505794078 11/26/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5840907 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
RANDOLPH J. NOELLE	01/10/2008	
LI-FAN LU	02/07/2008	
SERGIO QUEZADA	05/23/2008	
DAVID GONDEK	05/23/2008	

RECEIVING PARTY DATA

Name:	TRUSTEES OF DARTMOUTH COLLEGE
Street Address:	11 ROPE FERRY ROAD
Internal Address:	#6210
City:	HANOVER
State/Country:	NEW HAMPSHIRE
Postal Code:	03755-1404

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13326792

CORRESPONDENCE DATA

Fax Number: (202)508-3402

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: 202.508.3400

Email: dmckim@bakerdonelson.com

Correspondent Name: BAKER, DONELSON, BEARMAN, CALDWELL & BERKOWITZ, PC

Address Line 1: 901 K STREET, N.W.

Address Line 2: SUITE 900

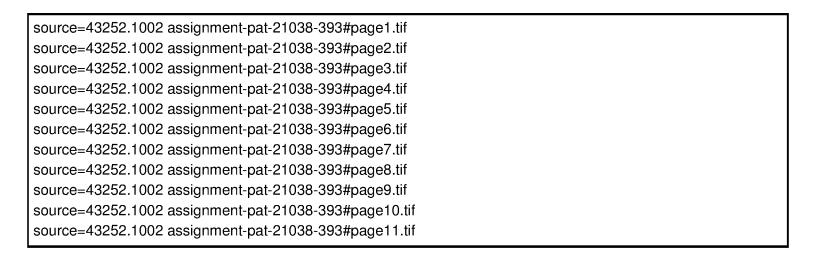
Address Line 4: WASHINGTON, D.C. 20001

NAME OF SUBMITTER: DAVID P. MCKIM SIGNATURE: /David P. McKim/ 11/26/2019	ATTORNEY DOCKET NUMBER:	1143252.001007
	NAME OF SUBMITTER:	DAVID P. MCKIM
DATE SIGNED: 11/26/2019	SIGNATURE:	/David P. McKim/
11/20/2010	DATE SIGNED:	11/26/2019

Total Attachments: 11

PATENT REEL: 051123 FRAME: 0724

505794078



Attorney Docket No.: DC0260US.NP

ASSIGNMENT

WHEREAS, we Randolph J. Noelle of 301 Freeman Road, Plainfield, New Hampshire 03781, Li-Fan Lu of 19 South Street, Lebanon, New Hampshire 03766, Sergio Quezada of 504 East 81st Street, Apt. 4J, New York, New York 10028 and David Gondek of 18 Lilypond Road, #5, White River Junction, Vermont 05001, hereinafter referred to as the assignors are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Attorney Docket No. DC0260US.NP, entitled Regulatory T Cell Mediator Proteins and Uses Thereof; and

WHEREAS, Trustees of Dartmouth College hereinafter referred to as the assignee, of 11 Rope Ferry Road, Hanover, NH 03755-1404, a corporation of New Hampshire, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, 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 each of 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 application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon 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 our names 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 us 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 application and said Letters Patent to said successors, assigns, assignee, nominees, its representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application 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.

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 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 the application aforesaid, in accordance with the terms of this assignment.

We further authorize and direct our attorneys to insert below* the serial number and filing date of said application now identified as Attorney Docket No. DC0260US.NP as soon as the same shall have been made known to them by the United States Patent Office.

State a) New Hampshire

COUNTY OF GRAPTON:
On this /c⁷H day of SS

County of the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of those persons own free will for the use and purposes therein set forth.

BRENDA TALBOTT BEAUX.

Notary Public, State of New Hampshire My Commission Expires May 3, 2011

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1 1.7	
Li-Fan Lu	(L.S.)
STATE OF WASHINGTON:	
COUNTY OF KING; On this 777 day of January, 2006	
personally came the above named <u>Li-Fan Lu</u> to me per and known to me to be the same individual who	onally known
foregoing assignment, and who acknowledged to me that the same was of those persons own free will for	execution of
purposes therein set forth.	
20/000	
Notary Public CW RETZENTHA	ver.
	(L.S.)
Sergio Quezada	(11.3.)
· 	
COUNTY OF:	
On this day of, 200, before	
came the above named <u>Sergio Quezada</u> to me persona known to me to be the same individual who executed assignment, and who acknowledged to me that execution	the foregoing
was of those persons' own free will for the use therein set forth.	and purposes
• • • • • • • • • • • • • • • • • • • •	
Notary Public	
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		(L.S.)
	David Gondek	
SS COUNTY OF	3 3	
personally came the above and known to me to be foregoing assignment, and	named <u>David Gondek</u> to me pers the same individual who e who acknowledged to me that persons' own free will for	executed the execution of
Notan	ry Public	
	nt covers application Serial n October 24 , 2007. made by me this 4th day o	
Kathi or Ja	Munanjud' leen A. Tyrrell, Reg. No. 38, ane Massey Licata, Reg. No. 3 icata & Tyrrell P.C.	

Attorney Docket No.: DC0260US.NP

ASSIGNMENT

WHEREAS, we Randolph J. Noelle of 301 Freeman Road, Plainfield, New Hampshire 03781, Li-Fan Lu of 8558 Stone Avenue, N., Seattle, Washington 98103, Sergio Quezada of 516 East 86th Street, Apt. 2D, New York, New York 10028 and David Gondek of 519 Washington Street, #11, Brookline, Massachusetts 02446, hereinafter referred to as the assignors are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Attorney Docket No. DC0260US.NP, entitled Regulatory T Cell Mediator Proteins and Uses Thereof; and

WHEREAS, Trustees of Dartmouth College hereinafter referred to as the assignee, of 11 Rope Ferry Road, Hanover, NH 03755-1404, a corporation of New Hampshire, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, 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 each of 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 application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon 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 our names 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 us 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 application and said Letters Patent to said its successors, assigns, nominees, representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application 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.

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 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 the application aforesaid, in accordance with the terms of this assignment.

We further authorize and direct our attorneys to insert below* the serial number and filing date of said application now identified as Attorney Docket No. DC0260US.NP as soon as the same shall have been made known to them by the United States Patent Office.

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

(L.S.)
Randolph J. Noelle
SS
COUNTY OF:
On this day of, 200, before me personally came the above named <u>Randolph J. Noelle</u> to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of those persons' own free will for the use and purposes therein set forth.
Notary Public

__(L.S.) Li-Fan Lu COUNTY OF On this _____ day of _ ____, 200__, before me personally came the above named Li-Fan Lu to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of those persons' own free will for the use and purposes therein set forth. Notary Public City: New York: COUNTY OF New YORK SS On this $\frac{\partial 3}{\partial x}$ day of $\frac{\partial 4}{\partial x}$, 200 $\frac{8}{3}$, before me personally came the above named <u>Sergio Quezada</u> to me personally known and

known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of those persons' own free will for the use and purposes

therein set forth.

Motary Public Public Ognoto

DWANA PARKES AGOSTO
NOTARY PUBLIC, STATE OF NEW YORK
No. 01PA6071477
QUALIFIED IN BRONX COUNTY
MY COMMISSION EXPIRES MARCH 18, 2018

(L.S.)	
David Gondek	
COUNTY OF:	
On this day of, 200, before personally came the above named <u>David Gondek</u> to me personally known to me to be the same individual who executed coregoing assignment, and who acknowledged to me that execution the same was of those persons' own free will for the use purposes therein set forth.	nowr the n of
Notary Public	
*The above assignment covers application Serial No. 11/912,397, filed on October 24, 2007.	
The above insertion made by me this 4th day of June , ¾%%% 2008	
Kathleen A. Tyrrell, Reg. No. 38,350	

of Licata & Tyrrell P.C.

or Jane Massey Licata, Reg. No. 32,257

Attorney Docket No.: DC0260US.NP

ASSIGNMENT

WHEREAS, we Randolph J. Noelle of 301 Freeman Road, Plainfield, New Hampshire 03781, Li-Fan Lu of 8558 Stone Avenue, N., Seattle, Washington 98103, Sergio Quezada of 504 East 81st Street, Apt. 4J, New York, New York 10028 and David Gondek of 519 Washington Street, #11, Brookline, Massachusetts 02446, hereinafter referred to as the assignors are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Attorney Docket No. DC0260US.NP, entitled Regulatory T Cell Mediator Proteins and Uses Thereof; and

WHEREAS, Trustees of Dartmouth College hereinafter referred to as the assignee, of 11 Rope Ferry Road, Hanover, NH 03755-1404, a corporation of New Hampshire, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, 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 each of 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 application and any and all continuations, divisions and renewals of and substitutes for said application or any other application based in whole or in part thereon 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 our names 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 us 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

	(L.S.)
	Li-Fan Lu	
S	: S	
COUNTY OF		
and known to me to be foregoing assignment, and	ay of, 200, here named <u>Li-Fan Lu</u> to me personally the same individual who exect who acknowledged to me that exempersons' own free will for the the	uted the cution of
Nota	ry Public	
	(L.S.)
	Sergio Quezada	
S	.: .:	
COUNTY OF		
known to me to be the sa assignment, and who ackn	of, 200, before me pagio Quezada to me personally ame individual who executed the lowledged to me that execution of own free will for the use and	known and foregoing the same
Nota	ry Public	_

Java (L.S.)

Kathleen A. Tyrrell, Reg. No. 38,350 or Jane Massey Licata, Reg. No. 32,257 of Licata & Tyrrell P.C.