

09-17-2003



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1. Name of conveying party(ies):
 Teng Xu September 03, 2003
 Stephen Vaughn September 03, 2003
 Richard Hall September 03, 2003
 Kenneth Clem September 04, 2003
 Jack Johnson September 04, 2003

MRD
9-5-03

2. Name and address of receiving party(ies):

Name: ExxonMobil Chemical Patents Inc.

Internal Address: _____

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Street Address: 13501 Katy FreewayCity: HoustonState: TXZIP: 77079Execution Date: September 3&4, 2003Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

10657057

If this document is being filed together with a new application, the execution date of the application is: Sept. 3&4, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jaime SherInternal Address: ExxonMobil Chemical CompanyLaw TechnologoyStreet Address: P O Box 2149

09/16/2003 LUNELLER 00000122 051712 10657057

01 FC:0021 40.00 BA

City: BaytownState: TXZIP: 775226. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

05-1712

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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.

Jaimes Sher (Reg. No.: 34,726)

Name of Person Signing

Signature

September 05, 2003

Date

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 014490 FRAME: 0816

ASSIGNMENT**INVENTOR or INVENTORS:**TENG XUSTEPHEN VAUGHNRICHARD HALLKENNETH CLEMJACK JOHNSON

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

- 1) UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., 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

LOW METAL CONTENT CATALYST COMPOSITIONS AND PROCESSES FOR MAKING AND USING SAME

said application having been executed on the 3rd 4th day(s) of September 2003, and being further identified as Case No. 2003B093; 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's attorney to insert at paragraph 1, 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 09/03/2003 T. emb X
Inventor

M. Clure 09-03-03
Witness

DATE 9/3/03 John Vansh
Inventor

Jan A Bush
Witness

DATE 9/4/03 Kenneth R. Cherry
Inventor

Ford
Witness

DATE _____
Inventor

Witness

ASSIGNMENT

INVENTOR or INVENTORS:

TENG XU

STEPHEN VAUGHN

RICHARD HALL

KENNETH CLEM

JACK JOHNSON

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

DATE Sept 03 2003 *Richard M. Hall*
Inventor

Gary Myers *Gary Myers*
Witness

DATE _____
Inventor

Witness

DATE _____
Inventor

Witness

DATE _____
Inventor

Witness

ASSIGNMENT

INVENTOR or INVENTORS:

TENG XURICHARD HALLJACK JOHNSONSTEPHEN VAUGHNKENNETH CLEM

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

DATE Sept. 4, 2003 Jack W. Johnson Inventor
Joe Chris E. Brewer Sept. 4, 2003 Witness

DATE _____ Inventor

Witness

DATE _____ Inventor

Witness

DATE _____ Inventor

Witness