504370280 05/16/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NEIL ROBIN BRANDA	01/06/2015
GLEN RAMSAY BREMNER	12/12/2014
JEREMY GRAHAM FINDEN	12/17/2014
MATT ANDREW PILAPIL	12/12/2014
MATTHEW NEAL ROBERTS	12/16/2014
JONATHAN ROSS SARGENT	01/06/2015
JAMES DANIEL SENIOR	12/17/2014
VERONICA ELIZABETH PATRICIA MARSHMAN	11/16/2015

RECEIVING PARTY DATA

Name:	SWITCH MATERIALS, INC.
Street Address:	3650 GILMORE WAY
City:	BURNABY, BRITISH COLUMBIA
State/Country:	CANADA
Postal Code:	V5G 4W8

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15527238

CORRESPONDENCE DATA

Fax Number: (206)682-6031

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.

Phone: 206-622-4900 dons@seedip.com

Correspondent Name: SEED IP LAW GROUP LLP

Address Line 1: 701 FIFTH AVENUE

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Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER: 880133.403USPC

NAME OF SUBMITTER: FRANK ABRAMONTE

SIGNATURE: /Frank Abramonte/

504370280 PATENT REEL: 042480 FRAME: 0279

DATE SIGNED:	05/16/2017
Total Attachments: 7	
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PATENT REEL: 042480 FRAME: 0280 This Assignment effective the 12th day of December, 2014.

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 1075 Burnaby Street, apartment 4009, Vancouver BC V6E 1N9;

JEREMY GRAHAM FINDEN, having an address at 3145 Sunnyhurst Road, North Vancouver BC Canada V7K 2G4;

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

MATTHEW NEAL ROBERTS, having an address at Apt 501, 3615 Victoria Drive, Vancouver BC V5N 0C3;

JONATHAN ROSS SARGENT, having an address at 205-828 Cardero Street, Vancouver British Columbia, V6G 2G5, Canada; and

JAMES DANIEL SENIOR, having an address at 15-17097 64" Avenue, Surrey, BC, Canada V3S 1Y5;

(hereinafter referred to as "Assignor")

are the joint inventors of the invention or inventions (the "Invention"), for which an application for Letters Patent entitled "Photochromic-Electrochromic Compositions" has been made on December 12, 2014 under Serial No. $\frac{(e^2/29)}{3(e^2)}$

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:

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- (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 SULFWARD	, this <u></u>		115
Witness:		Assignor	
Print Name: 4,7/4,4-5/4		Neil Robin BRANDA	

EXECUTED at Parcoday . B.C., this]	2° day of <u>December</u> 2014
Witness	Assignor:
	ales Same
Print Name: 4/4/4/5/2/2/2	Gien Ramsay BREMNER
EXECUTED at Lacase Lacase Account this 1	Tana a National Control
Witness:	
• *************************************	Assignor
	Dereng Zz - Z - Z - Z - Z - Z - Z - Z - Z - Z
Print Name: 45/4/5/2	Jeremy Graham FINDEN
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EXECUTED at K	is <u>^day</u> of <u></u>
Witness:	Assignor
Print Name: 4/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	Jonathan Ross SARGENT
EXECUTED at <u>\$ / / / / \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </u>	nis 17 day of December 2014
Withess	Assignor
* Y 10 10 00 0	
Print Name: 41/2 Shippy	James Daniel SENIOR
Witness	Assignee:
Print Name: 4,7/4,8/2,	
	SWITCH Materials Inc.

CONFIRMATION OF ASSIGNMENT

WHEREAS, Veronica Elizabeth Patricia Marshman of 149 - 2000 Panorama Drive, Port

Moody, British Columbia, Canada, V3H 5J5 ("Marshman"), is an inventor of an invention entitled

PHOTOCHROMIC-ELECTROCHROMIC COMPOSITIONS as described in: (i) a provisional patent

application filed in the United States Patent and Trademark Office on November 17, 2014 and assigned

serial no. 62/070,859 (the "First Provisional Application"); and (ii) a provisional patent application filed in

the United States Patent and Trademark Office on December 12, 2014 and assigned serial no.

62/091,369 (the "Second Provisional Application");

WHEREAS, Switch Materials, Inc., a corporation having a place of business at 3650 Gilmore

Way, Burnaby, British Columbia, Canada, V5G 4W8 ("ASSIGNEE"), is desirous of confirming that it has

acquired and has had assigned to it as of November 17, 2014, and by way of further assurances is

desirous of acquiring and having assigned to it, Marshman's full and exclusive right, title, and interest in

and to the First Provisional Application and in and to any Letters Patent that may be granted therefor in

any and all countries and jurisdictions;

WHEREAS, the ASSIGNEE is further desirous of confirming that it has acquired and has had

assigned to it as of December 12, 2014, and by way of further assurances is desirous of acquiring and

having assigned to it. Marshman's full and exclusive right, title, and interest in and to the Second

Provisional Application and in and to any Letters Patent that may be granted therefor in any and all

countries and jurisdictions;

WHEREAS, the First Provisional Application and the Second Provisional Application are herein

collectively referred to as the "Invention", and

WHEREAS Marshman and the ASSIGNEE have agreed to make such confirmation of

assignment and by way of further assurances such assignment;

NOW, THEREFORE, in consideration of the foregoing premises, and for the sum of one dollar

(\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby

acknowledged. Marshman hereby confirms having sold, assigned, transferred and set over absolutely

Marshman's full and exclusive right, title, and interest in and to the First Provisional Application to the

ASSIGNEE and its successors and assigns as of November 17, 2014, and Marshman's full and exclusive

right, title, and interest in and to the Second Provisional Application to the ASSIGNEE and its successors

and assigns as of December 12, 2014, and by way of further assurances does hereby sell, assign,

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transfer and set over absolutely to the ASSIGNEE, Marshman's 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 that 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 Marshman had this confirmation of

assignment, and for further assurances this assignment, not been made.

Marshman hereby authorizes and requests the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent for the Invention, when granted, to the ASSIGNEE. Further, Marshman agrees that she will communicate to the ASSIGNEE or its representatives any facts known to her 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 caths, 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.

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PATENT REEL: 042480 FRAME: 0286 This document may be executed and delivered in any number of counterparts and each executed counterpart will be deemed to be an original and such counterparts will together constitute one and the same document.

EXECUTED OF Switch Motors	als Inc this 10 day of November, 2015.
Witness:	Inventor .
Print Name: Notalie Compbell	Veronica Elizabeth Patricia Marshman
	TRIB: Research Engineer
Acknowledged and Accepted by the ASSIGNEE: EXECUTED at FB Bunky	, this <u>I6</u> day of November, 2015.
Witness:	Authorized Signatory:
Print Name: Natalie Campbell	Switch Materials, Inc. By: Jankon Ros, Swynth Title: VP 1327

RECORDED: 05/16/2017

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