505730507 10/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5777318

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIAN YAN	09/03/2019
ANNA SLAGER	08/29/2019
BRADLEY GARMAN	08/29/2019
NEIL COOCH	09/24/2019

RECEIVING PARTY DATA

Name:	INOVIO PHARMACEUTICALS, INC.	
Street Address:	660 W. GERMANTOWN PIKE	
Internal Address:	SUITE 110	
City:	PLYMOUTH MEETING	
State/Country:	PENNSYLVANIA	
Postal Code:	19462	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16219460

CORRESPONDENCE DATA

Fax Number: (215)568-3439

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: 2155683100

Email:gclausz@bakerlaw.comCorrespondent Name:BAKERHOSTETLER

Address Line 1: CIRA CENTRE, 12TH FLOOR

Address Line 2: 2929 ARCH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104

ATTORNEY DOCKET NUMBER:	104409.000452	
NAME OF SUBMITTER:	GINA CLAUSZ	
SIGNATURE:	NATURE: /GINA CLAUSZ/	
DATE SIGNED:	10/18/2019	
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Total Attachments: 8

PATENT REEL: 050762 FRAME: 0558

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DOCKET NO.: 104409.000452 PATENT

ASSIGNMENT

WHEREAS, I, Jian Yan, a citizen of the United States, residing at 503 Sheffield Drive, Wallingford, Pennsylvania, 19086, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket No. 104409.000452 ("the invention"), Serial No. 16/219,460 filed December 13, 2018, which is entitled "Cancer Vaccines Targeting MUC16 And Uses Thereof" ("the subject application"), which claims benefit of U.S. provisional application nos. 62/598,314 filed December 13, 2017 and 62/599,513 filed December 15, 2017.

AND WHEREAS, Inovio Pharmaceuticals, Inc., ASSIGNEE, having a place of business at 660 W. Germantown Pike, Suite 110, Plymouth Meeting, Pennsylvania 19462, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 3rd day of September, year of 2019.

Jian Yan

DOCKET NO.: 104409,000452 PATENT

ASSIGNMENT

WHEREAS, I, Anna Slager, a citizen of the United States, residing at 205 Wyncote Court, Lansdale, Pennsylvania 19446, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket No. 104409.000452 ("the invention"), Serial No. 16/219,460 filed December 13, 2018, which is entitled "Cancer Vaccines Targeting MUC16 And Uses Thereof" ("the subject application"), which claims benefit of U.S. provisional application nos. 62/598,314 filed December 13, 2017 and 62/599,513 filed December 15, 2017.

AND WHEREAS, Inovio Pharmaceuticals, Inc., ASSIGNEE, having a place of business at 660 W. Germantown Pike, Suite 110, Plymouth Meeting, Pennsylvania 19462, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 29th day of August, year of 2019.

Anna Slager

Docket No.: 104409.000452 PATENT

ASSIGNMENT

WHEREAS, I, Bradley Garman, a citizen of the United States, residing at 539 Abington Avenue, Glenside, Pennsylvania 19038, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket No. 104409.000452 ("the invention"), Serial No. 16/219,460 filed December 13, 2018, which is entitled "Cancer Vaccines Targeting MUC16 And Uses Thereof" ("the subject application"), which claims benefit of U.S. provisional application nos. 62/598,314 filed December 13, 2017 and 62/599,513 filed December 15, 2017.

AND WHEREAS, Inovio Pharmaceuticals, Inc., ASSIGNEE, having a place of business at 660 W. Germantown Pike, Suite 110, Plymouth Meeting, Pennsylvania 19462, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

DOCKET NO.: 104409.000452 PATENT

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this $\frac{39}{2}$ day of $\frac{Avgust}{2}$, year of 2019.

Bradley Garman

Docket No.: 104409.000452 PATENT

ASSIGNMENT

WHEREAS, I, Neil Cooch, a citizen of the United States, residing at 525 Filbert Road, Oreland, Pennsylvania 19075, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket No. 104409.000452 ("the invention"), Serial No. 16/219,460 filed December 13, 2018, which is entitled "Cancer Vaccines Targeting MUC16 And Uses Thereof" ("the subject application"), which claims benefit of U.S. provisional application nos. 62/598,314 filed December 13, 2017 and 62/599,513 filed December 15, 2017.

AND WHEREAS, Inovio Pharmaceuticals, Inc., ASSIGNEE, having a place of business at 660 W. Germantown Pike, Suite 110, Plymouth Meeting, Pennsylvania 19462, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

DOCKET NO.: 104409.000452 PATENT

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this

_day of <u>September</u> year of 2019.

Neil Cooch

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RECORDED: 10/18/2019