

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4311732

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHIVA PRASAD KOTHA	03/07/2017
ANDRE RONALD WATSON	03/22/2016
VAIBHAV A. PANDIT	03/22/2016
RECEIVING PARTY DATA	
Name:	RENSSELAER POLYTECHNIC INSTITUTE
Street Address:	110 8TH STREET
City:	TROY
State/Country:	NEW YORK
Postal Code:	12180
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15024264
CORRESPONDENCE DATA	
Fax Number:	(518)452-5579
<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>	
Phone:	5184525600
Email:	lynn.comproski@hrfmlaw.com
Correspondent Name:	TEIGE P. SHEEHAN, PH.D.
Address Line 1:	5 COLUMBIA CIRCLE
Address Line 4:	ALBANY, NEW YORK 12203
ATTORNEY DOCKET NUMBER:	0093.183
NAME OF SUBMITTER:	TEIGE SHEEHAN
SIGNATURE:	/Teige Sheehan/
DATE SIGNED:	03/09/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 12	
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page1.tif	
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page2.tif	
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page3.tif	

source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page4.tif
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page5.tif
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page6.tif
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page7.tif
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page8.tif
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page9.tif
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page10.tif
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page11.tif
source=0094183 DEC-ASSIGNMENT All Executed (H0838301xD16FB)#page12.tif

ASSIGNMENT AND OATH

WHEREAS, WE,

Shiva Prasad KOTHA, a citizen of the United States of America, residing at 11 Foxhound Circle, Mechanicville, New York 12118;

Andre Ronald WATSON, a citizen of the United States of America, residing at 1991 15th Street, Troy, New York 12180; and

Vaibhav A. PANDIT, a citizen of the United States of America, residing at 106 14th Street, Troy, New York 12180

have invented certain new and useful improvements in

NANO-PARTICLE MEDIATED GENE DELIVERY, GENOMIC EDITING AND LIGAND-TARGETED MODIFICATION IN VARIOUS CELL POPULATIONS

which is the subject of United States Application Serial Number 15/024,264, filed on March 23, 2016, and

WHEREAS, **RENSSELAER POLYTECHNIC INSTITUTE**, having offices at 110 8th Street, Troy, New York 12180, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **Shiva Prasad KOTHA, Andre Ronald WATSON, and Vaibhav A. PANDIT**, do hereby assign, transfer and set over to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of above-identified application - including the right to claim priority to said application - all divisions, renewals, continuations, and continuations-in-part thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents 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 applications as aforesaid, to issue all

Letters Patent for said improvements to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

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 HEREBY further covenant and agree that We will communicate to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries;

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND WE HEREBY, as the above named inventors, declare that the above-identified application was made or authorized to be made by us;

AND WE HEREBY, as the above named inventors, declare that We believe that We are the original inventors of a claimed invention in the above-identified application;

AND WE HEREBY state that We have reviewed and understand the contents of the above-identified specification, including the claims;

AND WE HEREBY acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4th day of
March, 2017.

K. Shiva Prasad.
Shiva Prasad KOTHA

STATE OF New York)
COUNTY OF Saratoga) ss.:

On this 4th day of March, 2017, before me personally came **Shiva Prasad KOTHA**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.



BARBARA L. SIMON
Notary Public - State of New York
No. 81030168901
Qualified in Saratoga County
My Commission Expires Jan. 28, 2019

Barbara L. Simon
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of
_____, 2016.

Andre Ronald WATSON

STATE OF _____)
COUNTY OF _____) ss.:

On this ____ day of _____, 2016, before me personally came **Andre Ronald WATSON**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2016.

Vaibhav A. PANDIT

STATE OF _____)
) ss.:
COUNTY OF _____)

On this ____ day of _____, 2016, before me personally came **Vaibhav A. PANDIT**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Notary Public

ASSIGNMENT AND OATH

WHEREAS, WE,

Shiva Prasad KOTHA, a citizen of the United States of America, residing at 11 Foxhound Circle, Mechanicville, New York 12118;

Andre Ronald WATSON, a citizen of the United States of America, residing at 1991 15th Street, Troy, New York 12180; and

Vaibhav A. PANDIT, a citizen of the United States of America, residing at 106 14th Street, Troy, New York 12180

have invented certain new and useful improvements in

NANO-PARTICLE MEDIATED GENE DELIVERY, GENOMIC EDITING AND LIGAND-TARGETED MODIFICATION IN VARIOUS CELL POPULATIONS

which is the subject of United States Application Serial Number 15/024,264, filed on March 23, 2016, and

WHEREAS, **RENSSELAER POLYTECHNIC INSTITUTE**, having offices at 110 8th Street, Troy, New York 12180, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **Shiva Prasad KOTHA, Andre Ronald WATSON, and Vaibhav A. PANDIT**, do hereby assign, transfer and set over to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of above-identified application - including the right to claim priority to said application - all divisions, renewals, continuations, and continuations-in-part thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents 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 applications as aforesaid, to issue all

Letters Patent for said improvements to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

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 HEREBY further covenant and agree that We will communicate to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries;

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND WE HEREBY, as the above named inventors, declare that the above-identified application was made or authorized to be made by us;

AND WE HEREBY, as the above named inventors, declare that We believe that We are the original inventors of a claimed invention in the above-identified application;

AND WE HEREBY state that We have reviewed and understand the contents of the above-identified specification, including the claims;

AND WE HEREBY acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2016.

Shiva Prasad KOTHA

STATE OF _____)
) ss.:
COUNTY OF _____)

On this _____ day of _____, 2016, before me personally came **Shiva Prasad KOTHA**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Notary Public

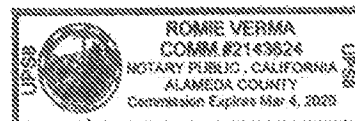
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of March, 2016.

Andre Ronald Watson
Andre Ronald WATSON

STATE OF California)
) ss.:
COUNTY OF Alameda)

On this 22 day of March, 2016, before me personally came **Andre Ronald WATSON**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Romie Verma
Notary Public



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2016.

Vaibhav A. PANDIT

STATE OF _____)
) ss.:
COUNTY OF _____)

On this ____ day of _____, 2016, before me personally came **Vaibhav A. PANDIT**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Notary Public

ASSIGNMENT AND OATH

WHEREAS, WE,

Shiva Prasad KOTHA, a citizen of the United States of America, residing at 11 Foxhound Circle, Mechanicville, New York 12118;

Andre Ronald WATSON, a citizen of the United States of America, residing at 1991 15th Street, Troy, New York 12180; and

Vaibhav A. PANDIT, a citizen of the United States of America, residing at 106 14th Street, Troy, New York 12180

have invented certain new and useful improvements in

NANO-PARTICLE MEDIATED GENE DELIVERY, GENOMIC EDITING AND LIGAND-TARGETED MODIFICATION IN VARIOUS CELL POPULATIONS

which is the subject of United States Application Serial Number 15/024,264, filed on March 23, 2016, and

WHEREAS, **RENSSELAER POLYTECHNIC INSTITUTE**, having offices at 110 8th Street, Troy, New York 12180, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which We hereby acknowledge, We, **Shiva Prasad KOTHA, Andre Ronald WATSON, and Vaibhav A. PANDIT**, do hereby assign, transfer and set over to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, the entire right title and interest in, to and under said improvements, of above-identified application - including the right to claim priority to said application - all divisions, renewals, continuations, and continuations-in-part thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents 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 applications as aforesaid, to issue all

Letters Patent for said improvements to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

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 HEREBY further covenant and agree that We will communicate to **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid **RENSSELAER POLYTECHNIC INSTITUTE**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries;

AND WE HEREBY grant Heslin Rothenberg Farley & Mesiti, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document;

AND WE HEREBY, as the above named inventors, declare that the above-identified application was made or authorized to be made by us;

AND WE HEREBY, as the above named inventors, declare that We believe that We are the original inventors of a claimed invention in the above-identified application;

AND WE HEREBY state that We have reviewed and understand the contents of the above-identified specification, including the claims;

AND WE HEREBY acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 2017.

Shiva Prasad KOTHA

STATE OF)
) ss.:
COUNTY OF)

On this ____ day of _____, 2017, before me personally came **Shiva Prasad KOTHA**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.

Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 2016.


Andre Ronald WATSON

STATE OF)
) ss.:
COUNTY OF)

On this ____ day of _____, 2016, before me personally came **Andre Ronald WATSON**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public

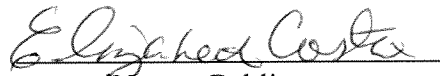
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22nd day of
March, 2016.



Vaibhav A. PANDIT

STATE OF IL)
COUNTY OF Lake) ss.:

On this 22 day of March, 2016, before me personally came **Vaibhav A. PANDIT**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he/she acknowledged the same to be his/her free act and deed.



Notary Public

