

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael Siskin
Glen E. Phillips
Kuangnan QianRamesh R. Hemrajani
Simon R. KelemenAdditional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Assignment☐ Change of Name☐ Other _____Execution Date(s): **December 3 and 6, 2002**

2. Name and address of receiving party(ies)

Name: ExxonMobil Research & Engineering Co.Internal Address: Law DepartmentStreet Address: 1545 Route 22 East, P. O. Box 900City: Annandale State: NJ ZIP: 08801**Sent via Facsimile on: December 16, 2002
TO 703-306-5995 by Shannon Maiocchi**

Return Facsimile Phone Number: (908) 730-3649

Family Number: **P2001J084**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. 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: _____

A. Patent Application No.(s)

10/293,397

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: ExxonMobil Research & Engineering CompanyInternal Address: Law DepartmentStreet Address: 1545 Route 22 EastP.O. Box 900City: Annandale State: NJ ZIP: 088016. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

05-1330

(Attach duplicate copy of this page if paying by deposit account)

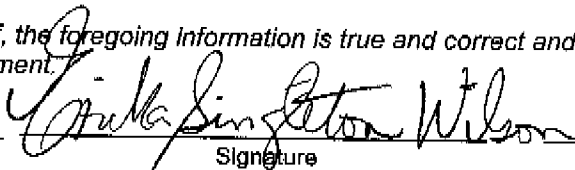
DO NOT USE THIS SPACE

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.

Erika Singleton Wilson

Name of Person Signing

☐ Pursuant to 37 CFR 1.34(a)Total number of pages including cover sheet, attachments, and document: 4


Signature

Date

12/18/02

Mail documents to be recorded with required coversheet information to:
 Commissioner for Patents, Box Assignments - Facsimile No. 1-703-306-5995
 Washington, D.C. 20231

700021659

PATENT
REEL: 013304 FRAME: 0760

**ASSIGNMENT
INVENTOR or INVENTORS:**

Michael SiskinRamesh R. HemraianiGlen E. PhillipsSimon R. KelemenKuangnan Qian

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

PROCESS FOR INCREASING YIELD IN COKING PROCESSES

said application having been executed on the 3rd, 6th day(s) of December 2002 and being further identified as Case Number ESW-0220; and all rights of priority created by said application under provisions of international conventions or treaties.


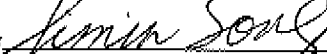
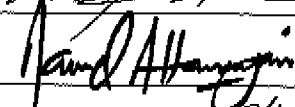


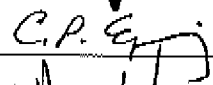


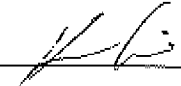
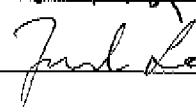
2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any 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 <u>12/3/2002</u>	Inventor <u></u>	(LS)	Witness <u></u>
Date <u>12/6/2002</u>	Inventor <u></u>	(LS)	Witness <u></u>
Date <u>6 Dec 02</u>	Inventor <u></u>	(LS)	Witness <u></u>
Date <u>12/3/2002</u>	Inventor <u></u>	(LS)	Witness <u></u>
Date <u>12/3/2002</u>	Inventor <u></u>	(LS)	Witness <u></u>
Date _____	Inventor _____	(LS)	Witness _____
Date _____	Inventor _____	(LS)	Witness _____
Date _____	Inventor _____	(LS)	Witness _____