

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rafael L. Espinoza	01/21/2004
Kandaswamy Jothimurugesan	01/22/2004
Ajoy P. Raje	01/21/2004
Kevin L. Coy	01/27/2004
Nithya Srinivasan	01/28/2004

RECEIVING PARTY DATA

Name:	ConocoPhillips Company
Street Address:	600 North Dairy Ashford
City:	Houston
State/Country:	TEXAS
Postal Code:	77079

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10743856

CORRESPONDENCE DATA

Fax Number: (580)767-2326

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: david.w.westphal@conocophillips.com

Correspondent Name: David W. Westphal

Address Line 1: P.O. Box 1267

Address Line 4: Ponca City, OKLAHOMA 74602-1267

NAME OF SUBMITTER:

Marcella D. Watkins

Total Attachments: 4

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PATENT

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REEL: 015042 FRAME: 0498

CH \$40.00 10743856

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, AJOY P. RAJE, KEVIN L. COY and NITHYA SRINIVASAN are joint inventors ("ASSIGNORS"), having made an invention in ATTRITION RESISTANT BULK METAL CATALYSTS AND 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 ATTRITION RESISTANT BULK METAL CATALYSTS AND METHODS OF MAKING AND USING SAME;
2. United States of America patent application on said invention, Serial No. 10/743,856, filed December 22, 2003, Attorney's File No. 1856-24401 (9600.0-01), entitled ATTRITION RESISTANT BULK METAL CATALYSTS AND 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;

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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: Jan 21, 2004


Rafael L. Espinoza

THE STATE OF OKLAHOMA §
 §
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.

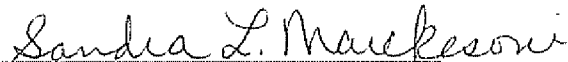
GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 21st day of January, 2004.

[SEAL]

My Commission Expires:

November 12, 2006




Notary Public in and for
the State of Oklahoma

Date: 1/22/04

K. Jothimurugesan
Kandaswamy Jothimurugesan

THE STATE OF OKLAHOMA §
§
COUNTY OF KAY §

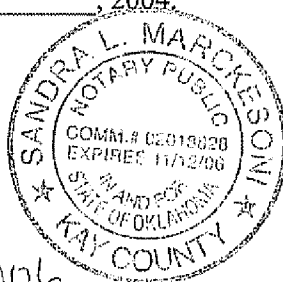
BEFORE ME, the undersigned authority, on this day personally appeared Kandaswamy Jothimurugesan, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 22nd day of January, 2004.

[SEAL]

My Commission Expires:

November 12, 2006



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

Date: 1/21/2004

Ajoy P. Raje
Ajoy P. Raje

THE STATE OF OKLAHOMA §
§
COUNTY OF KAY §

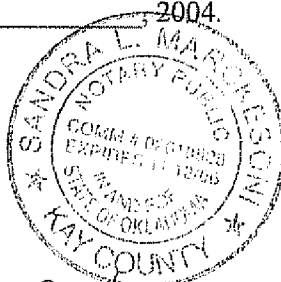
BEFORE ME, the undersigned authority, on this day personally appeared Ajoy P. Raje, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 21st day of January, 2004.

[SEAL]

My Commission Expires:

November 12, 2006



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

Date: January 27, 2004

Kevin L. Coy
Kevin L. Coy

THE STATE OF OKLAHOMA §
COUNTY OF KAY §

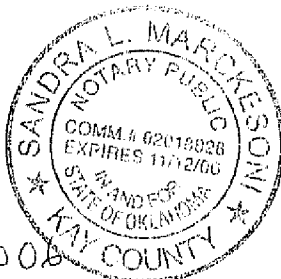
BEFORE ME, the undersigned authority, on this day personally appeared Kevin L. Coy, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 27th day of January, 2004.

[SEAL]

My Commission Expires:

November 12, 2008



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

Date: 1/28/04

Nithya Srinivasan
Nithya Srinivasan

THE STATE OF OKLAHOMA §
COUNTY OF KAY §

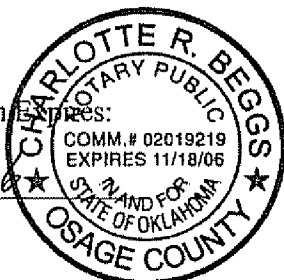
BEFORE ME, the undersigned authority, on this day personally appeared Nithya Srinivasan, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 28th day of January, 2004.

[SEAL]

My Commission Expires:

11/18/06
117565/01/1856.24401



Charlotte R. Beggs
Notary Public in and for
the State of Oklahoma