Apr-01-2002 03:48pm From-EXXONMOBIL LAW DEPT, 9087303649 T-743 P.001/002 F-745 U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET FORM PTO-1595 Patent and Trademark Office (Rev. 6-93) PATENTS ONLY OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) Name of conveying party(ies): Ramesh Gupta Name: ExxonMobil Research & Engineering Company Salvatore J. Rossetti Internal Address: Law Department Street Address: 1545 Route 22 East, P. O. Box 900 State: New Jersey ZIP: 08801 City: Annandale Additional name(s) of conveying party(ies) attached? 🗆 Yes 🗀 No Sent via Facsimile on: 4/1/0 2 Nature of conveyance: To: 703-306-5995 Merger ☑ Assignment Return Facsimile to Teresa L. Lachowski 908-730-3649 □ Change of Name Security Assignment Family No.: P1999J032B Other ____ Additional name(s) & address(es) attached? ☐ Yes 🗵 No Execution Date: January 2, 3, 2002 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: B. Patent No.(s) Patent Application No.(s) 09/974,561 filed October 10, 2001 Additional numbers attached? ☐ Yes 图 No Total number of applications and patents involved: Name and address of party to whom correspondence 7 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40.00 Name: ExxonMobil Research & Engineering Company □ Enclosed Internal Address: <u>Law Department</u> Authorized to be charged to deposit account 8. Deposit account number: Street Address: _____1545 Route 22 East _____ 05-1330 P.O. Box 900 (Attach duplicate copy of this page if paying by deposit account) State: NJ ZIP: 08801-0900 City: Annandale DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoting information is true and correct and any attached copy is a true copy of the original document/ Paul E. Purwin Name of Person Signing Total number of pages including cover sheet, attachments, and document:

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

ASSIGNMENT — INVENTORS:

Ramesh Gupta

Salvatore J. Rossetti

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), 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 FOULING TOLERANT FIXED BED REACTOR WITH VIRTUAL SECOND BED (U.S. Serial No. 09/974,561)

said application having been executed on the <u>2nd & 3rd</u> day(s) of <u>January</u>, 2002, and being further identified as Case Number <u>GBG-0104</u>; 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 to insert 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_ / - Z 0 2	Inventor Ramcel RAMESH GUPTA	Empte (LS) With	ess Rutton D. Patel
Date 1-3-52	Inventor Salvatore J. RO	OSSETTI (LS) With	ess Trances Rosetti
Date	Inventor	(LS) Witne	ess
Date	Inventor	(LS) Witne	#35
Date	Inventor	(LS) Witne	338
Date		(LS) Witne	sss

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