

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JAMES HEYES	08/24/2018
RICHARD J. HOLLAND	09/14/2018
ALAN D. MARTIN	09/14/2018
MARK WOOD	09/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARBUTUS BIOPHARMA CORPORATION
<b>Street Address:</b>	100-8900 GLENLYON PARKWAY
<b>City:</b>	BURNABY, BRITISH COLUMBIA
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	V5J 5J8
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16092685
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	08165.056US1
<b>NAME OF SUBMITTER:</b>	MARY O'CONNOR
<b>SIGNATURE:</b>	/Mary E. O'Connor/
<b>DATE SIGNED:</b>	12/07/2018
<b>Total Attachments: 5</b>	
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**PATENT**

**REEL: 047709 FRAME: 0724**

## ASSIGNMENT

WHEREAS, I/we, (each referred to as "Assignor")

JAMES HEYES
RICHARD J. HOLLAND
ALAN D. MARTIN
MARK WOOD

made certain new and useful inventions and improvements for which I/we filed the following patent application(s)

COUNTRY	SERIAL NUMBER	FILING DATE
PCT	PCT/CA2017/050447	APRIL 11, 2017

AND WHEREAS, ARBUTUS BIOPHARMA CORPORATION, having an office and place of business at 100-8900 Glenlyon Parkway, Burnaby, British Columbia V5J 5J8 CANADA (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to any Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof 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 said prior agreement, I/we hereby sell, assign, transfer and set over unto said Assignee, including its successors and assigns, my/our entire right, title and interest to all inventions disclosed in the aforesaid application(s), including all rights to claim priority therefrom, and to any and all present or future patent applications to such inventions filed in the United States or any other country or region, inclusive of, but not limited to, all divisions, continuations, continuations-in-part, renewals thereof, substitutions, reexaminations, reissues, provisional patent applications, applications filed under the Patent Cooperation Treaty, certificates of addition, utility models, and petty patents, as well as all other intellectual property related to the applications, inclusive of, but not limited to, supplementary protection certificates, and to any and all Letters Patents and any related patent term extensions that may be granted for said Letters Patents with respect

to the applications; all of the above to be held by Assignee as fully and entirely as the same would have been held by me had this Assignment not been made.

AND, for the consideration aforesaid, I/we do hereby agree that I/we and my/our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I/we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of August, 2018.

  
JAMES HEYES

Witnessed by Hlaxi on this 24 day of Aug, 2018.

Hlaxi / Office Admin  
Witness Name/Title

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of SEPTEMBER, 2018.

  
RICHARD J. HOLLAND

Witnessed by Hlaxi on this 14 day of Spt, 2018.

Hlaxi / Office Admin  
Witness Name/Title

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14<sup>th</sup> day of SEPTEMBER, 2018.

  
ALAN D. MARTIN

Witnessed by Hlaxi on this 14 day of Spt, 2018.

Hlaxi / Office Admin  
Witness Name/Title

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of September, 2018.

  
MARK WOOD

Witnessed by J. Adams on this 14 day of Sept, 2018.

J. Adams / Office Admin  
Witness Name/Title

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We agree to and accept the attached assignment document on this 2<sup>nd</sup> day of October, 2018.

**FOR ARBUTUS BIOPHARMA CORPORATION**

SIGNATURE: Barry McGurl

NAME: Barry McGurl

TITLE: Senior Director, Intellectual Property