

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3071143

|                                                                                                                                                                                                 |                                   |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                    |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                        |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                   |                       |
|                                                                                                                                                                                                 | <b>Name</b>                       | <b>Execution Date</b> |
|                                                                                                                                                                                                 | NEIL ROBIN BRANDA                 | 04/15/2013            |
|                                                                                                                                                                                                 | GLEN RAMSAY BREMNER               | 04/16/2013            |
|                                                                                                                                                                                                 | JEREMY GRAHAM FINDEN              | 04/16/2013            |
|                                                                                                                                                                                                 | CORBIN ABE GIESBRECHT             | 04/16/2013            |
|                                                                                                                                                                                                 | DUHANE LAM                        | 05/02/2013            |
|                                                                                                                                                                                                 | MATT ANDREW PILAPIL               | 04/18/2013            |
|                                                                                                                                                                                                 | MATTHEW PAUL SMIT                 | 04/16/2013            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                   |                       |
| <b>Name:</b>                                                                                                                                                                                    | SWITCH MATERIALS, INC,            |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 3650 GILMORE WAY                  |                       |
| <b>City:</b>                                                                                                                                                                                    | BURNABY, BRITISH COLUMBIA         |                       |
| <b>State/Country:</b>                                                                                                                                                                           | CANADA                            |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | V5G 4W8                           |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                   |                       |
|                                                                                                                                                                                                 | <b>Property Type</b>              | <b>Number</b>         |
|                                                                                                                                                                                                 | Application Number:               | 14395381              |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                   |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (612)332-9081                     |                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                   |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 612-332-5300                      |                       |
| <b>Email:</b>                                                                                                                                                                                   | akramber@merchantgould.com        |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | MARK T. SKOOG                     |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | P.O. BOX 2903                     |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | MERCHANT & GOULD PC               |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | MINNEAPOLIS, MINNESOTA 55402-0903 |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 00270.0111FPWO                    |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | MARK T. SKOOG                     |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Mark T. Skoog/                   |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 10/20/2014                        |                       |

PATENT

**Total Attachments: 4**

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This Assignment effective the 16<sup>th</sup> day of April, 2013.

**ASSIGNMENT OF INVENTION - WORLDWIDE**

Whereas, I/we

**NEIL ROBIN BRANDA**, having an address at 1001-683 West Victoria Park, North Vancouver, BC, Canada V7M 0A2;

**GLEN RAMSAY BREMNER**, having an address at 3525 Dunbar Avenue, Vancouver BC V6S 2C4;

**JEREMY GRAHAM FINDEN**, having an address at 5-995 Lynn Valley Road, North Vancouver, BC, Canada V7J 1Z6;

**CORBIN ABE GIESBRECHT**, having an address at 202-2439 Wilson Ave, Port Coquitlam, BC, Canada V3C 6H6;

**DUHANE LAM**, having an address at 1572 East 10<sup>th</sup> Avenue, Vancouver, BC, Canada V5N 1X5;

**MATT ANDREW PILAPIL**, having an address at 705-555 Delestre Avenue, Coquitlam, BC, Canada V3K 0A9; and

**MATTHEW PAUL SMIT**, having an address at 406-9232 University Cres, Burnaby, BC, Canada V5A 0A3;

(hereinafter referred to as "Assignor")

are the joint inventors of the invention or inventions (the "Invention"), for which an application for Letters Patent entitled **"METHOD AND SYSTEM FOR CONTROLLING AN OPTICAL FILTER ASSEMBLY"** (Attorney Docket No. V84685WO) has been made on April 15, 2013 under Serial No. \_\_\_\_\_;

Whereas, I/we **Switch Materials, Inc.** (hereinafter referred to as "Assignee") having a place of business at **3650 Gilmore Way, Burnaby, British Columbia, V5G 4W8, Canada** is desirous of acquiring and having assigned to it the full right, title and interest in and to the Invention and in and to any Letters Patent that may be granted therefor in any and all countries and jurisdictions; and

Whereas Assignor and Assignee have agreed to make such assignment;

NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby sells, assigns and transfers absolutely to the Assignee and to all of the Assignee's successors and assigns, the full and exclusive right, title and interest in and to:

- (a) the Invention worldwide;

(b) any and all patent applications for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-parts, provisionals, non-provisionals, substitutions and renewals thereof;

(c) all Letters Patent which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and

(d) the exclusive right to bring or participate in any proceeding for past infringement or any other actionable right under all of the foregoing and to receive all remedies that arise therefrom, to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment not been made.

Assignor hereby authorizes and requests the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to the Assignee.

Further, Assignor agrees that Assignor will communicate to the Assignee or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisional, continuation, continuation-in-part, extension, renewal, provisional, non-provisional or substitute thereof, and the Letters Patent including any renewal, re-examination, extension and reissue of said Letters Patent, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the Assignee, make all rightful oaths, and, generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper protection for the Invention in any and all countries and jurisdictions.

And the Assignor and the Assignee hereby authorize the Assignee, or an agent or representative of the Assignee, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

EXECUTED at Suburb, this 15 day of April, 2003.

Witness:

Assignor:

  
Print Name: Cynthia S. Rupp

  
Neil Robin Branda

EXECUTED at Burnaby this 16<sup>th</sup> day of April, 2013

Witness:

Assignor:

  
Print Name: Cynthia Sheppard Glen Ramsay Bremner

EXECUTED at Burnaby, BC this 16<sup>th</sup> day of April 2013

Witness:

Assignor:

  
Print Name: Cynthia Sheppard Jeremy Graham Finden

EXECUTED at BURNABY BC this 16<sup>th</sup> day of APRIL 2013

Witness:

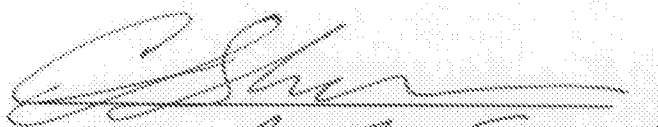
Assignor:

  
Print Name: Cynthia Sheppard Corbin Abe Giesbrecht

EXECUTED at Burnaby, BC this 2<sup>nd</sup> day of May 2013

Witness:

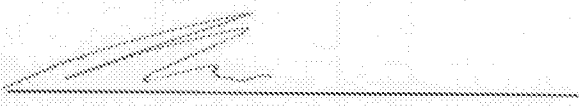
Assignor:

  
Print Name: Cynthia Sheppard Duhane Lam

EXECUTED at Barnaby, BC this 18 day of April, 2013

Witness:

Assignor:



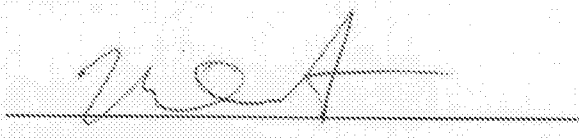
Print Name: Cynthia Shupin

**Matt Andrew Pilapil**

EXECUTED at Barnaby this 16 day of April, 2013

Witness:

Assignor:

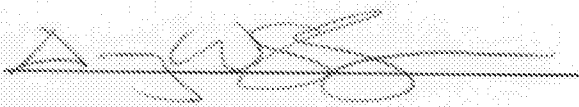
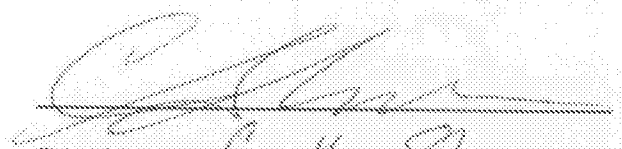


Print Name: Cynthia Shupin

**Matthew Paul Smit**

Witness:

Assignee:



Print Name: Cynthia Shupin

**Doug Wiggin, CEO  
SWITCH Materials Inc.**  
Date: