

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chris Harder</td> <td>02/16/2012</td> </tr> <tr> <td>Martin Cloake</td> <td>02/17/2012</td> </tr> <tr> <td>Michel Perreault</td> <td>02/16/2012</td> </tr> <tr> <td>Paul Lem</td> <td>02/16/2012</td> </tr> <tr> <td>Alan Shayanpour</td> <td>02/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chris Harder	02/16/2012	Martin Cloake	02/17/2012	Michel Perreault	02/16/2012	Paul Lem	02/16/2012	Alan Shayanpour	02/19/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Spartan Bioscience Inc.</td> </tr> <tr> <td>Street Address:</td> <td>204-6 Gurdwara Road</td> </tr> <tr> <td>City:</td> <td>Ottawa, Ontario</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>K2E 8A3</td> </tr> </table>		Name:	Spartan Bioscience Inc.	Street Address:	204-6 Gurdwara Road	City:	Ottawa, Ontario	State/Country:	CANADA	Postal Code:	K2E 8A3		
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12753885</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12753885								
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CORRESPONDENCE DATA													
<p>Fax Number: 6175025002  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6172485000        Email: patentdocket@choate.com        Correspondent Name: Choate, Hall &amp; Stewart LLP        Address Line 1: Two International Place        Address Line 4: Boston, MASSACHUSETTS 02110</p>													
ATTORNEY DOCKET NUMBER:	2009379-0025												
NAME OF SUBMITTER:	Paul A. Nuzzi, PhD												
Signature:	/Paul A. Nuzzi/												

OP \$40.00 12753885

Date:

06/25/2013

**Total Attachments: 7**

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**JOINT ASSIGNMENT**

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

<b>Inventor Name</b>	<b>City, State</b>
<b>1. Chris HARDER</b>	Ottawa, Ontario CA
<b>2. Martin CLOAKE</b>	Ottawa, Ontario CA
<b>3. Michel PERREAULT</b>	Ottawa, Ontario CA
<b>4. Paul LEM</b>	Ottawa, Ontario CA
<b>5. Alan SHAYANPOUR</b>	Stittsville, Ontario CA

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent applications entitled:

**TUBE FOR DNA REACTIONS; and**

☐ prepared for filing in the United States Patent and Trademark Office; or

☒ identified by United States Application Serial No. **12/753,885** filed in the United States Patent and Trademark Office on **April 4, 2010**; and

☐ identified by International Patent Application No.. **Serial No.** filed on **Filing Date**; and

☒ and am also aware of the following priority applications:

**Serial No.: CA 2,662,546; Filed: April 15, 2009**

WHEREAS **Spartan Bioscience Inc.** (hereinafter "ASSIGNEE"), having a usual place of business at **204-6 Gurdwara Road, Ottawa, Ontario K2E 8A3, CANADA**, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment, and/or transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and/or transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue,

reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment, transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

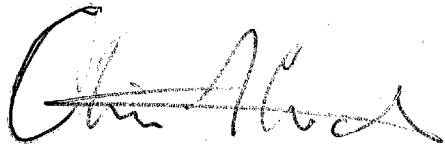
AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, I hereby request the Director of Patents and Trademarks of the United States to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.



Name: **Chris HARDER**

Feb 16<sup>th</sup> 2012

Date

Witness Signature:



Maegan Oelsner

Name (please print):

Feb. 16, 2012

Date

Witness Signature:




Rebecca Stiles

Name (please print):

Feb. 16, 2012

Date


  
Name: **Martin CLOAKE**

Feb. 17, 2012  
Date

Witness Signature: 

Rebecca Stiles  
Name (please print):

17-Feb-2012  
Date

Witness Signature: 

Maegan Oelsner  
Name (please print):

Feb 17, 2012  
Date


  
Name: Michel PERREAULT

FEB. 16/12  
Date

Witness Signature: 

Rebecca Stiles  
Name (please print):

Feb 16, 2012  
Date

Witness Signature: 

Maegan Oelsner  
Name (please print):

Feb 16, 2012  
Date

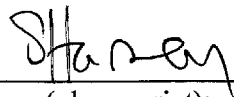


Name: **Paul LEM**

Feb 16/12

Date

Witness Signature:

 (SIMON HARNEY)

Name (please print):

2012.02.16

Date

Witness Signature:

 Kira Watson

Name (please print):

Feb 16/12

Date



A. Shy  
Name: Alan SHAYANOUR

19 Feb 2012  
Date

Witness Signature:

Harney SIMON HARNEY  
Name (please print):

2012.02.19  
Date

Witness Signature:

[Signature]  
Name (please print):

Feb 19/12  
Date

2009 379-0025