

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5712382

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SIMON FRASER UNIVERSITY	06/27/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	LUNGPACER MEDICAL INC.	
<b>Street Address:</b>	8602 COMMERCE COURT	
<b>City:</b>	BURNABY, BRITISH COLUMBIA	
<b>State/Country:</b>	CANADA	
<b>Postal Code:</b>	V5A 4N6	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16460728
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>		
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<b>Correspondent Name:</b>	BOOKOFF MCANDREWS, PLLC	
<b>Address Line 1:</b>	2020 K STREET NW	
<b>Address Line 2:</b>	SUITE 400	
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006	
<b>ATTORNEY DOCKET NUMBER:</b>	00059-0006-05000	
<b>NAME OF SUBMITTER:</b>	JASON B. PORTIS	
<b>SIGNATURE:</b>	/Jason B. Portis/	
<b>DATE SIGNED:</b>	09/10/2019	
<b>Total Attachments: 4</b>		
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## ASSIGNMENT AGREEMENT

THIS ASSIGNMENT AGREEMENT effective May 24th, 2017, is made by and between:

**SIMON FRASER UNIVERSITY**, a corporation continued under the University Act of British Columbia and having its administrative offices at **8888 University Drive, in the City of Burnaby, in the Province of British Columbia, Canada V5A 1S6** (the "Assignor");

AND:

**LUNGPACER MEDICAL INC.**, a corporation incorporated under the laws of the Province of British Columbia, and having its administrative office at **8602 Commerce Court in the City of Burnaby in the Province of British Columbia, Canada V5A 4N6** (the "Assignee").

WHEREAS the Assignor is the recipient of certain new and useful improvements, from the inventors thereof, as described in the patent applications listed on Schedule "A" (the "Applications") attached to and made a part of this Assignment.

WHEREAS the Assignee has acquired from the Assignor, pursuant to an Amended and Restated Technology License and Assignment Agreement between the Assignor and the Assignee dated as of the date hereof, the whole right, title and interest, for the United States, Canada and all other countries, in and to: the Applications, any Letters Patent that may be obtained from the Applications, any applications claiming priority to the Applications or the benefit thereof, any national phase entries, foreign counterparts, and divisionals, continuations, reissues, and reexaminations of such Applications, and any patents that issue from any of these, (collectively, "the Assigned Patent Rights").

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, the Assignor confirms that it has sold, assigned and transferred and does hereby sell, assign and transfer unto the Assignee, the entire right, title and interest, for the United States, Canada and all other countries, in and to the Assigned Patent Rights.

The Assignor agrees that, for reasonable consideration, it will do all such things and execute all such documents as may be reasonably requested by the Assignee to obtain and maintain the Assigned Patent Rights, and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America, the Canadian Intellectual Property Office, and any official of any country or countries foreign to the United States and to Canada whose duty it is to issue patents on the Assigned Patent Rights, to issue any said Letters Patent to the Assignee, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of

the term for which the Letters Patent may be granted as fully and entirely as the same would have been held by the Assignor had this assignment and sale not been made.

This Assignment may be signed in as many counterparts as may be necessary, and may be signed by facsimile or other means of electronic communication producing a printed copy, each of which so signed shall be deemed to be an original, and such counterparts together shall constitute one and the same instrument and notwithstanding the date of execution shall be deemed to bear the date set forth above.

The Assignor and the Assignee hereby authorize the firms of Fasken Martineau DuMoulin, whose full post office address is 2900 - 550 Burrard Street, Vancouver, British Columbia V6C 0A3, Canada, and Bookoff McAndrews PLLC, whose full post office address is 2401 Pennsylvania Ave NW, Suite 450, Washington, DC 20037, USA 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 patent office, provided that such amendments are limited to uncontested and non-substantive matters.

IN TESTIMONY WHEREOF, the parties have hereunto set their hands.

WITNESSED BY:

Signature:

Name:

Address:

SPU, 8888 UNIVERSITY DR, Bldg. B.C.  
USA 156

SIMON FRASER UNIVERSITY

Signature:

Print Name:

Title:

Date:

This Assignment is accepted by LUNGPACER MEDICAL INC.

WITNESSED BY:

Signature:

Name:

Address:

Burnaby, BC V5A 2E7

LUNGPACER MEDICAL INC.

Signature:

Print Name:

Title:

Date:

# SCHEDULE A

Attorney Ref. #	Application #	Filing Date	Country	Type	Status	Patent #	Issue Date
00059-0002-00000	11/924,571	7/25/2009	United States	Utility: Non-Provisional	Issued	8,571,662	10/29/2013
00059-0002-00131	2676119	1/29/2008	Canada	Utility: Foreign	Pending		
00059-0002-00155	8706326.9	1/29/2008	European Patent Office	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155AU	8706326.9	1/29/2008	Austria	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155CH	8706326.9	1/29/2008	Switzerland	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155DE	8706326.9	1/29/2008	Germany	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155DK	8706326.9	1/29/2008	Denmark	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155ES	8706326.9	1/29/2008	Spain	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155FR	8706326.9	1/29/2008	France	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155GB	8706326.9	1/29/2008	United Kingdom	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155IE	8706326.9	1/29/2008	Ireland	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155IT	8706326.9	1/29/2008	Italy	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155NL	8706326.9	1/29/2008	Netherlands	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00155SE	8706326.9	1/29/2008	Sweden	Utility: Foreign	Issued	2107920	7/10/2013
00059-0002-00178	10103092.9	1/29/2008	Hong Kong	Utility: Foreign	Issued	HK1137682	3/14/2014

Attorney Ref. #	Application #	Filing Date	Country	Type	Status	Patent #	Issue Date
00059-0002-00195	2009-546628	1/29/2008	Japan	Utility: Foreign	Issued	5,465,538	1/31/2014
00059-0002-00304	PCT/CA2008/000179	1/29/2008	PCT	Utility: PCT	Expired		
00059-0002-01000	14/044,466	10/2/2013	United States	Utility: Non-Provisional	Issued	8,220,898	12/29/2015
00059-0002-01131	2877177	1/29/2008	Canada	Utility: Foreign Divisional	Pending		
00059-0002-02000	14/448,339	7/31/2014	United States	Utility: Continuation	Issued	9,188,377	10/27/2015
00059-0002-03000	14/448,522	7/31/2014	United States	Utility: Continuation	Issued	9,108,098	8/18/2015
00059-0002-04000	14/448,734	7/31/2014	United States	Utility: Continuation	Issued	9,108,099	8/18/2015
00059-0002-05000	14/497,858	9/26/2014	United States	Utility: Continuation	Issued	9,026,231	5/5/2015
00059-0002-06000	14/792,006	7/6/2015	United States	Utility: Continuation	Published		
00059-0002-09000	15/408,193	1/17/2017	United States	Utility: Continuation			
00059-0002-07000	15/253,687	8/31/2016	United States	Utility: Continuation			
00059-0003-00110	2014351473	11/21/2014	Australia	Utility: Foreign	Pending		
00059-0003-00131	2,930,809	11/21/2014	Canada	Utility: Foreign	Pending		
00059-0003-00139	201480071219.5	11/21/2014	China	Utility: Foreign	Published		
00059-0003-00155	14864542.7	11/21/2014	European Patent Office	Utility: Foreign	Pending		
00059-0003-00195	2016-533171	11/21/2014	Japan	Utility: Foreign	Pending		
00059-0003-00304	PCT/IB2014/002937	11/21/2014	PCT	Utility: PCT	Published		
00059-0003-00600	61/967,993	11/22/2013	United States	Utility: Provisional	Expired		
00059-0003-01000	14/550,485	11/21/2014	United States	Utility: Non-Provisional	Issued	9,242,088	1/26/2016
00059-0003-02000	14/969,266	12/15/2015	United States	Utility: Continuation	Allowed		
00059-0004-00110	2013230648	3/4/2013	Australia	Utility: Foreign	Pending		
00059-0004-00123	112014021930.3	3/4/2013	Brazil	Utility: Foreign	Pending		
00059-0004-00131	2868187	3/4/2013	Canada	Utility: Foreign	Pending		

Attorney Ref. #	Application #	Filing Date	Country	Type	Status	Patent #	Issue Date
00059-0004-00189	201380023357.5	3/4/2013	China	Utility: Foreign	Pending		
00059-0004-00135	13758383.9	3/4/2013	European Patent Office	Utility: Foreign	Published		
00059-0004-00187	1970/MUMNP/2014	3/4/2013	India	Utility: Foreign	Pending		
00059-0004-00195	2014-560202	3/4/2013	Japan	Utility: Foreign	Published		
00059-0004-00304	PCT/CA2013/050159	3/4/2013	PCT	Utility: PCT	Expired		
00059-0004-00600	61/606,299	3/5/2012	United States	Utility: Provisional	Expired		
00059-0004-01000	14/383,285	9/5/2014	United States	Utility: Non-Provisional	Published		
00059-0005-00110	2015208640	1/20/2015	Australia	Utility: Foreign	Pending		
00059-0005-00131	2,935,454	1/20/2015	Canada	Utility: Foreign	Pending		
00059-0005-00139	301580004854.2	1/20/2015	China	Utility: Foreign	Pending		
00059-0005-00155	15740415.3	1/20/2015	European Patent Office	Utility: Foreign	Pending		
00059-0005-00195	2016-547584	1/20/2015	Japan	Utility: Foreign	Pending		
00059-0005-00304	PCT/CA2015/050035	1/20/2015	PCT	Utility: PCT	Published		
00059-0005-00600	61/929,901	1/21/2014	United States	Utility: Provisional	Expired		
00059-0005-01000	14/600,763	1/20/2015	United States	Utility: Non-Provisional	Issued	9,333,363	5/10/2016
00059-0005-02000	15/095,773	4/11/2016	United States	Utility: Continuation	Published		
00059-0006-00110	2013280184	6/21/2013	Australia	Utility: Foreign	Pending		
00059-0006-00123	1120140320020	6/21/2013	Brazil	Utility: Foreign	Pending		
00059-0006-00131	2,877,049	6/21/2013	Canada	Utility: Foreign	Pending		
00059-0006-00139	201360039158.3	6/21/2013	China	Utility: Foreign	Published		
00059-0006-00155	13807238.4	6/21/2013	European Patent Office	Utility: Foreign	Published		
00059-0006-00195	2015-517565	6/21/2013	Japan	Utility: Foreign	Published		
00059-0006-00304	PCT/CA2013/000594	6/21/2013	PCT	Utility: PCT	Expired		

Attorney Ref. #	Application #	Filing Date	Country	Type	Status	Patent #	Issue Date
00059-0006-00600	61/662,579	6/21/2012	United States	Utility: Provisional	Expired		
00059-0006-01000	14/410,022	12/19/2014	United States	Utility: Non-Provisional	Published		
00059-0006-02000	14/839,432	8/28/2015	United States	Utility: Continuation	Published		
00059-0002-00600	60/887,031	1/19/2007	United States	Utility: Provisional	Expired		
	61/653,317	5/30/2012	United States	Utility: Provisional	Expired		