

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HAROLD DAVID GUNN	06/07/2011
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
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<b>DATE SIGNED:</b>	07/17/2015
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

**WHEREAS** **GUNN, Harold D.**, an individual, having a business address of 887 Great Northern Way, Vancouver, British Columbia, Canada V5T 4T5 (hereinafter referred to as "Assignor"), is the owner of certain new and useful improvements (the "Inventions") as described and set forth in the following applications for Letters Patent (the "Applications"):

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER

Filed in: United States of America

Application No.: 60/577206

Filing Date: Jun 07, 2004

First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER

Filed in: Patent Cooperation Treaty (RO/CA)

Application No.: PCT/CA2005/000812

Filing Date: May 30, 2005

First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE  
IMMUNE RESPONSE TO TREAT CANCERS

Filed in: United States of America

Application No.: 11/553972

Filing Date: Oct 27, 2006

First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER

Filed in: Canada

Application No.: 2611377

Filing Date: Dec 07, 2007

First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER

Filed in: Japan

Application No.: 2007-526137

Filing Date: Dec 07, 2006

First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: European Patent Office  
Application No.: 05748702.7  
Filing Date: Jan 3, 2007  
First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: European Patent Office  
Application No.: 10075497.7  
Filing Date: Sep 23, 2010  
First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: China  
Application No.: 200580026787.8  
Filing Date: Feb 7, 2007  
First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: India  
Application No.: 119/KOLNP/2007  
Filing Date: Jan 5, 2007  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE  
IMMUNE RESPONSE TO TREAT CANCERS  
Filed in: Canada  
Application No.: 2571805  
Filing Date: Dec 20, 2006  
First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: Australia  
Application No.: 2005251397  
Filing Date: Jan 4, 2007  
First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: Australia  
Application No.: 2011200580  
Filing Date: Feb 10, 2011  
First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: New Zealand  
Application No.: 552214  
Filing Date: Dec 18, 2006  
First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: New Zealand  
Serial No.: 581806  
Filing Date: Dec 8, 2009  
First Inventor: GUNN, Harold D.

Title of Invention: BACTERIAL COMPOSITIONS FOR THE TREATMENT OF  
CANCER  
Filed in: New Zealand  
Serial No.: 586338  
Filing Date: Jun 22, 2010  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE  
IMMUNE RESPONSE TO TREAT CANCERS  
Filed in: Patent Cooperation Treaty (RO/CA)  
Serial No.: PCT/CA2007/001915  
Filing Date: Oct 25, 2007  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE  
IMMUNE RESPONSE TO TREAT CANCERS  
Filed in: United States of America  
Serial No.: 12/234569  
Filing Date: Sep 19, 2008  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE  
IMMUNE RESPONSE TO TREAT CANCERS  
Filed in: United States of America  
Serial No.: 13/019208  
Filing Date: Feb 01, 2011  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE  
IMMUNE RESPONSE TO TREAT CANCERS  
Filed in: United States of America  
Serial No.: 12/843296  
Filing Date: July 26, 2010  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE IMMUNE RESPONSE TO TREAT CANCERS

Filed in: China  
Serial No.: 200780048022.3  
Filing Date: Jun 24, 2009  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE IMMUNE RESPONSE TO TREAT CANCERS

Filed in: India  
Serial No.: 1601/KOLNP/2009  
Filing Date: Apr 28, 2009  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE IMMUNE RESPONSE TO TREAT CANCERS

Filed in: Australia  
Serial No.: 2007308721  
Filing Date: May 6, 2009  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE IMMUNE RESPONSE TO TREAT CANCERS

Filed in: New Zealand  
Serial No.: 576590  
Filing Date: Apr 29, 2009  
First Inventor: GUNN, Harold D.

Title of Invention: TISSUE TARGETED ANTIGENIC ACTIVATION OF THE IMMUNE RESPONSE TO TREAT CANCERS

Filed in: European Patent Office  
Serial No.: 07816065.2  
Filing Date: May 27, 2009  
First Inventor: GUNN, Harold D.

**AND WHEREAS** QU BIOLOGICS INC., a corporation existing in British Columbia, Canada and having a business address of 887 Great Northern Way, Vancouver, British Columbia, Canada V5T 4T5 (hereinafter referred to as "Assignee"), is desirous of acquiring an interest in the said Applications, and in any Patents which may be granted from the same;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:** Be it known that, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged by Assignor, Assignor has sold, assigned and transferred, and hereby does sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said Inventions, the Applications aforesaid and all International Convention priority rights therewith, and in and to any Patent(s) which may hereafter be granted on the same in all countries throughout the world, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Patent which may be granted

thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

SIGNED AT VANCOUVER CANADA  
(City or Town) (Country)

this 7 day of JUNE, 2011.

[Signature]  
Witness's Signature

[Signature]  
GUNN, Harold D.

Gillian Vandermeirsch  
Witness's Name

921 Hendercourt Place  
N. Van, BC. V7K 2X5  
Witness's Address

SIGNED AT VANCOUVER CANADA  
(City or Town) (Country)

this 7 day of JUNE, 2011.

[Signature]  
Witness's Signature

[Signature]  
Authorized signatory for:  
QU BIOLOGICS INC.

Gillian Vandermeirsch  
Witness's Name

Harold Gunn, CEO  
Printed Name and Title of Authorized Signatory

921 Hendercourt Place  
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Witness's Address