PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hossein Manafi VARKIANI	09/29/2008
Kambiz Zadeh SADAGHIANI	09/15/2008
Hamid BAKHTYARI	09/15/2008
Hamid GODINI	09/19/2008
Laleh SHIRAZI	09/13/2008
Akbar ZAMANIYAN	09/15/2008
Mahmoud KHAKPOUR	09/29/2008

RECEIVING PARTY DATA

Name:	Research Institute of Petroleum Industry (RIPI)	
Street Address:	West Blvd., Olympic Village Blvd., Azadi Sports Complex	
City:	Tehran	
State/Country: IRAN		
Postal Code:	18799	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12221892

CORRESPONDENCE DATA

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PATENT

500687369 REEL: 021741 FRAME: 0793

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NAME OF SUBMITTER:	Daniel G. Harris
Total Attachments: 5 source=10-27-2008_Assignment#page1.tif source=10-27-2008_Assignment#page2.tif source=10-27-2008_Assignment#page3.tif source=10-27-2008_Assignment#page4.tif source=10-27-2008_Assignment#page5.tif	

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ASSIGNMENT

WHEREAS, We,

Hossein Manafi VARKIANI, a citizen of Iran Vafaazar St. No. 38, Kashani Ave. 18799 Tehran Iran

Kambiz Zadeh SADAGHIANI, a citizen of Iran No. 202, ASP Living Complex, Kordestan Blv. 18799 Tehran Iran

Hamid BAKHTYARI, a citizen of Iran Apt. 6, No. 37, Eastern Golzar, North Januatabad 18799 Tehran Iran

Hamid GODINI, a citizen of Iran Kasra St. 13, Sahara Alley 67189 Kermanshah Iran

Laleh SHIRAZI, a citizen of Iran No. 2.25, First Floor, Minaseresht Alley, Sarbaz Avc., Sepah Square 18799 Tehran Iran

Akbar ZAMANIYAN, a citizen of Iran No. 38, Nasim Dead End, Eram Ave., Ferdowski Blv. 18799 Tehran Iran

Mahmoud KHAKPOUR, a citizen of Iran No. 30, Fayzi Alley, Ghasem Abad Avc., Tehran Noo 18799 Tehran Iran

have made inventions and discoveries of the subject matter that is claimed and for which a letters patent is sought on the invention entitled A METHOD FOR THE PRODUCTION OF DIMETHYL ETHER, the specification of which was filed on August 6, 2008 and assigned U.S. Serial No. 12/221,892 in the United States Patent and Trademark Office.

WHEREAS, Research Institute of Petroleum Industry (RIPI), having a place of business at West Blvd., Olympic Village Blvd., Azadi Sports Complex; 18799 Tehran; Iran,

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and who, together with its successors and assigns, are 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 Assignce 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, modeis, 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 29 day of September, 2008. H. Manaki. Hossein Manafi Varkiani	
Sept. IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15 day of L. Sadaghiani.	
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15 day of Sept	

IN TESTIMONY WHEREOF, I have bereunto set my hand and seal this 19 day of September 2008.
IN TESTIMONY WHEREOF, I have bereunto set my hand and seal this 19 day of September, 2008. Hamid Godini
IN TESTIMONY WHEREOF, I have hereunto set my hand and scal this 13 day of 2008. L. Shurezel Lalch Shirazi
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15 day of Sup. 2008. A. Zai Mani Gan Akbar Zamaniyan

IN TESTEMONY WHEREOF, I have hereunto set my hand and seal this $\frac{99}{2008}$ day of

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