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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)/Execution Date(s):

Saeed ZARRINPASHNE; Reza AHMADI; Seyyed Madjid ZEKORDI

Execution Date(s) November 10, 2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: Research Institute of Petroleum Industry (RIPI)

Internal Address: \_\_\_\_\_

Street Address: Pazhoooheshqah Boulevard

Old Qom Road

City: Tehran

State: \_\_\_\_\_

Country: Iran Zip: 18799

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/220,740

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Patrick J. Birde

Internal Address: \_\_\_\_\_

KENYON & KENYON LLP

Street Address: ONE BROADWAY

City: NEW YORK

State: NEW YORK Zip: 10004

Phone Number: 212-425-7200

Fax Number: 212-425-5288

Email Address: \_\_\_\_\_

### 6. Total number of applications and patents involved:

01

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

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Authorized User Name Payam Moradian

### 9. Signature:

Payam Moradian  
Signature

March 14, 06  
Date

Payam Moradian (Reg. No. 52,048) (13513/1)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

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700250577

PATENT  
REEL: 017337 FRAME: 0137

CH \$40.00 110600 11220740

[13513/1]

ASSIGNMENT

WHEREAS, we,

Saeed ZARRINPASHNE  
No. 14  
Banafsheh Alley  
Nofallah St.  
Azadi Ave.  
Citizenship: Iran

and

Reza AHMADI  
No. 17  
Baradarane-e-Arab St.  
Jeyhoon St.  
Azadi Ave.  
Citizenship: Iran

and

Seyyed Madjid ZEKORDI  
No. 4  
Mohebbi Alley  
Faghihi Shirazi Alley  
Iran St.  
Baharestan Sq.  
Citizenship: Iran

have made inventions and discoveries in **IMPROVED CATALYST FOR DIRECT CONVERSION OF METHANE TO ETHANE AND ETHYLENE** for which a provisional application was filed on September 6, 2005 and assigned U.S. Application Serial No. 11/220,740;

WHEREAS, Research Institute of Petroleum Industry (RIPI), having a place of business at Pazhooeshgah Boulevard, Old Qom Road, Tehran, 18799 Iran, and who, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said provisional application, any and all other applications for Letters Patent on said inventions and discoveries, including all provisional, non-provisional, divisional, renewal, substitute, and continuation applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters

Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent.

2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under an International Convention or otherwise.

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct.

4. Warrant that we have not conveyed to others any right, title, or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that we have good right to assign the same to Assignee without encumbrance; and that we are aware of no claim to the contrary.

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries; and to testify to the same in any interference, arbitration, or litigation.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 10 day  
of 11, 2005.

S. Zarrinpashne  
Saeed ZARRINPASHNE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 10 day  
of 11, 2005.

Reza Ahmadi  
Reza AHMADI

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 10 day  
of 11, 2005.

Zekordish

Seyyed Madjid ZEKORDI



One Broadway  
New York, NY 10004-1007  
212.425.7200  
Fax 212.425.5288

### **Fax Transmission**

From: **Gary Cennerazzo** Date: **March 14, 2006**  
Direct Dial: **212.908.6484** Fax: **212.425.5288**  
Client/Matter: **13513/1** Total number of pages: **7**  
(including cover)

**Application No.: 11/220,740**

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Comments:

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**PATENT**

**RECORDED: 03/14/2006**

**REEL: 017337 FRAME: 0143**