

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>                                                                                                                                                                                                                                                                                                                                | NEW ASSIGNMENT                   |               |                |                     |            |               |            |               |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|----------------|---------------------|------------|---------------|------------|---------------|------------|
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                                                                                                                                                                           | ASSIGNMENT                       |               |                |                     |            |               |            |               |            |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                            |                                  |               |                |                     |            |               |            |               |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Allan James Bruce</td> <td>08/04/2008</td> </tr> <tr> <td>Sergey Frolov</td> <td>07/31/2008</td> </tr> <tr> <td>Michael Cyrus</td> <td>07/31/2008</td> </tr> </tbody> </table> |                                  | Name          | Execution Date | Allan James Bruce   | 08/04/2008 | Sergey Frolov | 07/31/2008 | Michael Cyrus | 07/31/2008 |
| Name                                                                                                                                                                                                                                                                                                                                                   | Execution Date                   |               |                |                     |            |               |            |               |            |
| Allan James Bruce                                                                                                                                                                                                                                                                                                                                      | 08/04/2008                       |               |                |                     |            |               |            |               |            |
| Sergey Frolov                                                                                                                                                                                                                                                                                                                                          | 07/31/2008                       |               |                |                     |            |               |            |               |            |
| Michael Cyrus                                                                                                                                                                                                                                                                                                                                          | 07/31/2008                       |               |                |                     |            |               |            |               |            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                            |                                  |               |                |                     |            |               |            |               |            |
| <b>Name:</b>                                                                                                                                                                                                                                                                                                                                           | Sunlight Photonics Inc.          |               |                |                     |            |               |            |               |            |
| <b>Street Address:</b>                                                                                                                                                                                                                                                                                                                                 | 600 Corporate Court              |               |                |                     |            |               |            |               |            |
| <b>City:</b>                                                                                                                                                                                                                                                                                                                                           | South Plainfield                 |               |                |                     |            |               |            |               |            |
| <b>State/Country:</b>                                                                                                                                                                                                                                                                                                                                  | NEW JERSEY                       |               |                |                     |            |               |            |               |            |
| <b>Postal Code:</b>                                                                                                                                                                                                                                                                                                                                    | 07080                            |               |                |                     |            |               |            |               |            |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                                                                                                                                                       |                                  |               |                |                     |            |               |            |               |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12185369</td> </tr> </tbody> </table>                                                                                                            |                                  | Property Type | Number         | Application Number: | 12185369   |               |            |               |            |
| Property Type                                                                                                                                                                                                                                                                                                                                          | Number                           |               |                |                     |            |               |            |               |            |
| Application Number:                                                                                                                                                                                                                                                                                                                                    | 12185369                         |               |                |                     |            |               |            |               |            |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                                                                                                                                             |                                  |               |                |                     |            |               |            |               |            |
| <b>Fax Number:</b>                                                                                                                                                                                                                                                                                                                                     | (908)518-7795                    |               |                |                     |            |               |            |               |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                                                                                                                                                                                                                                                   |                                  |               |                |                     |            |               |            |               |            |
| <b>Phone:</b>                                                                                                                                                                                                                                                                                                                                          | 908-518-7700                     |               |                |                     |            |               |            |               |            |
| <b>Email:</b>                                                                                                                                                                                                                                                                                                                                          | jryan@mwpatentlaw.com            |               |                |                     |            |               |            |               |            |
| <b>Correspondent Name:</b>                                                                                                                                                                                                                                                                                                                             | Stuart H. Mayer                  |               |                |                     |            |               |            |               |            |
| <b>Address Line 1:</b>                                                                                                                                                                                                                                                                                                                                 | 251 North Avenue West, 2nd Floor |               |                |                     |            |               |            |               |            |
| <b>Address Line 2:</b>                                                                                                                                                                                                                                                                                                                                 | Mayer & Williams PC              |               |                |                     |            |               |            |               |            |
| <b>Address Line 4:</b>                                                                                                                                                                                                                                                                                                                                 | Westfield, NEW JERSEY 07090      |               |                |                     |            |               |            |               |            |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                                                                                                                                                                         | 2800/8                           |               |                |                     |            |               |            |               |            |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                                                                                                                                                                              | Joanne Ryan                      |               |                |                     |            |               |            |               |            |

CH \$40.00 12185369

Total Attachments: 7  
 source=28008assignment#page1.tif

**500616455**

**PATENT**  
**REEL: 021362 FRAME: 0629**

source=28008assignment#page2.tif  
source=28008assignment#page3.tif  
source=28008assignment#page4.tif  
source=28008assignment#page5.tif  
source=28008assignment#page6.tif  
source=28008assignment#page7.tif

Docket No.: 2800/8

ASSIGNMENT FOR UNITED STATES PATENT APPLICATION  
(PATENT APPLICATION PENDING)  
(SOLE OR JOINT)

WHEREAS, Allan James Bruce, a citizen of Great Britain, residing at 2351 Seneca Road, Scotch Plains, New Jersey 07076, Sergey Frolov, a United States citizen, residing at 226 Gallinson Dr., Murray Hill, New Jersey 07974 and Michael Cyrus, a United States citizen, residing at 26 Locust Drive, #41, Summit, New Jersey 07901 (hereinafter collectively and severally referred to as "assignor") has invented a certain invention entitled:

**A REACTED PARTICLE DEPOSITION (RPD) METHOD FOR FORMING A  
COMPOUND SEMI-CONDUCTOR THIN-FILM**

for which application for Letters Patent of the United States has been executed by the inventors on the date of execution of this Assignment; and

WHEREAS, Sunlight Photonics Inc., a Delaware corporation having an office at 600 Corporate Court, South Plainfield, New Jersey 07080 (hereinafter referred to as "assignee", which term includes the successors and assigns of assignee), is desirous of acquiring the entire right, title and interest, in and to said invention and in and to said letters patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW THEREFORE, be it known that in consideration of the payment by assignee to assignor of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, assignor hereby sells, assigns and transfers to assignee his full and complete right, title, and interest in and to said invention and said patent application (including the rights of priority thereto) in the United States, its possessions, and in all foreign countries, and to all Letters Patent or similar legal protection in the United States, its possessions, and any and all foreign countries to be obtained on said invention or issuing from said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, sale, and transfer.

Docket No.: 2800/8

ASSIGNOR further covenants that assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, application, and Letters Patent and legal equivalents thereto in such foreign countries as may be known to and within the control of assignor and assignor will in good faith testify as to the same in any interference, proceeding, or litigation related thereto and will promptly execute and deliver to assignee or its legal representative any and all papers, instruments, affidavits, or the like required or useful to apply for, obtain, maintain, issue and enforce said application or Letters Patent or equivalent thereof in any aforesaid country of the world which may be necessary or desirable therefor.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 4<sup>th</sup> day of August, 2008.

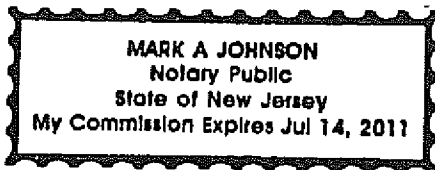
Allan J. Bruce -  
Allan James BRUCE

United States of America )  
State of (New Jersey) )  
County of (Middlesex) )

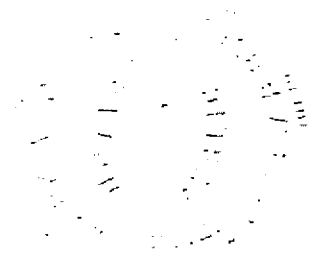
On this 4<sup>th</sup> day of August 2008, before me, the undersigned Notary Public, personally appeared **Allan James Bruce**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

Given under my hand and notarial seal this 4<sup>th</sup> day of August 2008.

My commission expires:



[Handwritten Signature]  
Notary Public Signature  
Mark Johnson  
Printed Name of Notary Public





Method A View  
of the  
of the  
of the

Docket No.: 2800/8

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 31<sup>st</sup> day of July, 2008.

[Signature]  
Sergey FROLOV

United States of America )

State of (New Jersey) )

County of (Middlesex) )

On this 31 day of July 2008, before me, the undersigned Notary Public, personally appeared Sergey Frolov, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

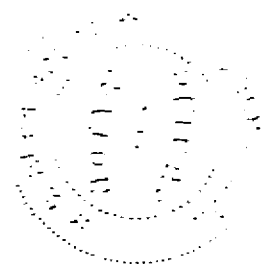
Given under my hand and notarial seal this 31 day of July 2008.

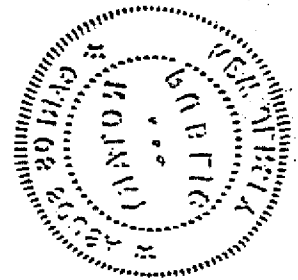
My commission expires:

[Signature]  
Notary Public Signature

Carlos Sousa  
Printed Name of Notary Public

CARLOS SOUSA  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
MY COMMISSION EXPIRES AUGUST 13, 2009





Docket No.: 2800/8

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 31 day of July, 2008.

Michael Cyrus  
Michael CYRUS

United States of America )

State of (New Jersey) )

County of (Middlesex) )

On this 31 day of July 2008, before me, the undersigned Notary Public, personally appeared Michael Cyrus, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of same.

Given under my hand and notarial seal this 31 day of July 2008.

My commission expires:

Carlos Sousa  
Notary Public Signature

CARLOS SOUSA  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
MY COMMISSION EXPIRES AUGUST 13, 2009

Carlos Sousa  
Printed Name of Notary Public





