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103239460 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Sarvesh Kumar (3/16/2006), Alex C. Pulikottil (3/16/2006), Alok Sharma (3/16/2006), Ujjwal Manna (3/16/2006), Manoranjan Santra (3/16/2006), and Ram P. Verma (3/16/2006) Indian Oil Corporation Ltd Name: Internal Address: Additional name(s) of conveying party(ies) attached? X No Street Address: 3. Nature of conveyance/Execution Date(s): R & D Centre, Sector - 13, Execution Date(s): in parentheses after inventor name Faridabad--INDIA x Assignment Merger Change of Name Joint Research Agreement Security Agreement City: \_ Government Interest Assignment State: Executive Order 9424, Confirmatory License Country: Additional name(s) & address(es) attached? 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 11/352,955 Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and 1 concerning document should be mailed: patents involved: Name: Rajiv P. Sarathy PERKINS COIE LLP 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: Atty. Dkt.: 594258003US Authorized to be charged by credit card Street Address: P.O. Box 1247 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) Seattle City: 8. Payment Information Zip: 98111-1247 State: a. Credit Card Last 4 Numbers (206) 359-8000 **Expiration Date** Phone Number: (206) 359-9000 Fax Number: b. Deposit Account Number Authorized User Name Email Address: 9. Signature: May 9, 2006 Chen Liang - 51,945 Total number of pages including cover 2 sheet, attachments, and documents: Name of Person Signing

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**PATENT** REEL: 017898 FRAME: 0221

## ASSIGNMENT AND AGREEMEMENT

For value received, we. Sarvesh Kumar, Cheru A. Pulikottil, Alok Sharma, Ujjwal Manna, Manoranjan Santra and Ram P. Verma

hereby sell, assign and transfer to Indian Oil Corporation Ltd., R&D Centre, Sector-13, Faridabad-121 007, Haryana, India, and its successors, assigns and legal representatives, our entire rights, title and interest, for all countries, in and to certain inventions relating to ADSORBENT COMPOSITION FOR REMOVAL OF REFRACTORY SULPHUR COMPOUNDS FROM REFINERY STREAMS AND PROCESS THEREOF described in an application for Patents

## Indian Patent Application No 2046 DEL/2005: Filed on: August 1, 2005

and all our rights and privileges including any and all benefits under the International Convention for the Protection of Industrial Property, under any and all Patents which may be granted therefore, and under any and all extensions, divisionals, reissues and continuation of said application for Patents, including any foreign applications derived therefrom, equivalent thereto or claiming priority thereof

We request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We covenant with said as ignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are tree and clear of any encumbrance, and that we have full rights to convey the same as herein expressed.

Signed at Familiable this 12 day of March	
Sarvesh Kumar ck C. <del>Cheru A</del> . Pulikottil	Skinne
Alok Sharma	Not
Ujjwal Manna	than e
Manoranjan Santra	
Ram P. Verma	Marie Ca.

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