

## 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>
NIRANJAN Y. SARDESAI	01/29/2010
MATHURA P. RAMANATHAN	03/21/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VGX PHARMACEUTICALS, LLC (D/B/A INOVIO PHARMACEUTICALS, INC.)
<b>Street Address:</b>	660 GERMANTOWN PIKE
<b>Internal Address:</b>	SUITE 110
<b>City:</b>	PLYMOUTH MEETING
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19462
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13503828
<b>Application Number:</b>	61257461
<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>	
<b>Phone:</b>	215-268-3888
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<b>Correspondent Name:</b>	DARRYL PRATCHER, RIVERSIDE LAW LLP
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<b>Address Line 4:</b>	WEST CONSHOHOCKEN, PENNSYLVANIA 19428
<b>ATTORNEY DOCKET NUMBER:</b>	206108-0015-00-US.603641
<b>NAME OF SUBMITTER:</b>	DARRYL PRATCHER
<b>SIGNATURE:</b>	/DARRYL PRATCHER/
<b>DATE SIGNED:</b>	07/08/2015
<b>Total Attachments: 4</b>	
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ASSIGNMENT

WHEREAS, we **Niranjan Y. Sardesai of North Wales, Pennsylvania** and **Mathura P. Ramanathan of Ardmore, Pennsylvania**, hereinafter referred to as the assignors, are the inventors and/or contributors of certain inventions or improvements for which we have filed a provisional application in the United States Patent and Trademark Office, identified as Serial No. **61/257,461**, filed **November 2, 2009**, entitled **“CROSS-PROTECTIVE FOOT AND MOUTH DISEASE VIRUS (FMDV) CONSENSUS VACCINES”**; and

WHEREAS, **VGX Pharmaceuticals, LLC**, hereinafter referred to as the assignee, of **450 Sentry Parkway, Blue Bell, Pennsylvania 19422**, a corporation of **Delaware**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said provisional application, and to any patent application(s) corresponding thereto, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said provisional application and any and all corresponding patent application(s) and continuations, divisions and renewals of and substitutes for said corresponding patent application(s), and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name corresponding patent applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will, each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said provisional application and said corresponding patent application(s) and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and we agree to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said provisional application, said corresponding patent application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.


DOCKET NO. 133172.03300

**PROVISIONAL  
Joint Inventor/Contributors**

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on any applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any corresponding patent application(s) aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: 1/29 /, 2010

  
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Niranjn Y. Sardesai

Dated: \_\_\_\_\_, 2010

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Mathura P. Ramanathan

ASSIGNMENT

WHEREAS, we **Niranjan Y. Sardesai of North Wales, Pennsylvania** and **Mathura P. Ramanathan of Ardmore, Pennsylvania**, hereinafter referred to as the assignors, are the inventors and/or contributors of certain inventions or improvements for which we have filed a provisional application in the United States Patent and Trademark Office, identified as Serial No. **61/257,461**, filed **November 2, 2009**, entitled **“CROSS-PROTECTIVE FOOT AND MOUTH DISEASE VIRUS (FMDV) CONSENSUS VACCINES”**; and

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DOCKET NO. 133172.03300

**PROVISIONAL  
Joint Inventor/Contributors**

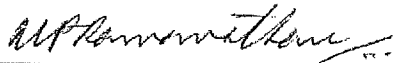
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IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: \_\_\_\_\_, 2010

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**Niranjan Y. Sardesai**

Dated: 21<sup>st</sup> March, 2010

  
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**Mathura P. Ramanathan**