

04-26-2002

Attorney Docket No. 1856-16302

(9289.0-00)



FORM PTO-1595
(Rev. 3/01) Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002)

102069532

U. S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties(ies): **4-15-02**
1. Olga Ionkina; 2. Wenchun Chao;
3. Munirpallam A. Subramanian; 4. Leo E. Manzer
5. Kamel M. Makar; 6. Ajoy P. Raje
Additional name(s) of conveying party(ies):
Attached? Yes No

2. Name and address of receiving party(ies):
Conoco Inc.
600 North Dairy Ashford
Houston, Texas 77079

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Dates: 1. 03/18/02; 2. 03/15/02; 3. 03/27/02
4. 03/28/02; 5. 04/02/02; 6. 03/18/02

Additional name(s) & address(es)
Attached? Yes No

4. Application number(s) or patent number(s): _____
If this document is being filed together with a new application, the execution date of the application is : _____

A. Patent Application No.(s). 10/047,231
Additional numbers attached? Yes No

B. Patent No.(s).
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
David W. Westphal
Conoco Inc.
P. O. Box 483
Houston, Texas 77210-4783

6. Total number of application and patents involved: 1
7. Total fee (37 CFR 3.41)\$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: 03-2769
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document
SARAH S. BITTNER [Signature] April 8, 2002
Name of Person Signing Signature Date

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D. C. 20231

04/26/2002 LMUELLER 00000031 032769 10047231
01 FC:581 40.00 CH

PATENT
REEL: 12817 FRAME: 0673

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by CONOCO INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, OLGA IONKINA and AJOY P. RAJE, along with WENCHUN CHAO, MUNIRPALLAM A. SUBRAMANIAN, LEO E. MANZER and KAMEL M. MAKAR are joint inventors ("ASSIGNORS"), having made an invention in BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES, while in the employ either as an employee or consultant of CONOCO INC., 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 CONOCO INC. its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES;
2. United States of America patent application on said invention, Serial No. 10/047,231, filed January 14, 2002 Attorney's File No. 1856-16302, BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES;
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 signature.

ASSIGNORS

Date: 03/18/02

O. Ionkina
Olga Ionkina

THE STATE OF OKLAHOMA §
 §
COUNTY OF KAY §

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

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 18th day of March, 2002.

[S E A L]

Suzee A Hayes
Notary Public in and for
the State of Oklahoma

My Commission Expires:

April 18, 2003

Date: 03 / 18 / 02

Ajoy P. Rajé
Ajoy P. Rajé

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 18th day of March, 2002.

[S E A L]

Suzee A Hayes
Notary Public in and for
the State of Oklahoma

My Commission Expires:
April 18, 2003

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to me by CONOCO INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, WENCHUN CAHO, along with OLGA IONKINA, MUNIRPALLAM A. SUBRAMANIAN, LEO E. MANZER, KAMEL M. MAKAR and AJOY P. RAJE, and are joint inventors ("ASSIGNORS"), having made an invention in BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES, while in the employ either as an employee or consultant of CONOCO INC., 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 CONOCO INC. its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES;
2. United States of America patent application on said invention, Serial No. 10/047,231, filed January 14, 2002 Attorney's File No. 1856-16302, BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES;
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my 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 me or my 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 I covenant that I, and my 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 the place and on the date indicated below, opposite my signature.

Date: 3/15/02

ASSIGNOR

Wenchun Chao

Executed at: State College PA

THE STATE OF PENNSYLVANIA §
§
COUNTY OF Centre §

BEFORE ME, the undersigned authority, on this day personally appeared WENCHUN CHAO, 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 15th day of March, 2002

[SEAL]

Notary Public in and for
the State of Pennsylvania

My Commission Expires:

Notarial Seal
State College Borough
Cynthia B. Vincenti, Notary Public
Centre County, Pennsylvania
My Commission Expires Sept. 6, 2002

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS (\$10.00) cash in hand paid to us by CONOCO INC., and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, MUNIRPALLAM A. SUBRAMANIAN, LEO E. MANZER, KAMEL M. MAKAR, and along with OLGA IONKINA, WENCHUN CHAO and AJAY P. RAJE are joint inventors ("ASSIGNORS"), having made an invention in BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES, while in the employ either as an employee or consultant of CONOCO INC., 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 CONOCO INC. its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES;
2. United States of America patent application on said invention, Serial No. 10/047,231, filed January 14, 2002 Attorney's File No. 1856-16302, BORON PROMOTED CATALYSTS AND FISCHER-TROPSCH PROCESSES;
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 Wilimington, Delaware on the date indicated below, opposite our signatures.

ASSIGNORS:

Date: 03/27/02

Munirapallam A. Subramanian
Munirapallam A. Subramanian

THE STATE OF DELAWARE §
 §
COUNTY OF NEW CASTLE §

BEFORE ME, the undersigned authority, on this day personally appeared MUNIRAPALLAM A. SUBRAMANIAN, 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 March, 2002.

[S E A L]

Tanya D. Rowes
Notary Public in and for
the State of Delaware

My Commission Expires:
10/9/04

Date: 4/2/02

Kamel M. Makar
Kamel M. Makar

THE STATE OF DELAWARE §
 §
COUNTY OF NEW CASTLE §

BEFORE ME, the undersigned authority, on this day personally appeared KAMAL M. MAKAR, 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 2nd day of April, 2002.

[SEAL]

K. D. Wick
Notary Public in and for
the State of Delaware

My Commission Expires:

June 11 2003