502626903 01/09/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2673512

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| ROBERT JOHN DUFF | 11/13/2013 |
| ZHENG-ZHENG HUANG | 12/13/2012 |
| JOACHIM C RITTER | 12/12/2012 |
| JOEL M POLLINO | 11/11/2013 |

RECEIVING PARTY DATA

| Name: | E. I. DU PONT DE NEMOURS AND COMPANY |
|-----------------|--------------------------------------|
| Street Address: | 1007 MARKET STREET |
| City: | WILMINGTON |
| State/Country: | DELAWARE |
| Postal Code: | 19898 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13644524 |

CORRESPONDENCE DATA

Fax Number: (302)355-3982 Phone: 302-999-4143

Email: CAROL.A.REEDER@DUPONT.COM

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: ANN BREIKSS
Address Line 1: 974 CENTRE ROAD

Address Line 2: CHESTNUT RUN PLAZA 721
Address Line 4: WILMINGTON, DELAWARE 19805

| ATTORNEY DOCKET NUMBER: | CL4910USCIP |
|-------------------------|--------------|
| NAME OF SUBMITTER: | CAROL REEDER |

PATENT REEL: 031924 FRAME: 0388

502626903

| Signature: | /CAROL REEDER/ |
|--|----------------------------------|
| Date: | 01/09/2014 |
| Total Attachments: 4 source=20130107_CL4910USCIP_Assignm source=20130107_CL4910USCIP_Assignm source=20130107_CL4910USCIP_Assignm source=20130107_CL4910USCIP_Assignm | nent#page2.tif nent#page3.tif |

NON-PROVISIONAL APPLICATION ASSIGNMENT

We, the undersigned

ROBERT JOHN DUFF, ZHENG-ZHENG HUANG, JOACHIM C RITTER, JOEL M POLLINO

Hereby declare that

We are the inventors of an invention entitled

SOLUTION PHASE PROCESSING OF POLYARYLENE SULFIDE

which is disclosed in the United States Patent Application No. 13/644524 filed on October 04, 2012 and which is identified as Case Number CL4910-US-CIP.

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

- I. Sell, assign, and transfer unto E I DU PONT DE NEMOURS AND COMPANY, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and
- II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said inventions or the rights described above, to testify in any legal proceeding respecting said inventions or the rights described above, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions.

| ROBERT JOHN DUFF DATE: 13 Nov 13 | (L.S.) | JOACHIM C RITTER DATE: | (L.S. |
|-------------------------------------|---------|---------------------------|-------|
| ZHENG-ZHENG HUANG DATE: | (L.\$.) | JOEL M POLLINO DATE: | (L.S. |

ASSIGNMENT

We, the undersigned

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- II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

| | (L.S.) | | (L.S.) |
|---------------------------|--------|---------------------------|---------|
| ROBERT JOHN DUFF DATE: | ` , | JOACHIM C RITTER DATE: | _` , |
| HAZ | (L.S.) | | _(L.S.) |
| ZHENG-ZHENG HUANG | , | JOEL M POLLINO | _, , |
| DATE: 12-13 -2012 | | DATE: | |

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- If. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said inventions or the rights described above, to testify in any legal proceeding respecting said inventions or the rights described above, the location of that testimony to be in the country in which we reside or in the nearest country in which such testimony is legal should our country of residence prohibit such testimony, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions.

| (L.S.) | | (L.S.) |
|-------------------|------------------|---------|
| ROBERT JOHN DUFF | JOACHIM C RITTER | 100-1 / |
| DATE: | DATE: | |
| (L.S.) | Let M Pala- | (L.S.) |
| ZHENG-ZHENG HUANG | JOEL M POLLINO | |
| DATE: | DATE: 11-11-2013 | |

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- II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

| ROBERT JOHN DUFF DATE: | (L.S.) | JOACHIM C RITTER DATE: 12 12 | (L.S.) |
|----------------------------|--------|------------------------------|--------|
| ZHENG-ZHENG HUANG DATE: | (L.S.) | JOEL M POLLINO DATE: | (L.S.) |

PATENT REEL: 031924 FRAME: 0393

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RECORDED: 01/09/2014