Docket No.: 2003B001/2

| Form PTO-1595 (Rev. 10/02) | HEET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | | | |
|---|---|--|--|--|
| OMB No. 0651-0027 (exp. 6/30/200., 102625350 | T | | | |
| Tab settings → → ▼ | | | | |
| | e: Please record the attached original documents or copy thereof. | | | |
| 1. Name of conveying party(ies): David G. Marrow | 2. Name and address of receiving party(ies) | | | |
| Andrew M. Cochran | Name: ExxonMobil Chemical Patents Inc. | | | |
| Scott T. Roger | Internal Address: | | | |
| | S. P. 708 | | | |
| Additional name(s) of conveying party(ies) attached? Yes No | | | | |
| 3. Nature of conveyance: | SS SS SS SS SS SS SS S | | | |
| 🗵 Assignment 🗆 Merger | 100 | | | |
| ☐ Security Agreement ☐ Change of Name | Street Address: 13501 Katy Freeway | | | |
| | | | | |
| ☐ Other | | | | |
| | City: Houston State: Texas Zip: 77079 | | | |
| Execution Date: December 3 & 8, 2003 | Additional name(s) & address(es) attached? Yes No | | | |
| 4. Application number(s) or patent number(s): | 3731768 | | | |
| | lication, the execution date of the application is: 9 Dec 2003 | | | |
| A. Patent Application No.(s) | B. Patent No.(s) | | | |
| AWAITED | | | | |
| Additional numbers at | tached? ☐ Yes ☒ No | | | |
| 5.Name and address of party to whom correspondence | | | | |
| concerning document should be mailed: | 6. Total number of applications and patents involved: | | | |
| Name: Andrew B. Griffis | 7. Total fee (37 CFR 3.41)\$40.00 | | | |
| Internal Address: ExxonMobil Chemical Company | ☐ Enclosed | | | |
| P.O. Box 2149 | Authorized to be charged to deposit account | | | |
| | | | | |
| | 8. Deposit account number: | | | |
| Street Address: | | | | |
| | 05-1712 | | | |
| | | | | |
| City: Baytown State: Texas Zip: 77522 | (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. | | | | |
| Andrew B. Griffis Name of Person Signing | Signature December 9, 2003 Date | | | |
| | | | | |
| i otal number of pages including cover | er sheet, attachments, and documents | | | |

10731706 II documents to be recorded with required cover sheet information to:

Mail Stop Recordation Services, Director of the United States Patent & Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

01 FC:8021 40.00 BA

REEL: 014786 FRAME: 0982

ASSIGNMENT

INVENTOR or INVENTORS:

| David G. Marrow | Andrew M. Cochran |
|-----------------|-------------------|
| Scott T. Roger | |
| | |

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., 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

On-Line Measurement and Control of Polymer Product Properties by Raman Spectroscopy

said application having been executed on the 3,8 day(s) of <u>December</u> 2003, and being further identified as Case No. 2003B001/2; 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's attorney to insert at paragraph 1, in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

1

PATENT REEL: 014786 FRAME: 0983 DATE

December 8, 2003

David G. Marrow

Witness

DATE

Andrew M. Cochran

Witness

Witness

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date

Scott T. Roger

ASSIGNMENT

INVENTOR or INVENTORS:

| David G. Marrow | Andrew M. Cochran | |
|--|---|--|
| Scott T. Roger | | |
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IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

| DATE | | |
|--------|-------------------|-------------------|
| _ | | David G. Marrow |
| | Witness | |
| DATE | 12/3/03 Auly M. C | |
| - | | Andrew M. Cochran |
| | MILL K. MID | |
| | Witness | |
| | | |
| DATE _ | | |
| | | Scott T. Roger |
| | | |
| | Witness | |

ASSIGNMENT

INVENTOR or INVENTORS:

| David G. Marrow | Andrew M. Cochran |
|-----------------|-------------------|
| Scott T. Roger | |
| | |

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1.) UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., 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

"On-Line Measurement and Control of Polymer Product Properties by Raman Spectroscopy"

said application having been executed on the 3, 8 said application having been executed on the 3, 8 day(s) of <u>December</u> 2003, and being further identified as Case No. 2003B001/2; 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.
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| DATE | | | |
|--------|---------|---------------------------------------|-------------------|
| | | | David G. Marrow |
| | | Witness | |
| DATE _ | | · · · · · · · · · · · · · · · · · · · | Andrew M. Cockway |
| | | | Andrew M. Cochran |
| | | Witness | |
| DATE _ | 12-8-03 | 5.7.1. | مر |
| | Jas | as D Carlay | Scott T. Roger |
| | | Witness | |

RECORDED: 12/09/2003