501961741 06/20/2012

PATENT ASSIGNMENT

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Alex Robinson | 05/08/2012 |
| Richard Palmer | 05/09/2012 |
| Jon Andrew Preece | 05/09/2012 |

RECEIVING PARTY DATA

| Name: | he University of Birmingham | |
|-----------------|-----------------------------|--|
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| City: | Birmingham | |
| State/Country: | UNITED KINGDOM | |
| Postal Code: | B15 2TT | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13505601 |

CORRESPONDENCE DATA

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Mail.

Correspondent Name: Nixon & Vanderhye

Address Line 1: 901 North Glebe Road, 11th Floor Address Line 4: Arlington, VIRGINIA 22203

| ATTORNEY DOCKET NUMBER: | LCM-45-345 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | Leonard C. Mitchard |

Total Attachments: 4

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> PATENT REEL: 028408 FRAME: 0433

OF \$40.00 13505601

ASSIGNMENT FOR PATENT APPLICATION (U.S. Rights Only)

WHEREAS, Alex Robinson, Richard Palmer, and Jon Andrew Preece, (hereinafter ASSIGNORS) of 117 Bunbury Road, Northfield, Birmingham, West Midlands, United Kingdom B31 2ND; Dyffryn, Brake Lane, Hagley, Stourbridge, West Midlands, United Kingdom DY8 2XW; and School of Chemistry, University of Birmingham, Edgbaston, Birmingham, West Midlands, United Kingdom B15 2TT; respectively, have made an invention entitled PHOTORESIST COMPOSITION for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith; was filed in the United States Patent and Trademark Office on May 2, 2012 under Serial No. 13/505,601;

WHEREAS, The University of Birmingham (hereinafter ASSIGNEE), a corporation of the Country of United Kingdom, having an office and place of business at Edgbaston, Birmingham, United Kingdom United Kingdom B15 2TT is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in 35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

| AGREED and executed as noted below: S / S / IQ Date | ATex Robinson |
|---|----------------|
| Date | Richard Palmer |

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9 MAY 2012
Date Jon Andrew Preece

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ASSIGNMENT FOR PATENT APPLICATION (U.S. Rights Only)

WHEREAS, Alex Robinson, Richard Palmer, and Jon Andrew Preece, (hereinafter ASSIGNORS) of 117 Bunbury Road, Northfield, Birmingham, West Midlands, United Kingdom B31 2ND; Dyffryn, Brake Lane, Hagley, Stourbridge, West Midlands, United Kingdom DY8 2XW; and School of Chemistry, University of Birmingham, Edgbaston, Birmingham, West Midlands, United Kingdom B15 2TT; respectively, have made an invention entitled PHOTORESIST COMPOSITION for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith; was filed in the United States Patent and Trademark Office on May 2, 2012 under Serial No. 13/505,601;

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ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

AGREED and executed as noted below:

| Date | Alex Robinson |
|----------------|----------------|
| 9-5-12 Date | Richard Palmer |

Page 1 of 2

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|--|--|----|--|--|

Jon Andrew Preece

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