



09-17-2007



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Our Ref.: JRL-4271-84

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| To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.   |   |
| 1. Name of conveying party(ies):<br>1 Mark E. FROGGATT 5<br>2 6<br>3 7<br>4 8<br><br>Additional name/s of conveying party/ies attached? <input type="checkbox"/><br>3. Nature of conveyance:<br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Other _____<br><br>Execution Date: 6/21/07   | 2. Name and address of receiving party(ies):<br><br>1) Name: Luna Innovations Incorporated<br>Street Address: 703 South Jefferson Street SW, Suite 400<br>City: Roanoke<br><br>State/Country: Virginia Zip: 24016<br><br>2) Name _____<br>Street Address: _____<br>City: _____<br>State: _____ Zip: _____<br><br>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application.<br>A. Patent Application No(s).<br>(1) 11/808,260<br>(2) _____<br>(3) _____<br>B. Patent No(s).<br>(1) _____<br>(2) _____<br>(3) _____<br>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  | 5. Name and address of party to whom correspondence concerning document should be mailed:<br><br>Name: John R. Lastova<br><br>Internal Address: _____<br><br>Street Address: Nixon & Vanderhye P.C.<br>901 North Glebe Road<br>11th Floor<br>City: Arlington State: VA Zip: 22203   |
| 6. Total number of applications & patents involved: 1<br><br>7. Total fee (37 CFR 3.41) \$ 40.00<br><input checked="" type="checkbox"/> Enclosed<br><input type="checkbox"/> Authorized to be charged to deposit account #14-1140<br><br>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140. |   |
| DO NOT USE THIS SPACE   |   |
| 9. Statements and signature.<br>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.<br><br>John R. Lastova<br>Name of Person Signing<br>Reg. No. 33,149<br><br>Signature<br><br>September 12, 2007<br>Date<br><br>Total number of pages including original cover sheet, attachments, and document: [4]   |   |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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**ASSIGNMENT**

WHEREAS, Mark E. FROGGATT, (hereinafter ASSIGNOR) of 1912 Lacy Lane, Blacksburg, Virginia 24060; respectively, has invented a certain improvement in DISTRIBUTED STRAIN AND TEMPERATURE DISCRIMINATION IN POLARIZATION MAINTAINING FIBER 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 June 7, 2007 under Serial No. 11/808,260 ;

WHEREAS, Luna Innovations Incorporated (hereinafter ASSIGNEE), a corporation of the State of Delaware, having an office and place of business at 703 South Jefferson Street SW, Suite 400, Roanoke, Virginia 24016 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 ASSIGNOR by these presents hereby sell, assign, and transfer unto the ASSIGNEE, its successors, assigns, and legal representatives, the aforesaid application(s) and the full and exclusive right to the invention and improvements therein in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and hereby

authorizes and requests the Commissioner of Patents and Trademarks to issue any Letters Patent or Patents claiming priority from the aforesaid application to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

ASSIGNOR hereby agrees to assist in the preparation of and hereby assign a like interest to said ASSIGNEE, its successors, assigns, and legal representatives, without further remuneration, any continuation, divisional, reissue, or foreign application claiming priority from the aforesaid application or otherwise growing out of or related to the invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives necessary to ASSIGNEE's full protection and title in and to the invention hereby transferred.

ASSIGNOR specifically agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. 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;

AGREED and executed as noted below:

June 21, 2007  
Date

Mark E. Froggatt  
Mark E. FROGGATT

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

I hereby authorize and request ASSIGNEE'S attorneys, Nixon & Vanderhye P.C., of 901 North Glebe Road, 11th Floor, Arlington, Virginia 22203-1808, to insert here the serial number of said application when known.