504812090 03/09/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER BRAWN	01/06/2015
RYAN BREDIN	12/30/2014
TIMOTHY G SHAUGHNESSY	12/30/2014
KEVIN STRANGE	01/06/2015
PAUL MATHEWS	12/29/2014
ROBERT MARSANYI	01/13/2015

RECEIVING PARTY DATA

Name:	BIOLUX RESEARCH LTD.
Street Address:	220-825 POWELL ST.
City:	VANCOUVER, BC
State/Country:	CANADA
Postal Code:	V6A 1H7

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15858533

CORRESPONDENCE DATA

Fax Number: (202)842-7899

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: 703-456-8000

Email: rphelan@cooley.com

Correspondent Name: COOLEY LLP

Address Line 1:1299 PENNSYLVANIA AVENUEAddress Line 2:SUITE 700, ATTN: PATENT GROUPAddress Line 4:WASHINGTON, D.C. 20004-2400

ATTORNEY DOCKET NUMBER:	BILX-007/05US 315643-2098
NAME OF SUBMITTER:	LESLY A. MCANELLY
SIGNATURE:	/Lesly A. McAnelly/
DATE SIGNED:	03/09/2018

PATENT 504812090 REEL: 045155 FRAME: 0646

Total Attachments: 10 source=BILX-007-05US-Assignment#page1.tif source=BILX-007-05US-Assignment#page2.tif source=BILX-007-05US-Assignment#page3.tif source=BILX-007-05US-Assignment#page4.tif source=BILX-007-05US-Assignment#page5.tif source=BILX-007-05US-Assignment#page6.tif source=BILX-007-05US-Assignment#page7.tif source=BILX-007-05US-Assignment#page8.tif source=BILX-007-05US-Assignment#page9.tif source=BILX-007-05US-Assignment#page9.tif

ASSIGNMENT

Peter Brawn, residing at 1260 W. Cordova St., Vancouver, BC V6C 3R4, Canada, Ryan Bredin, having a mailing address of Box 750, Breton, AB, T0C 0P0, Canada, Timothy G. Shaughnessy, residing at 2918 Windstone Circle, Marietta, GA 30062, USA, Kevin Strange, residing at 1670 Burnside St., Victoria, BC, V9E 2E2, Canada and Paul Mathews, residing at 3300 Fox Spit Rd., Langley, WA 98260, and Robert Marsanyi, residing at 4335 Deer Lake Road, Clinton, WA 98236, (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **INTRA-ORAL LIGHT-THERAPY** APPARATUSES AND METHODS FOR THEIR USE, and which is a:

(1)	provisional application (a) to be filed herewith; or
	(b) bearing Application No., and filed on;
(2)	
(3)	 ✓ PCT application (a) ✓ bearing Application No. PCT/CA2014/000760, and filed on October 22, 2014.

WHEREAS, Biolux Research Ltd., a corporation duly organized under and pursuant to the laws of Canada, and having its principal place of business at 220-825 Powell St., Vancouver, BC, V6A 1H7, Canada (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified in paragraph (1), (2) and/or (3); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover damages, including royalties, for prior infringements of these application(s); and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the Invention(s);

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- (b) the application(s) for patent identified in paragraph (1), (2) and/or (3);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world:
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified in paragraph (1), (2) and/or (3) or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including

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interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

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Peter BRAWN

WITNESSED BY:

Date: January 6, 2015

By: ObelOvero

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Date: 2014-12-30

By: Ryan BREDIN

WITNESSED BY:

Name:

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Date: December 30, 2014 By: Twothy G. Shaughnessy Timothy G. SHAUGHNESSY
State of Georgia) ss.
On <u>December 35, 2014</u> , before me, <u>Courties Total</u> , Notary Public, personally appeared <u>I (Mother Shounders Supersonular Shounders Supersonular Su</u>
name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the cauth upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.
Signature of Notary Public Place Worldry Seal Above
My Commission Expires: 1 - 23 - 1 - 1

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Date: January 6, 2015

By: Kevin STRANGE

WITNESSED BY:

Date: January 6, 2015

By: Cóc Colours

Name: <u>Cléa Owens</u>.

Date: 25 BC 2019 By: 4	Jul Hathur
	Paul MATHEWS
State of NASHINGTON County of 15 LAND ss.	
County of / SLAND	Λ
On 29 DECEMBER, before me,	Drandon Turner
Notary Public, personally appeared	Mathews,
who proved to me on the basis of satisfactory	evidence, to be the person(s) whose
name(s) is/are subscribed to the within instrum	· •
he/she/they executed the same in his/her/their a	
his/her/their signature(s) on the instrument the pe	erson(s), or the entity upon behalf of
which the person(s) acted, executed the instrument. WITNESS my hand and official seal.	Notary Public State of Washington BRANDON TURNER
William Standard Stan	My Appointment Expires Nov 5, 2016
Signature of Notary Public	Place Notary Seal Above
My Commission Expires: My Sh 2016	

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Date: Jamay 13, 2015 By: Robert MARSANYI
State of Nashiraton, ss.
County of Island
On 01/13/15 , before me, MARIE GRADY , Notary Public, personally appeared ROBERT MARSANYI ,
Notary Public, personally appeared KOBEKT MARCHI,
who proved to me on the basis of satisfactory evidence, to be the person(s) whose
name(s) is/are subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.
WITNESS my hand and official seal.
More Gold WASHINGTON
Signature of Notary Public Place Notary Seal Above
My Commission Expires: 11-01-17

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Date: JN 6/2015

By:

Peter Brawn Chairman

Company: Biolux Research Ltd.

WITNESSED BY:

Date: January 6, 2015

y: <u>COÓO</u>J

Name.

Title: W

Name: Chea Owens

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PATENT REEL: 045155 FRAME: 0657

RECORDED: 03/09/2018