
Total Attachments: 3 source=_0121163402_001#page1.tif source=_0121163402_001#page2.tif source=_0121163402_001#page3.tif									

CH \$40.00 10964988

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by ConocoPhillips Company, and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **Rafael L. Espinoza, Kandaswamy Jothimurugesan and Kevin L. Coy** are joint inventors ("ASSIGNORS"), having made an invention in **Silica-Alumina Catalyst Support with Bimodal Pore Distribution, Catalysts, Methods of Making and Using Same**, while in the employ either as an employee or consultant of ConocoPhillips Company, a corporation organized and existing under the laws of the State of Delaware, doing business in Houston, Texas (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ConocoPhillips Company its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in **Silica-Alumina Catalyst Support with Bimodal Pore Distribution, Catalysts, Methods of Making and Using Same**;
2. United States of America patent application on said invention, Serial No. 10/964,988, filed October 14, 2004, Attorney's File No. 1856-24101 (9541.0-01), entitled **Silica-Alumina Catalyst Support with Bimodal Pore Distribution, Catalysts, Methods of Making and Using Same**;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world;
4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes;
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
8. All international rights of priority associated with said invention, applications, patents and like protection;

and we covenant that we, and our heirs, legal representatives, assigns, administrators, and executors, will, at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED at Ponca City, Oklahoma on the date indicated below, opposite our signatures.

ASSIGNORS

Date: Dec 13, 2004



 Rafael L. Espinoza


THE STATE OF OKLAHOMA §
 § Note: Ponca City is in Kay county
 COUNTY OF KAY §

BEFORE ME, the undersigned authority, on this day personally appeared **Rafael L. Espinoza**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 13th day of December 2004.

[S E A L]





 Notary Public in and for
 the State of Oklahoma

My Commission Expires:
November 12, 2006

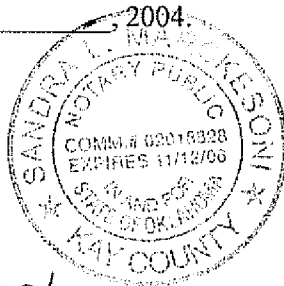
Date: Dec 17, 2004

K. Jothimurugesan
Kandaswamy Jothimurugesan

THE STATE OF OKLAHOMA §
 §
COUNTY OF KAY §

BEFORE ME, the undersigned authority, on this day personally appeared **Kandaswamy Jothimurugesan**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 17th day of December, 2004.



[SEAL]

Sandra L. Marckeson
Notary Public in and for
the State of Oklahoma

My Commission Expires:

November 12, 2006

Date: December 14, 2004

Kevin L. Coy
Kevin L. Coy

THE STATE OF OKLAHOMA §
 §
COUNTY OF KAY §

BEFORE ME, the undersigned authority, on this day personally appeared **Kevin L. Coy**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 14th day of December, 2004.



[SEAL]

Sandra L. Marckeson
Notary Public in and for
the State of Oklahoma

My Commission Expires:

November 12, 2006