## 503197885 02/27/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3244502

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
MATTHEW G. WOLL	12/30/2014
GUANGMING CHEN	12/23/2014
SOONGYU CHOI	12/26/2014
AMAL DAKKA	01/07/2015
SONG HUANG	12/31/2014
GARY MITCHELL KARP	12/23/2014
CHANG-SUN LEE	12/26/2014
CHUNSHI LI	12/30/2014
JANA NARASIMHAN	12/23/2014
NIKOLAI NARYSHKIN	12/23/2014
SERGEY PAUSHKIN	12/29/2014
HONGYAN QI	12/30/2014
TIANLE YANG	12/30/2014
NANJING ZHANG	12/23/2014
XIAOYAN ZHANG	01/06/2015
XIN ZHAO	01/07/2015
ANTHONY A. TURPOFF	12/24/2014
MARLA L. WEETALL	12/23/2014
ELLEN WELCH	12/23/2014

## **RECEIVING PARTY DATA**

Name:	PTC THERAPEUTICS, INC.	
Street Address:	100 CORPORATE COURT	
City:	SOUTH PLAINFIELD	
State/Country:	NEW JERSEY	
Postal Code:	07080	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14369294

PATENT REEL: 035049 FRAME: 0218

503197885

### CORRESPONDENCE DATA

Fax Number: (404)581-8330

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: 4045818339

Email: mmao@jonesday.com

**Correspondent Name:** MARTIN MAO

Address Line 1: 1420 PEACHTREE STREET, N.E.

Address Line 2: SUITE 800

Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	10589-160-999
NAME OF SUBMITTER:	ZHAN MAO
SIGNATURE:	/Zhan Mao/
DATE SIGNED:	02/27/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

# **Total Attachments: 56**

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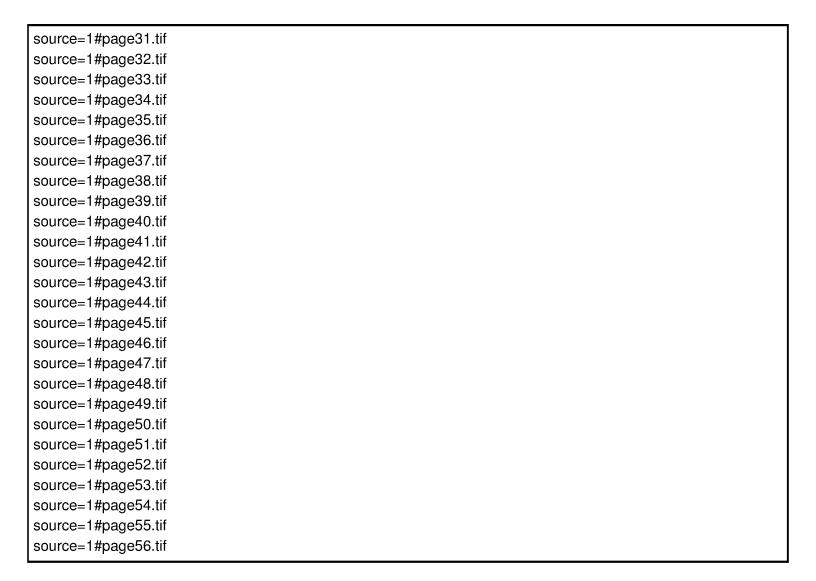
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**PATENT REEL: 035049 FRAME: 0219** 



PATENT REEL: 035049 FRAME: 0220

WHEREAS, WE, Matthew G. WOLL, citizen of the United States of America, having a mailing address of 413 Mountainview Terrace, Dunellen, New Jersey, 08812, the United States of America residing at Dunellen, New Jersey, the United States of America; Guangming CHEN, citizen of the United States of America, having a mailing address of 932 Sunset Ridge, Bridgewater, New Jersey, 08807, the United States of America residing at Bridgewater, New Jersey, the United States of America; Soongyu CHOI, citizen of the United States of America, having a mailing address of 18 Truman Avenue, Princeton, New Jersey, 08540, the United States of America residing at Belle Mead, New Jersey, the United States of America; Amal DAKKA, citizen of the United States of America, having a mailing address of 3 Gleim Rd, Whitehouse Station, New Jersey, 08889, the United States of America residing at Whitehouse Station, New Jersey, the United States of America; Song HUANG, citizen of the United States of America, having a mailing address of 15682 Anchorage Drive, San Leandro, California, 94579, the United States of America residing at San Leandro, California, the United States of America; Gary Mitchell KARP, citizen of the United States of America, having a mailing address of 37 Cartwright Drive, Princeton Junction, New Jersey, 08550, the United States of America residing at Princeton Junction, New Jersey, the United States of America; Chang-Sun LEE, citizen of the United States of America, having a mailing address of 118 Ketcham Rd., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Chunshi LI, citizen of the United States of America, having a mailing address of 10 Albemarle Rd, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Jana NARASIMHAN, citizen of the United States of America, having a mailing address of 2257 New York Ave., Scotch Plains, New Jersey, 07076, the United States of America residing at Scotch Plains, New Jersey, the United States of America; Nikolai NARYSHKIN, citizen of the United States of America, having a mailing address of 101 Windsong Circle, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Sergey PAUSHKIN, citizen of the United States of America, having a mailing address of 51 Scenic Hills Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Hongyan QI, citizen of the United States of America, having a mailing address of 30 Birch Drive, Plainsboro, New Jersey, 08536, the United States of America residing at Plainsboro, New Jersey, the United States of America; Anthony A. TURPOFF, citizen of the United States of America, having a mailing address of 94 Meadowbrook Dr., Hillsborough, New Jersey, 08844, the United States of America residing at Hillsborough, New Jersey, the United States of America; Marla L. WEETALL, citizen of the United States of America, having a mailing address of 70 Burnham Parkway, Morristown, New Jersey, 07960, the United States of America residing at Morristown, New Jersey, the United States of America; Ellen WELCH, citizen of the United States of America, having a mailing address of 33 Hollow Brook Rd, Califon, New Jersey, 07830, the United States of America residing at Califon, New Jersey, the United States of America; Tianle YANG, citizen of the United States of America, having a mailing address of 1573 Coles Ave., Mountainside, New Jersey, 07092, the United States of America residing at Mountainside, New Jersey, the United States of America; Nanjing ZHANG, citizen of the United States of America, having a mailing address of 4 Pickering Cir, Princeton, New Jersey, 08540, the United States of America residing at Princeton, New Jersey, the United States of America; Xiaoyan ZHANG, citizen of the United States of America, having a mailing address of 7 Livingston Dr., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; and Xin ZHAO, citizen of the United States of America, having a mailing address of 222 Tomahawk Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America, ASSIGNORS, are co-inventors with Emmanuel PINARD and Hasane RATNI of the invention in COMPOUNDS FOR TREATING SPINAL MUSCULAR ATROPHY, for which an application for a patent of the United States has been filed,

⊠which is identified by Jones Day docket no. 10589-160-999	
⊠which was filed on June 27, 2014, Application No. 14/369,294	
☐ We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number) the filing date and application number of said application when known.	, filed
As above-named inventors, each of us hereby declares that:	~~~
This declaration is directed to:	
☐ The attached application,	
OR	
☑ United States Application Number 14/369,294 filed on June 27, 2014.	
The above-identified application was made or authorized to be made by me.	
I believe I am an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or impri	isonment

Authorization to Permit Access to Application by Participating Office

of not more than five (5) years, or both.

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35

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In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, **PTC THERAPEUTICS, INC.**, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 100 Corporate Court, Middlesex Business Center, South Plainfield, New Jersey, 07080, the United States of America, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for 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, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	, 2014	Matthew G. WOLL	L.S.
Date	, 2014	Guangming CHEN	L.S.
Date	, 2014	Soongyu CHOI	L.S.
Date	, 2014	Amal DAKKA	L.S.
Date	, 2014	Song HUANG	L.S.
Date	, 2014	Gary Mitchell KARP	L.S.
Date	, 2014	Chang-Sun LEE	L.S.

Date	12-30	_ , 2014	Church Li Chunshi LI	L.S
Date		_ , 2014	Jana NARASIMHAN	L.S
Date		_ , 2014	Nikolai NARYSHKIN	L.S
Date		, 2014	Sergey PAUSHKIN	L.S.
Date		, 2014	Hongyan QI	L.S.
Date		, 2014.	Anthony A. TURPOFF	L.S.
Date		, 2014	Marla L. WEETALL	L.S.
Date		, 2014	Ellen WELCH	L.S.
Date		, 2014	Tianle YANG	L.S.
Date		, 2014	Nanjing ZHANG	L.S.
Date		, 2014	Xiaoyan ZHANG	L.S.
Date		, 2014	Xin ZHAO	L.S.

On	STATE OF New Jersey	) §	
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STATE OF New Jersey ) §   S   S     COUNTY OF Middlesex   S     On before me,, Notary Public, personally appeared Soongyu CHOI, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.  WITNESS my hand and official seal  Signature(Seal)  STATE OF New Jersey   §   S   S     COUNTY OF Middlesex   S     On before me,	WITNESS my hand and officia	l seal	
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Signature(Seal)	Signature		(Seal)

STATE OF New Jersey ) §	
COUNTY OF Middlesex ) §	
On	Public, personally appeared <b>Song HUANG</b> , who bed to the within instrument and acknowledged to their signature(s) on the instrument the person(s).
WITNESS my hand and official seal.	
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STATE OF New Jersey ) §	
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Signature(Seal)	
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COUNTY OF Middlesex ) §
Onbefore me,, Notary Public, personally appeared Anthony A. TURPOFF, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal
Signature(Seal)
STATE OF New Jersey ) §
, <b>.</b>
Onbefore me,, Notary Public, personally appeared Maria L. WEETALL, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
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WITNESS my hand and offi	cial seal			
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ACCEPTED AND AGREE	DJO BY ASSIGNEE, PTC T	THED A DELITICS INC.	· · · · · · · · · · · · · · · · · · ·	<del></del>
Signature		—————	Date: 1/30/2015	_
Printed name	Mark E. Boulding			
Title	Executive Vice President Chief Legal Officer			

WHEREAS, WE, Matthew G. WOLL, citizen of the United States of America, having a mailing address of 413 Mountainview Terrace, Dunellen, New Jersey, 08812, the United States of America residing at Dunellen, New Jersey, the United States of America; Guangming CHEN, citizen of the United States of America, having a mailing address of 932 Sunset Ridge, Bridgewater, New Jersey, 08807, the United States of America residing at Bridgewater, New Jersey, the United States of America: Soongyu CHOI, citizen of the United States of America, having a mailing address of 18 Truman Avenue, Princeton, New Jersey, 08540, the United States of America residing at Belle Mead, New Jersey, the United States of America; Amal DAKKA, citizen of the United States of America, having a mailing address of 3 Gleim Rd, Whitehouse Station, New Jersey, 08889, the United States of America residing at Whitehouse Station, New Jersey, the United States of America; Song HUANG, citizen of the United States of America, having a mailing address of 15682 Anchorage Drive, San Leandro, California, 94579, the United States of America residing at San Leandro, California, the United States of America; Gary Mitchell KARP, citizen of the United States of America, having a mailing address of 37 Cartwright Drive, Princeton Junction, New Jersey, 08550, the United States of America residing at Princeton Junction, New Jersey, the United States of America; Chang-Sun LEE, citizen of the United States of America, having a mailing address of 118 Ketcham Rd., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Chunshi LI, citizen of the United States of America, having a mailing address of 10 Albemarle Rd, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Jana NARASIMHAN, citizen of the United States of America, having a mailing address of 2257 New York Ave., Scotch Plains, New Jersey, 07076, the United States of America residing at Scotch Plains, New Jersey, the United States of America; Nikolai NARYSHKIN, citizen of the United States of America, having a mailing address of 101 Windsong Circle, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Sergey PAUSHKIN, citizen of the United States of America, having a mailing address of 51 Scenic Hills Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Hongyan QI, citizen of the United States of America, having a mailing address of 30 Birch Drive, Plainsboro, New Jersey, 08536, the United States of America residing at Plainsboro, New Jersey, the United States of America; Anthony A. TURPOFF, citizen of the United States of America, having a mailing address of 94 Meadowbrook Dr., Hillsborough, New Jersey, 08844, the United States of America residing at Hillsborough, New Jersey, the United States of America; Marla L. WEETALL, citizen of the United States of America, having a mailing address of 70 Burnham Parkway, Morristown, New Jersey, 07960, the United States of America residing at Morristown, New Jersey, the United States of America; Ellen WELCH, citizen of the United States of America, having a mailing address of 33 Hollow Brook Rd, Califon, New Jersey, 07830, the United States of America residing at Califon, New Jersey, the United States of America; Tianle YANG, citizen of the United States of America, having a mailing address of 1573 Coles Ave., Mountainside, New Jersey, 07092, the United States of America residing at Mountainside, New Jersey, the United States of America; Nanjing ZHANG, citizen of the United States of America, having a mailing address of 4 Pickering Cir, Princeton, New Jersey, 08540, the United States of America residing at Princeton, New Jersey, the United States of America; Xiaoyan ZHANG, citizen of the United States of America, having a mailing address of 7 Livingston Dr., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; and Xin ZHAO, citizen of the United States of America, having a mailing address of 222 Tomahawk Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America, ASSIGNORS, are co-inventors with Emmanuel PINARD and Hasane RATNI of the invention in COMPOUNDS FOR TREATING SPINAL MUSCULAR ATROPHY, for which an application for a patent of the United States has been filed.

⊠which is identified by Jones Day docket no. 10589-160-999
⊠which was filed on June 27, 2014, Application No. 14/369,294
We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number, filed) the filing date and application number of said application when known.
As above-named inventors, each of us hereby declares that:
This declaration is directed to:
☐ The attached application,
OR
☑ United States Application Number 14/369,294 filed on June 27, 2014.
The above-identified application was made or authorized to be made by me.
I believe I am an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both

Authorization to Permit Access to Application by Participating Office

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35

Page 1 of 8

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, PTC THERAPEUTICS, INC., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 100 Corporate Court, Middlesex Business Center, South Plainfield, New Jersey, 07080, the United States of America, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for 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, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	, 2014	Matthew G. WOLL	L.S.
Date	, 2014	Guangming CHEN	L.S.
Date	, 2014	Soongyu CHOI	L.S.
Date	, 2014	Amal DAKKA	L.S.
Date	, 2014	Song HUANG	L.S.
Date	, 2014	Gary Mitchell KARP	L.S.
Date	, 2014	Chang-Sun LEE	L.S.

Date	, 2014	Chunshi LI	L.S.
Date	, 2014	Jana NARASIMHAN	L.S.
Date	, 2014	Nikolai NARYSHKIN	L.S.
Date	, 2014	Sergey PAUSHKIN	L.S.
Date 12/30	, 2014	Hongyan QI	L.S.
Date	, 2014	Anthony A. TURPOFF	L.S.
Date	, 2014	Marla L. WEETALL	L.S.
Date	, 2014	Ellen WELCH	L.S.
Date	, 2014	Tianle YANG	L.S.
Date	, 2014	Nanjing ZHANG	L.S.
Date	, 2014	Xiaoyan ZHANG	L.S.
Date	, 2014	Xin ZHAO	L.S.

STATE OF New Jersey ) §
COUNTY OF Middlesex ) §
On before me,, Notary Public, personally appeared Matthew G. WOLL personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal
Signature(Seal)
STATE OF New Jersey ) §
STATE OF New Jersey ) \$
On before me,, Notary Public, personally appeared <b>Guangming CHEN</b> , personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal
Signature(Seal)
STATE OF New Jersey
STATE OF New Jersey ) \$
On before me,, Notary Public, personally appeared Amal DAKKA, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal
Signature(Seal)

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COUNTY OF Middlesex	) § ) §	
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WITNESS my hand and off	īcial seal.	
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STATE OF New Jersey COUNTY OF Middlesex		
acknowledged to me that	before me, o me on the basis of satisfactory evidence he/she/they executed the same in his/h the entity upon behalf of which the person	, Notary Public, personally appeared <b>Gary Mitchell</b> ce to be the person(s) whose name(s) is subscribed to the within instrument and per/their authorized capacity(ies), and that by his/her/their signature(s) on the on(s) acted, executed the instrument.
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instrument the person(s), or	the entity upon behalf of which the person	, Notary Public, personally appeared <b>Chang-Sun LEE</b> , be the person(s) whose name(s) is subscribed to the within instrument and er/their authorized capacity(ies), and that by his/her/their signature(s) on the on(s) acted, executed the instrument.
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acted the histothem.
Notary Public, personally appeared Sergey PAUSHKIN nose name(s) is subscribed to the within instrument and apacity(ies), and that by his/her/their signature(s) on the he instrument.
ared Hongyan QI, personally known to me on the basis of the person that he/she/they executed the instrument the person(s), or the entity upon behalf of which PAUL MARTIN  ID # 2227247  NOTARY PUBLIC  STATE OF NEW JERSEY  My Commission Expires August 4, 2019

STATE OF New Jersey )	§ 8			
COUNTY OF Middlesex )	§			
On	ne/sne/mey executed the	same in his/her/their auth	iorized capacity(ies), and that by	onally appeared Anthony A. bscribed to the within instrument within his/her/their signature(s) on the
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Signature		(Seal)		
STATE OF New Jersey ) COUNTY OF Middlesex )	§ 8			
On	ne/sne/iney executed the	same in his/her/their author	orized canacity(ies), and that by	sonally appeared <b>Marla L.</b> bscribed to the within instrument his/her/their signature(s) on the
WITNESS my hand and official	l seal			
Signature		(Seal)		
STATE OF New Jersey ) ( COUNTY OF Middlesex )	§			
On	mermey executed the sain	me m ms/ner/meir aumori	ized canacity(ies), and that hy	ally appeared Ellen WELCH, ed to the within instrument and his/her/their signature(s) on the
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Signature		(Seal)		
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STATE OF New Jersey ) § (COUNTY OF Middlesex ) §	} }			
On personally known to me on the acknowledged to me that he/sl instrument the person(s), or the or	ne/tney executed the sam	ne in his/her/their authori:	zed capacity(ies), and that by I	ally appeared <b>Tianle YANG</b> , do to the within instrument and his/her/their signature(s) on the
WITNESS my hand and official	seal			
Signature		(Seal)		
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COUNTY OF Middlesex )	§ §			
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Signature		(Seal)		
STATE OF New Jersey ) COUNTY OF Middlesex )	§ §			
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STATE OF New Jersey ) COUNTY OF Middlesex )	§ §			<b>-</b>
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WITNESS my hand and officia	. seai			
Signature		(Seal)		_
ACCEPTED AND AGREED F	ORY ASSIGNEE PTO TI	JEDADEUTICS INC.		
Signature	SBI ASSIGNEE, FIG II		Date: 1/30/2015	
Exec	rk E. Boulding utive Vice President			
Title	nief Legal Officer			

WHEREAS, WE, Matthew G. WOLL, citizen of the United States of America, having a mailing address of 413 Mountainview Terrace, Dunellen, New Jersey, 08812, the United States of America residing at Dunellen, New Jersey, the United States of America; Guangming CHEN, citizen of the United States of America, having a mailing address of 932 Sunset Ridge, Bridgewater, New Jersey, 08807, the United States of America residing at Bridgewater, New Jersey, the United States of America; Soongyu CHOI, citizen of the United States of America, having a mailing address of 18 Truman Avenue, Princeton, New Jersey, 08540, the United States of America residing at Belle Mead, New Jersey, the United States of America; Amal DAKKA, citizen of the United States of America, having a mailing address of 3 Gleim Rd, Whitehouse Station, New Jersey, 08889, the United States of America residing at Whitehouse Station, New Jersey, the United States of America; Song HUANG, citizen of the United States of America, having a mailing address of 15682 Anchorage Drive, San Leandro, California, 94579, the United States of America residing at San Leandro, California, the United States of America; Gary Mitchell KARP, citizen of the United States of America, having a mailing address of 37 Cartwright Drive, Princeton Junction, New Jersey, 08550, the United States of America residing at Princeton Junction, New Jersey, the United States of America; Chang-Sun LEE, citizen of the United States of America, having a mailing address of 118 Ketcham Rd., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Chunshi LI, citizen of the United States of America, having a mailing address of 10 Albemarle Rd, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Jana NARASIMHAN, citizen of the United States of America, having a mailing address of 2257 New York Ave., Scotch Plains, New Jersey, 07076, the United States of America residing at Scotch Plains, New Jersey, the United States of America; Nikolai NARYSHKIN, citizen of the United States of America, having a mailing address of 101 Windsong Circle, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Sergey PAUSHKIN, citizen of the United States of America, having a mailing address of 51 Scenic Hills Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Hongyan QI, citizen of the United States of America, having a mailing address of 30 Birch Drive, Plainsboro, New Jersey, 08536, the United States of America residing at Plainsboro, New Jersey, the United States of America; Anthony A. TURPOFF, citizen of the United States of America, having a mailing address of 94 Meadowbrook Dr., Hillsborough, New Jersey, 08844, the United States of America residing at Hillsborough, New Jersey, the United States of America; Marla L. WEETALL, citizen of the United States of America, having a mailing address of 70 Burnham Parkway, Morristown, New Jersey, 07960, the United States of America residing at Morristown, New Jersey, the United States of America; Ellen WELCH, citizen of the United States of America, having a mailing address of 33 Hollow Brook Rd, Califon, New Jersey, 07830, the United States of America residing at Califon, New Jersey, the United States of America; Tianle YANG, citizen of the United States of America, having a mailing address of 1573 Coles Ave., Mountainside, New Jersey, 07092, the United States of America residing at Mountainside, New Jersey, the United States of America; Nanjing ZHANG, citizen of the United States of America, having a mailing address of 4 Pickering Cir, Princeton, New Jersey, 08540, the United States of America residing at Princeton, New Jersey, the United States of America; Xiaoyan ZHANG, citizen of the United States of America, having a mailing address of 7 Livingston Dr., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; and Xin ZHAO, citizen of the United States of America, having a mailing address of 222 Tomahawk Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America, ASSIGNORS, are co-inventors with Emmanuel PINARD and Hasane RATNI of the invention in COMPOUNDS FOR TREATING SPINAL MUSCULAR ATROPHY, for which an application for a patent of the United States has been filed,

⊠which is identified by Jones Day docket no. 10589-160-999	
⊠which was filed on June 27, 2014, Application No. 14/369,294	
☐ We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number	filed
As above-named inventors, each of us hereby declares that:	
This declaration is directed to:	
☐ The attached application,	
OR	
☑ United States Application Number 14/369,294 filed on June 27, 2014.	
The above-identified application was made or authorized to be made by me.	
I believe I am an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment.	nent

Authorization to Permit Access to Application by Participating Office

of not more than five (5) years, or both.

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35

Page 1 of 8

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, **PTC THERAPEUTICS, INC.**, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 100 Corporate Court, Middlesex Business Center, South Plainfield, New Jersey, 07080, the United States of America, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for 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, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	, 2014	Matthew G. WOLL	L.S.
Date	, 2014	Guangming CHEN	L.S.
Date	, 2014	Soongyu CHOI	L.S.
Date	, 2014	Amal DAKKA	, L.S.
Date	, 2014	Song HUANG	L.S.
Date	, 2014	Gary Mitchell KARP	L.S.
Date	, 2014	Chang-Sun LEE	L.S

Date	, 2014	Chunshi LI	L.S.
Date	, 2014	Jana NARASIMHAN	L.S.
Date	, 2014	Nikolai NARYSHKIN	L.S.
Date	, 2014	Sergey PAUSHKIN	L.S.
Date	, 2014	Hongyan QI	L.S.
Date	, 2014	Anthony A. TURPOFF	L.S.
Date	, 2014	Marla L. WEETALL	L.S.
Date	, 2014	Ellen WELCH	L.S.
Date <u>December 30</u>	, 2014	Tianle YANG	L.S.
Date	, 2014	Nanjing ZHANG	L.S.
Date	, 2014	Xiaoyan ZHANG	L.S.
Date	, 2014	Xin ZHAO	L.S.

STATE OF New Jersey ) §
COUNTY OF Middlesex ) §
On before me,, Notary Public, personally appeared Matthew G. WOLL personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal
Signature(Seal)
STATE OF New Jersey ) §
) § COUNTY OF Middlesex ) §
On before me,, Notary Public, personally appeared <b>Guangming CHEN</b> personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
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WITNESS my hand and official seal
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Onbefore me,, Notary Public, personally appeared <b>Anthony TURPOFF</b> , personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) or instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.	A nen th
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Onbefore me,, Notary Public, personally appeared Marla WEETALL, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrur and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.	L. nent
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Signature (Seal)  ID # 2227247  NOTARY PUBLIC  STATE OF NEW JERSEY  My Commission Expires August 4, 2019	

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COUNTY OF Middlesex	) § ) §			
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WITNESS my hand and off	icial seal			
Signature		(Seal)		
ACCEPTED AND AGREE	D TO BY ASSIGNEE, PTC T	HERAPEUTICS, INC.		
Signature			Date: 1/30/20/5	,
Printed name	Mark E. Boulding			
Title	Executive Vice President Chief Legal Officer			

WHEREAS, WE, Matthew G. WOLL, citizen of the United States of America, having a mailing address of 413 Mountainview Terrace, Dunellen, New Jersey, 08812, the United States of America residing at Dunellen, New Jersey, the United States of America; Guangming CHEN, citizen of the United States of America, having a mailing address of 932 Sunset Ridge, Bridgewater, New Jersey, 08807, the United States of America residing at Bridgewater, New Jersey, the United States of America; Soongyu CHOI, citizen of the United States of America, having a mailing address of 18 Truman Avenue, Princeton, New Jersey, 08540, the United States of America residing at Belle Mead, New Jersey, the United States of America; Amal DAKKA, citizen of the United States of America, having a mailing address of 3 Gleim Rd, Whitehouse Station, New Jersey, 08889, the United States of America residing at Whitehouse Station, New Jersey, the United States of America; Song HUANG, citizen of the United States of America, having a mailing address of 15682 Anchorage Drive, San Leandro, California, 94579, the United States of America residing at San Leandro, California, the United States of America; Gary Mitchell KARP, citizen of the United States of America, having a mailing address of 37 Cartwright Drive, Princeton Junction, New Jersey, 08550, the United States of America residing at Princeton Junction, New Jersey, the United States of America; Chang-Sun LEE, citizen of the United States of America, having a mailing address of 118 Ketcham Rd., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Chunshi LI, citizen of the United States of America, having a mailing address of 10 Albemarle Rd, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Jana NARASIMHAN, citizen of the United States of America, having a mailing address of 2257 New York Ave., Scotch Plains, New Jersey, 07076, the United States of America residing at Scotch Plains, New Jersey, the United States of America; Nikolai NARYSHKIN, citizen of the United States of America, having a mailing address of 101 Windsong Circle, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Sergey PAUSHKIN, citizen of the United States of America, having a mailing address of 51 Scenic Hills Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Hongyan QI, citizen of the United States of America, having a mailing address of 30 Birch Drive, Plainsboro, New Jersey, 08536, the United States of America residing at Plainsboro, New Jersey, the United States of America; Anthony A. TURPOFF, citizen of the United States of America, having a mailing address of 94 Meadowbrook Dr., Hillsborough, New Jersey, 08844, the United States of America residing at Hillsborough, New Jersey, the United States of America; Marla L. WEETALL, citizen of the United States of America, having a mailing address of 70 Burnham Parkway, Morristown, New Jersey, 07960, the United States of America residing at Morristown, New Jersey, the United States of America; Ellen WELCH, citizen of the United States of America, having a mailing address of 33 Hollow Brook Rd, Califon, New Jersey, 07830, the United States of America residing at Califon, New Jersey, the United States of America; Tianle YANG, citizen of the United States of America, having a mailing address of 1573 Coles Ave., Mountainside, New Jersey, 07092, the United States of America residing at Mountainside, New Jersey, the United States of America; Nanjing ZHANG, citizen of the United States of America, having a mailing address of 4 Pickering Cir, Princeton, New Jersey, 08540, the United States of America residing at Princeton, New Jersey, the United States of America; Xiaoyan ZHANG, citizen of the United States of America, having a mailing address of 7 Livingston Dr., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; and Xin ZHAO, citizen of the United States of America, having a mailing address of 222 Tomahawk Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America, ASSIGNORS, are co-inventors with Emmanuel PINARD and Hasane RATNI of the invention in COMPOUNDS FOR TREATING SPINAL MUSCULAR ATROPHY, for which an application for a patent of the United States has been filed.

⊠which is identified by Jones Day docket no. 10589-160-999
⊠which was filed on June 27, 2014, Application No. 14/369,294
We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number, filed) the filing date and application number of said application when known.
As above-named inventors, each of us hereby declares that:
This declaration is directed to:
☐ The attached application,
OR
☑ United States Application Number 14/369,294 filed on June 27, 2014.
The above-identified application was made or authorized to be made by me.
I believe I am an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonmen of not more than five (5) years, or both.

Authorization to Permit Access to Application by Participating Office

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO. WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35

Page 1 of 1

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, **PTC THERAPEUTICS, INC.**, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 100 Corporate Court, Middlesex Business Center, South Plainfield, New Jersey, 07080, the United States of America, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for 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, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	, 2014	Matthew G. WOLL	L.S.
Date	, 2014	Guangming CHEN	L.S.
Date	, 2014	Soongyu CHOI	L.S.
Date	, 2014	Amal DAKKA	L.S.
Date	, 2014	Song HUANG	L.S.
Date	, 2014	Gary Mitchell KARP	L.S.
Date	, 2014	Chang-Sun LEE	L.S.

Date _	, 2014	Chunshi LI	L.S.
Date _	, 2014	Jana NARASIMHAN	L.S.
Date _	, 2014	Nikolai NARYSHKIN	L.S.
Date e	December 29, 2014	Sergey PAUSHKIN	L.S.
Date _	, 2014	Hongyan QI	L.S.
Date _	, 2014	Anthony A. TURPOFF	L.S.
Date _	, 2014	Marla L. WEETALL	L.S.
Date _	, 2014	Ellen WELCH	L.S.
Date _	, 2014	Tianle YANG	L.S.
Date _	, 2014	Nanjing ZHANG	L.S.
Date _	, 2014	Xiaoyan ZHANG	L.S.
Date _	, 2014	Xin ZHAO .	L.S.

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COUNTY OF Middlesex	) §			
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WITNESS pay hand and offi	icial scal		PAUI	LMARTIN
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COUNTY OF	) SS.: ) STATE OF New Jersey	) §		
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acknowledged to me that I	he/she/they executed the sar	evidence to be the person(s) me in his/her/their authorize ich the person(s) acted, execut	d capacity(ies), and that by	d to the within instrument and his/her/their signature(s) on the
WITNESS my hand and offi	icial seal			
Signature		(Seal)		
		Page 6 of 8		

STATE OF New Jersey ) §
COUNTY OF Middlesex ) §
On before me,, Notary Public, personally appeared Anthony TURPOFF, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrum and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal
Signature(Seal)
STATE OF New Jersey ) §
Onbefore me,, Notary Public, personally appeared Marla WEETALL, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrum and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and official seal
Signature(Seal)
STATE OF New Jersey ) §
Signature(Seal)
STATE OF New Jersey ) §
WITNESS my hand and official seal
Signature(Seal)

Page 7 of 8

STATE OF New Jersey	) §		
COUNTY OF Middlesex	) § ) §		
On	hefore me		Notary Public personally appeared Naniing ZHANG
acknowledged to me that	on the basis of satisfactory ev he/she/they executed the same or the entity upon behalf of which	e in his/her/their autho	, Notary Public, personally appeared Nanjing ZHANG on(s) whose name(s) is subscribed to the within instrument and orized capacity(ies), and that by his/her/their signature(s) on the secuted the instrument.
WITNESS my hand and of	fficial seal		
Signature		(Seal)	
STATE OF New Jersey COUNTY OF Middlesex	) § ) 8		
COUNTY OF Middlesex	) §		
acknowledged to me that	before me, on the basis of satisfactory ev he/she/they executed the same or the entity upon behalf of which	e in his/her/their autho	Notary Public, personally appeared Xiaoyan ZHANG on(s) whose name(s) is subscribed to the within instrument and orized capacity(ies), and that by his/her/their signature(s) on the secuted the instrument.
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Signature		(Seal)	
acknowledged to me that	) § ) § before me, on the basis of satisfactory ev	e in his/her/their autho	, Notary Public, personally appeared Xin ZHAO on(s) whose name(s) is subscribed to the within instrument and orized capacity(ies), and that by his/her/their signature(s) on the executed the instrument.
WITNESS my hand and of	fficial seal		
Signature		(Seal)	
ACCEPTED AND AGRE	ED TO BY ASSIGNEE, PTC T	HERAPEUTICS, INC	Date: 1/30/2015
Printed name	Mark E. Boulding  Executive Vice President Chief Legal Officer		

WHEREAS, WE, Matthew G. WOLL, citizen of the United States of America, having a mailing address of 413 Mountainview Terrace, Dunellen, New Jersey, 08812, the United States of America residing at Dunellen, New Jersey, the United States of America; Guangming CHEN, citizen of the United States of America, having a mailing address of 932 Sunset Ridge, Bridgewater, New Jersey, 08807, the United States of America residing at Bridgewater, New Jersey, the United States of America; Soongyu CHOI, citizen of the United States of America, having a mailing address of 18 Truman Avenue, Princeton, New Jersey, 08540, the United States of America residing at Belle Mead, New Jersey, the United States of America; Amal DAKKA, citizen of the United States of America, having a mailing address of 3 Gleim Rd, Whitehouse Station, New Jersey, 08889, the United States of America residing at Whitehouse Station, New Jersey, the United States of America; Song HUANG, citizen of the United States of America, having a mailing address of 15682 Anchorage Drive, San Leandro, California, 94579, the United States of America residing at San Leandro, California, the United States of America; Gary Mitchell KARP, citizen of the United States of America, having a mailing address of 37 Cartwright Drive, Princeton Junction, New Jersey, 08550, the United States of America residing at Princeton Junction, New Jersey, the United States of America; Chang-Sun LEE, citizen of the United States of America, having a mailing address of 118 Ketcham Rd., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Chunshi LI, citizen of the United States of America, having a mailing address of 10 Albemarle Rd, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Jana NARASIMHAN, citizen of the United States of America, having a mailing address of 2257 New York Ave., Scotch Plains, New Jersey, 07076, the United States of America residing at Scotch Plains, New Jersey, the United States of America; Nikolai NARYSHKIN, citizen of the United States of America, having a mailing address of 101 Windsong Circle, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Sergey PAUSHKIN, citizen of the United States of America, having a mailing address of 51 Scenic Hills Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Hongyan QI, citizen of the United States of America, having a mailing address of 30 Birch Drive, Plainsboro, New Jersey, 08536, the United States of America residing at Plainsboro, New Jersey, the United States of America; Anthony A. TURPOFF, citizen of the United States of America, having a mailing address of 94 Meadowbrook Dr., Hillsborough, New Jersey, 08844, the United States of America residing at Hillsborough, New Jersey, the United States of America; Marla L. WEETALL, citizen of the United States of America, having a mailing address of 70 Burnham Parkway, Morristown, New Jersey, 07960, the United States of America residing at Morristown, New Jersey, the United States of America; Ellen WELCH, citizen of the United States of America, having a mailing address of 33 Hollow Brook Rd, Califon, New Jersey, 07830, the United States of America residing at Califon, New Jersey, the United States of America; Tianle YANG, citizen of the United States of America, having a mailing address of 1573 Coles Ave., Mountainside, New Jersey, 07092, the United States of America residing at Mountainside, New Jersey, the United States of America; Nanjing ZHANG, citizen of the United States of America, having a mailing address of 4 Pickering Cir, Princeton, New Jersey, 08540, the United States of America residing at Princeton, New Jersey, the United States of America; Xiaoyan ZHANG, citizen of the United States of America, having a mailing address of 7 Livingston Dr., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; and Xin ZHAO, citizen of the United States of America, having a mailing address of 222 Tomahawk Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America, ASSIGNORS, are co-inventors with Emmanuel PINARD and Hasane RATNI of the invention in COMPOUNDS FOR TREATING SPINAL MUSCULAR ATROPHY, for which an application for a patent of the United States has been filed,

⊠which is identified by Jones Day docket no. 10589-160-999	
⊠which was filed on June 27, 2014, Application No. 14/369,294	
☐ We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number, f	filed
As above-named inventors, each of us hereby declares that:	
This declaration is directed to:	
☐ The attached application,	
OR	
☑ United States Application Number 14/369,294 filed on June 27, 2014.	
The above-identified application was made or authorized to be made by me.	
I believe I am an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprison of not more than five (5) years, or both.	nen

Authorization to Permit Access to Application by Participating Office

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35

Page 1 of 8

USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, PTC THERAPEUTICS, INC., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 100 Corporate Court, Middlesex Business Center, South Plainfield, New Jersey, 07080, the United States of America, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for 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, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	Dec. 30	, 2014	Matthew G. WOLL	_ L.S
Date .	Der. 23	, 2014	Guangming CHEN	_ L.S
Date .		, 2014	Soongyu CHOI	_ L.S
Date <sub>.</sub>	Jan. 7th	2015 ,2014	Amal DAKKA	_ L.S
Date .		, 2014	Song HUANG	_ L.S
Date _	Dec. 23,	, 2014	Day Mitchell Karp  Gary Mitchell KARP  12/24  12/24	_ L.S
Date .	P/24	, 2014	Chang-Sun LEE	- E.S

Page 2 of 8

Date		, 2014		_ L.S.
Date	Doc 23rd	, 2014	Jana NARASIMHAN  Zava Narasimhan	_ L.S.
Date	23 DEC	, 2014	Nikolai NARYSHKIN	_ L.S.
Date		, 2014	Sergey PAUSHKIN	L.S.
Date		, 2014	Hongyan QI	L.S.
Date	12/24/14	, 2014		L.S.
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Date	12/23/14	, 2014	Ellen WELCH	L.S.
Date	***	, 2014	Tianle YANG	_ L.S.
Date	12/23	, 2014	Nanjing ZHANG	L.S.
Date	1/6/15	, 2015 XYL	Xiaoyan ZHANG	L.S.
Date	1/7/15	, 201∮ √. Ž	Xin ZHAO	L.S.

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WITNESS my hand and offi	icial seal		PAUL MARTIN	
Signature Fauel	Vembin	(Seal)	ID # 2227247 NOTARY PUBLIC	
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acknowledged to me that I	n the basis of satisfactory evider	nce to be the person his/her/their authori	, Notary Public, personally applics, whose name(s) is subscribed to zed capacity(ies), and that by his/hebuted the instrument.	the within instrument and
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		Public personally ar	ppeared Amal DAKKA, personally kr	nown to me on the basis of
satisfactory evidence to be the same in his/her/their authoris	the person(s) whose name(s) is sub- ized capacity(ies), and that by his/h	scribed to the within	nstrument and acknowledged to me the instrument the person(s), or the	at he/she/they executed the
the person(s) acted, executed	//		PAUL MARTIN	
WITNESS my hand and offi	icial soal		ID # 2227247 NOTARY PUBLIC	
Signature Kuul	Mentin	(Seal)	STATE OF NEW JERSEY My Commission Expires August 4	, 2019
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STATE OF New Jersey

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COUNTY OF Middlesex	) § ) §	
On	before me,	, Notary Public, personally appeared Song HUANG
who proved to me on the acknowledged to me that h	basis of satisfactory evidence to be the	person(s) whose name(s) is/are subscribed to the within instrument and their authorized capacity(ies), and that by his/her/their signature(s) on the
WITNESS my hand and off	ficial seal.	
Signature		_(Seal)
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ACCEPTED AND AGREED TO BY ASSIGNEE, PTC THERAPEUT  Signature  Printed name  Mark E. Boulding  Executive Vice President Chief Legal Officer	ICS, INC.:  Date: 1/30/2015

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ATI-2608479v1

STATE OF New Jersey

## DECLARATION AND ASSIGNMENT

WHEREAS, WE, Matthew G. WOLL, citizen of the United States of America, having a mailing address of 413 Mountainview Terrace, Dunellen, New Jersey, 08812, the United States of America residing at Dunellen, New Jersey, the United States of America; Guangming CHEN, citizen of the United States of America, having a mailing address of 932 Sunset Ridge, Bridgewater, New Jersey, 08807, the United States of America residing at Bridgewater, New Jersey, the United States of America; Soongyu CHOI, citizen of the United States of America, having a mailing address of 18 Truman Avenue, Princeton, New Jersey, 08540, the United States of America residing at Belle Mead, New Jersey, the United States of America; Amal DAKKA, citizen of the United States of America, having a mailing address of 3 Gleim Rd, Whitehouse Station, New Jersey, 08889, the United States of America residing at Whitehouse Station, New Jersey, the United States of America; Song HUANG, citizen of the United States of America, having a mailing address of 15682 Anchorage Drive, San Leandro, California, 94579, the United States of America residing at San Leandro, California, the United States of America; Gary Mitchell KARP, citizen of the United States of America, having a mailing address of 37 Cartwright Drive, Princeton Junction, New Jersey, 08550, the United States of America residing at Princeton Junction, New Jersey, the United States of America; Chang-Sun LEE, citizen of the United States of America, having a mailing address of 118 Ketcham Rd., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America: Chunshi LI, citizen of the United States of America, having a mailing address of 10 Albemarle Rd, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Jana NARASIMHAN, citizen of the United States of America, having a mailing address of 2257 New York Ave., Scotch Plains, New Jersey, 07076, the United States of America residing at Scotch Plains, New Jersey, the United States of America; Nikolai NARYSHKIN, citizen of the United States of America, having a mailing address of 101 Windsong Circle, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Sergey PAUSHKIN, citizen of the United States of America, having a mailing address of 51 Scenic Hills Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Hongyan QI, citizen of the United States of America, having a mailing address of 30 Birch Drive, Plainsboro, New Jersey, 08536, the United States of America residing at Plainsboro, New Jersey, the United States of America; Anthony A. TURPOFF, citizen of the United States of America, having a mailing address of 94 Meadowbrook Dr., Hillsborough, New Jersey, 08844, the United States of America residing at Hillsborough, New Jersey, the United States of America; Marla L. WEETALL, citizen of the United States of America, having a mailing address of 70 Burnham Parkway, Morristown, New Jersey, 07960, the United States of America residing at Morristown, New Jersey, the United States of America; Ellen WELCH, citizen of the United States of America, having a mailing address of 33 Hollow Brook Rd, Califon, New Jersey, 07830, the United States of America residing at Califon, New Jersey, the United States of America; Tianle YANG, citizen of the United States of America, having a mailing address of 1573 Coles Ave., Mountainside, New Jersey, 07092, the United States of America; Nanjing ZHANG, citizen of the United States of America, having a mailing address of 4 Pickering Cir, Princeton, New Jersey, 08540, the United States of America residing at Princeton. New Jersey, the United States of America; Xiaoyan ZHANG, citizen of the United States of America, having a mailing address of 7 Livingston Dr., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; and Xin ZHAO, citizen of the United States of America, having a mailing address of 222 Tomahawk Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America, ASSIGNORS, are co-inventors with Emmanuel PINARD and Hasane RATNI of the invention in COMPOUNDS FOR TREATING SPINAL MUSCULAR ATROPHY, for which an application for a patent of the United States has been filed,

⊠which is identified by Jones Day docket no. 10589-160-999	
⊠which was filed on June 27, 2014, Application No. 14/369,294	
☐ We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number, file) the filing date and application number of said application when known.	ed
As above-named inventors, each of us hereby declares that:	
This declaration is directed to:	
☐ The attached application,	
OR	
☑ United States Application Number 14/369,294 filed on June 27, 2014.	
The above-identified application was made or authorized to be made by me.	
I believe I am an original joint inventor of a claimed invention in the application.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment	nt

Authorization to Permit Access to Application by Participating Office

of not more than five (5) years, or both.

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35

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USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, **PTC THERAPEUTICS, INC.**, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 100 Corporate Court, Middlesex Business Center, South Plainfield, New Jersey, 07080, the United States of America, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for 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, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	, 2014	Matthew G. WOLL	L.S.
Date	, 2014	Guangming CHEN	L.S.
Date	, 2014	Soongyu CHOI	L.S.
Date	, 2014	Amal DAKKA	L.S.
Date Dec. 31	, 2014	Song HUANG	L.S.
Date	, 2014	Gary Mitchell KARP	L.S.
Date	, 2014	Chang-Sun LEE	L.S.

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Date	, 2014	Chunshi LI	L.S.
Date	, 2014	Jana NARASIMHAN	L.S.
Date	, 2014	Nikolai NARYSHKIN	L.S.
Date	, 2014	Sergey PAUSHKIN	L.S.
Date	, 2014	Hongyan QI	L.S.
Date	, 2014	Anthony A. TURPOFF	L.S.
Date	, 2014	Maria L. WEETALL	L.S.
Date	, 2014	Ellen WELCH	L.S.
Date	, 2014	Tianle YANG	L.S.
Date	, 2014	Nanjing ZHANG	L.S.
Date	, 2014	Xiaoyan ZHANG	L.S.
Date	, 2014	Xin ZHAO	L.S.

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On before me,, Notary Public, personally appeared Matthew G. WOL personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument a acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on t instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
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of the entity upon behalf of which the person(s) acted, executed the instrument.	
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Signature Quick (Seal)	PAUL MARTIN  ID # 2227247  NOTARY PUBLIC  STATE OF NEW JERSEY
	My Commission Expires August 4, 2019
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instrument the person(s), or the entity upon behalf of which the person(s) acted,	executed the instrument.
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On before me,, Notary Public, personally appeared <b>Tianle YANG</b> personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
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ACCEPTED AND AGRE	ED TO BY ASSIGNEE, PTC TI	HERAPEUTICS, INC.	.:	
Signature	<u> </u>		Date: 1/30/2015	
Printed name Title	Mark E. Boulding Executive Vice President Chief Legal Officer			
1111	<u> </u>			

## **DECLARATION AND ASSIGNMENT**

WHEREAS, WE, Matthew G. WOLL, citizen of the United States of America, having a mailing address of 413 Mountainview Terrace, Dunellen, New Jersey, 08812, the United States of America residing at Dunellen, New Jersey, the United States of America; Guangming CHEN, citizen of the United States of America, having a mailing address of 932 Sunset Ridge, Bridgewater, New Jersey, 08807, the United States of America residing at Bridgewater, New Jersey, the United States of America; Soongyu CHOI, citizen of the United States of America, having a mailing address of 18 Truman Avenue, Princeton, New Jersey, 08540, the United States of America residing at Belle Mead, New Jersey, the United States of America; Amal DAKKA, citizen of the United States of America, having a mailing address of 3 Gleim Rd, Whitehouse Station, New Jersey, 08889, the United States of America residing at Whitehouse Station, New Jersey, the United States of America; Song HUANG, citizen of the United States of America, having a mailing address of 15682 Anchorage Drive, San Leandro, California, 94579, the United States of America residing at San Leandro, California, the United States of America; Gary Mitchell KARP, citizen of the United States of America, having a mailing address of 37 Cartwright Drive, Princeton Junction, New Jersey, 08550, the United States of America residing at Princeton Junction, New Jersey, the United States of America; Chang-Sun LEE, citizen of the United States of America, having a mailing address of 118 Ketcham Rd., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Chunshi LI, citizen of the United States of America, having a mailing address of 10 Albemarle Rd, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Jana NARASIMHAN, citizen of the United States of America, having a mailing address of 2257 New York Ave., Scotch Plains, New Jersey, 07076, the United States of America residing at Scotch Plains, New Jersey, the United States of America; Nikolai NARYSHKIN, citizen of the United States of America, having a mailing address of 101 Windsong Circle, East Brunswick, New Jersey, 08816, the United States of America residing at East Brunswick, New Jersey, the United States of America; Sergey PAUSHKIN, citizen of the United States of America, having a mailing address of 51 Scenic Hills Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; Hongyan QI, citizen of the United States of America, having a mailing address of 30 Birch Drive, Plainsboro, New Jersey, 08536, the United States of America residing at Plainsboro, New Jersey, the United States of America; Anthony A. TURPOFF, citizen of the United States of America, having a mailing address of 94 Meadowbrook Dr., Hillsborough, New Jersey, 08844, the United States of America residing at Hillsborough, New Jersey, the United States of America; Marla L. WEETALL, citizen of the United States of America, having a mailing address of 70 Burnham Parkway, Morristown, New Jersey, 07960, the United States of America residing at Morristown, New Jersey, the United States of America; Ellen WELCH, citizen of the United States of America, having a mailing address of 33 Hollow Brook Rd, Califon, New Jersey, 07830, the United States of America residing at Califon, New Jersey, the United States of America; Tianle YANG, citizen of the United States of America, having a mailing address of 1573 Coles Ave., Mountainside, New Jersey, 07092, the United States of America residing at Mountainside, New Jersey, the United States of America; Nanjing ZHANG, citizen of the United States of America, having a mailing address of 4 Pickering Cir, Princeton, New Jersey, 08540, the United States of America residing at Princeton, New Jersey, the United States of America; Xiaoyan ZHANG, citizen of the United States of America, having a mailing address of 7 Livingston Dr., Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America; and Xin ZHAO, citizen of the United States of America, having a mailing address of 222 Tomahawk Court, Belle Mead, New Jersey, 08502, the United States of America residing at Belle Mead, New Jersey, the United States of America, ASSIGNORS, are co-inventors with Emmanuel PINARD and Hasane RATNI of the invention in COMPOUNDS FOR TREATING SPINAL MUSCULAR ATROPHY, for which an application for a patent of the United States has been filed,

⊠which is identified by Jones Day docket no. 10589-160-999
⊠which was filed on June 27, 2014, Application No. 14/369,294
□We hereby authorize and request attorney(s) at Jones Day, to insert here in parentheses (Application number
As above-named inventors, each of us hereby declares that:
This declaration is directed to:
☐ The attached application,
OR
☑ United States Application Number 14/369,294 filed on June 27, 2014.
The above-identified application was made or authorized to be made by me.
I believe I am an original joint inventor of a claimed invention in the application.

Authorization to Permit Access to Application by Participating Office

of not more than five (5) years, or both.

☑ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified patent applications priority under 35

Page 1 of 8 REEL: 035049 FRAME: 0269

USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

and WHEREAS, PTC THERAPEUTICS, INC., a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 100 Corporate Court, Middlesex Business Center, South Plainfield, New Jersey, 07080, the United States of America, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for 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, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and all right to sue for infringement including past infringement;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree 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 the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date	, 2014	Matthew G. WOLL	L.S.
Date	, 2014	Guangming CHEN	L.S.
Date Dec. >	6,2014	Soongyu CHOI	L.S.
Date	, 2014	Amal DAKKA	L.S.
Date	, 2014	Song HUANG	L.S.
Date	, 2014	Gary Mitchell KARP	L.S.
Date	, 2014	Chang-Sun LEE	L.S.

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Date	, 2014	Chunshi LI	L.S.
Date	, 2014	Jana NARASIMHAN	L.S.
Date	, 2014	Nikolai NARYSHKIN	L.S.
Date	, 2014	Sergey PAUSHKIN	L.S.
Date	, 2014	Hongyan QI	L.S.
Date	, 2014	Anthony A. TURPOFF	L.S.
Date	, 2014	Marla L. WEETALL	L.S.
Date	, 2014	Ellen WELCH	L.S.
Date	, 2014	Tianle YANG	L.S.
Date	, 2014	Nanjing ZHANG	L.S.
Date	, 2014	Xiaoyan ZHANG	L.S.
Date	, 2014	Xin ZHAO	L.S.

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United States Application Numb	er 14/369,294; Jones Day Docket No. 10589-	160-999
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D TO BY ASSIGNEE, PTC THERAPEUTICS, INC.:  Date: 1/30/20/5  Mark E. Boulding

Page 8 of 8

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