

Attorney's Docket No.: 1368-91 PCT

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☐ U.S. Application;
☐ U.S. Provisional Application;
☐ U.S. Patent; or
By: ☒ PCT Application
☒ Inventors or ☐ Present Owners

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

<u>Nadiya Sydorenko</u>	<u>Md Raful Alam</u>	<u>Michael A. Arnold</u>
Name	Name	Name

<u>37 Sycamore Place</u>	<u>300 N. Randolphville Road #124</u>	<u>17 Mulberry Lane</u>
Address	Address	Address

<u>Princeton, NJ 08540</u>	<u>Piscataway, NJ 08854</u>	<u>Flemington, NJ 08822</u>
----------------------------	-----------------------------	-----------------------------

<u>Suresh Babu</u>	<u>Anuradha Bhattacharyya</u>	<u>Guangming Chen</u>
Name	Name	Name

<u>225 Concord Place</u>	<u>115 Inverness Drive</u>	<u>932 Sunset Ridge</u>
Address	Address	Address

<u>Pennington, NJ 08534</u>	<u>Edison, NJ 08820</u>	<u>Bridgewater, NJ 08807</u>
-----------------------------	-------------------------	------------------------------

<u>Aleksey I. Gerasyuto</u>	<u>Gary Mitchell Karp</u>	<u>Andrew J. Kassick</u>
Name	Name	Name

<u>20 Skyline Drive</u>	<u>37 Cartwright Drive</u>	<u>268 Clematis Drive</u>
Address	Address	Address

<u>Flemington, NJ 08822</u>	<u>Princeton Junction, NJ 08550</u>	<u>Wexford, PA 15090</u>
-----------------------------	-------------------------------------	--------------------------

Anthony R. Mazzotti
Name

Young-Choon Moon
Name

Jana Narasimhan
Name

1420 Campbell Street
Address

11 Edgewood Drive
Address

2257 New York Avenue
Address

Rahway, NJ 07065

Belle Mead, NJ 08502

Scotch Plains, NJ 07076

Jigar Patel
Name

Anthony Turpoff
Name

Matthew G. Woll
Name

14 Mercer Street
Address

94 Meadowbrook Drive
Address

413 Mountainview Terrace
Address

Edison, NJ 08820

Hillsborough, NJ 08844

Dunellen, NJ 08812

Wuming Yan
Name

Nanjing Zhang
Name

16 Morning Watch Road
Address

4 Pickering Circle
Address

Wayne, NJ 07470

Princeton, NJ 08540

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on _____

Reel _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

PTC THERAPEUTICS, INC.
(Type or print name of ASSIGNEE)

100 Corporate Court
Address

South Plainfield, NJ 07080

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____%) interest

for the United States and its territorial possessions

- ☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:
**HETEROCYCLIC AND HETEROARYL COMPOUNDS FOR TREATING
HUNTINGTON'S DISEASE**

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-identified invention.
☐ U.S. provisional application Serial No. _____ filed on _____
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
(d) ☐ U.S. application Serial No. _____ filed on _____
(e) ☒ International application No. PCT/US19/38889 filed on **June 25, 2019**
(f) ☐ U.S. Patent No. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

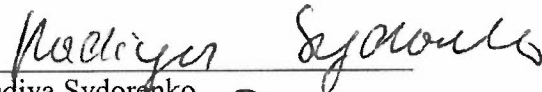
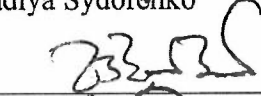
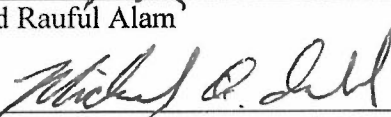
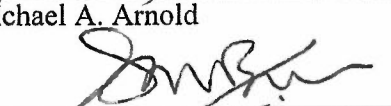
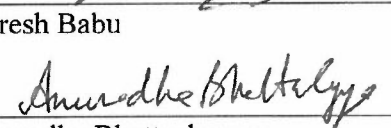
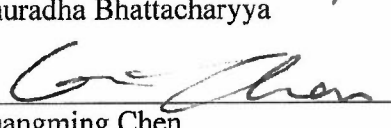
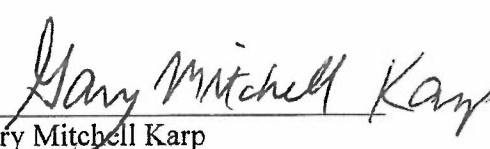
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits

required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Date: <u>X 9/18/2019</u> Date of signing	<u>X </u> Nadiya Sydorenko
Date: <u>X 9/4/2019</u> Date of signing	<u>X </u> Md Rauful Alam
Date: <u>X 9/4/2019</u> Date of signing	<u>X </u> Michael A. Arnold
Date: <u>X 9/04/2019</u> Date of signing	<u>X </u> Suresh Babu
Date: <u>X 9/26/2019</u> Date of signing	<u>X </u> Anuradha Bhattacharyya
Date: <u>X 9/17/2019</u> Date of signing	<u>X </u> Guangming Chen
Date: <u>X</u> Date of signing	<u>X</u> Aleksey I. Gerasyuto
Date: <u>X 9/4/2019</u> Date of signing	<u>X </u> Gary Mitchell Karp
Date: <u>X</u> Date of signing	<u>X</u> Andrew J. Kassick
Date: <u>X 9/16/2019</u> Date of signing	<u>X </u> Anthony R. Mazzotti

Date: X 9/20/2019
Date of signing

X [Signature]
Young-Choon Moon

Date: X 9/16/2019
Date of signing

X Jana Narasimhan
Jana Narasimhan

Date: X 9/4/2019
Date of signing

X [Signature]
Jigar Patel

Date: X 8/5/2018
Date of signing

X [Signature]
Anthony Turpoff

Date: X 9/4/2019
Date of signing

X [Signature]
Matthew G. Woll

Date: X _____
Date of signing

X _____
Wuming Yan

Date: X 09/04/2019
Date of signing

X [Signature]
Nanjing Zhang

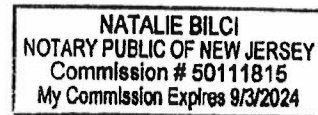
NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☒ Notarization or Legalization Page Added.

STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 16th day of September, 2019, before me personally appeared Nadiya Sydorenko to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

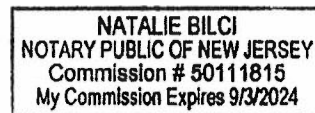
Natalie Bilci
Notary Public



STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 4th day of September, 2019, before me personally appeared Md Raful Alam to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

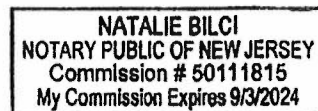
Natalie Bilci
Notary Public



STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 4th day of September, 2019, before me personally appeared Michael A. Arnold to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci
Notary Public

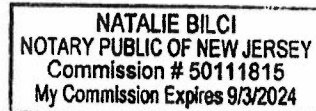


STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 4th day of September, 2019, before me personally appeared Suresh Babu to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public

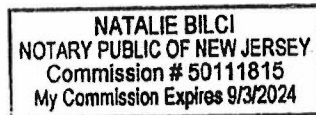


STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 26th day of September, 2019, before me personally appeared Anuradha Bhattacharyya to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public

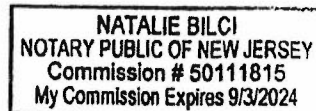


STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 17th day of September, 2019, before me personally appeared Guangming Chen to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public



STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Aleksey I. Gerasyuto to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

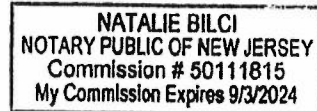
Notary Public

STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 4th day of September, 2019, before me personally appeared Gary Mitchell Karp to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public



STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Andrew J. Kassick to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 16th day of September, 2019, before me personally appeared Anthony R. Mazzotti to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public

STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

NATALIE BILCI
NOTARY PUBLIC OF NEW JERSEY
Commission # 50111815
My Commission Expires 9/3/2024

On this 20th day of September, 2019, before me personally appeared Young-Choon Moon to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public

STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

NATALIE BILCI
NOTARY PUBLIC OF NEW JERSEY
Commission # 50111815
My Commission Expires 9/3/2024

On this 16th day of September, 2019, before me personally appeared Jana Narasimhan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public

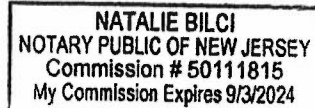
NATALIE BILCI
NOTARY PUBLIC OF NEW JERSEY
Commission # 50111815
My Commission Expires 9/3/2024

STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 4th day of September, 2019, before me personally appeared Jigar Patel to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public



STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 5th day of September, 2019, before me personally appeared Anthony Turpoff to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public



STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 4th day of September, 2019, before me personally appeared Matthew G. Woll to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public



STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Wuming Yan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF NEW JERSEY
SS
COUNTY OF MIDDLESEX

On this 4th day of September, 2019, before me personally appeared Nanjing Zhang to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Natalie Bilci

Notary Public

NATALIE BILCI NOTARY PUBLIC OF NEW JERSEY Commission # 50111815 My Commission Expires 9/3/2024

Attorney's Docket No.: 1368-91 PCT

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☐ U.S. Application;
☐ U.S. Provisional Application;
☐ U.S. Patent; or
☒ PCT Application
By: ☒ Inventors or ☐ Present Owners

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

<u>Nadiya Sydorenko</u> Name	<u>Md Raful Alam</u> Name	<u>Michael A. Arnold</u> Name
<u>37 Sycamore Place</u> Address	<u>300 N. Randolphville Road #124</u> Address	<u>17 Mulberry Lane</u> Address
<u>Princeton, NJ 08540</u>	<u>Piscataway, NJ 08854</u>	<u>Flemington, NJ 08822</u>
<u>Suresh Babu</u> Name	<u>Anuradha Bhattacharyya</u> Name	<u>Guangming Chen</u> Name
<u>225 Concord Place</u> Address	<u>115 Inverness Drive</u> Address	<u>932 Sunset Ridge</u> Address
<u>Pennington, NJ 08534</u>	<u>Edison, NJ 08820</u>	<u>Bridgewater, NJ 08807</u>
<u>Aleksey I. Gerasyuto</u> Name	<u>Gary Mitchell Karp</u> Name	<u>Andrew J. Kassick</u> Name
<u>20 Skyline Drive</u> Address	<u>37 Cartwright Drive</u> Address	<u>268 Clematis Drive</u> Address
<u>Flemington, NJ 08822</u>	<u>Princeton Junction, NJ 08550</u>	<u>Wexford, PA 15090</u>

<u>Anthony R. Mazzotti</u> Name	<u>Young-Choon Moon</u> Name	<u>Jana Narasimhan</u> Name
<u>1420 Campbell Street</u> Address	<u>11 Edgewood Drive</u> Address	<u>2257 New York Avenue</u> Address
<u>Rahway, NJ 07065</u>	<u>Belle Mead, NJ 08502</u>	<u>Scotch Plains, NJ 07076</u>
<u>Jigar Patel</u> Name	<u>Anthony Turpoff</u> Name	<u>Matthew G. Woll</u> Name
<u>14 Mercer Street</u> Address	<u>94 Meadowbrook Drive</u> Address	<u>413 Mountainview Terrace</u> Address
<u>Edison, NJ 08820</u>	<u>Hillsborough, NJ 08844</u>	<u>Dunellen, NJ 08812</u>

<u>Wuming Yan</u> Name	<u>Nanjing Zhang</u> Name
<u>16 Morning Watch Road</u> Address	<u>4 Pickering Circle</u> Address
<u>Wayne, NJ 07470</u>	<u>Princeton, NJ 08540</u>

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on _____ Reel _____
 Frame _____
 hereby sells, assigns and transfers to

ASSIGNEE:

PTC THERAPEUTICS, INC.
 (Type or print name of ASSIGNEE)

100 Corporate Court
 Address

South Plainfield, NJ 07080

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (____%) interest

for the United States and its territorial possessions

- ☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:
**HETEROCYCLIC AND HETEROARYL COMPOUNDS FOR TREATING
HUNTINGTON'S DISEASE**

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-identified invention.
☐ U.S. provisional application Serial No. _____ filed on _____
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
(d) ☐ U.S. application Serial No. _____ filed on _____
(e) ☒ International application No. PCT/US19/38889 filed on June 25, 2019
(f) ☐ U.S. Patent No. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

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ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits

required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Date: <u>X</u> Date of signing	<u>X</u> Nadiya Sydorenko
Date: <u>X</u> Date of signing	<u>X</u> Md Rauful Alam
Date: <u>X</u> Date of signing	<u>X</u> Michael A. Arnold
Date: <u>X</u> Date of signing	<u>X</u> Suresh Babu
Date: <u>X</u> Date of signing	<u>X</u> Anuradha Bhattacharyya
Date: <u>X</u> Date of signing	<u>X</u> Guangming Chen
Date: <u>X</u> 2/19/20 Date of signing	<u>X</u> Aleksey I. Gerasyuto
Date: <u>X</u> Date of signing	<u>X</u> Gary Mitchell Karp
Date: <u>X</u> Date of signing	<u>X</u> Andrew J. Kassick
Date: <u>X</u> Date of signing	<u>X</u> Anthony R. Mazzotti

Date: X _____
Date of signing

X _____
Young-Choon Moon

Date: X _____
Date of signing

X _____
Jana Narasimhan

Date: X _____
Date of signing

X _____
Jigar Patel

Date: X _____
Date of signing

X _____
Anthony Turpoff

Date: X _____
Date of signing

X _____
Matthew G. Woll

Date: X _____
Date of signing

X _____
Wuming Yan

Date: X _____
Date of signing

X _____
Nanjing Zhang

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☒ Notarization or Legalization Page Added.

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Nadiya Sydorenko to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Md Rauful Alam to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Michael A. Arnold to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Suresh Babu to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anuradha Bhattacharyya to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Guingming Chen to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

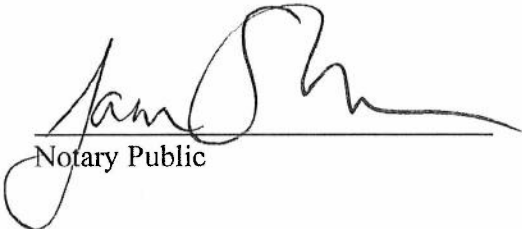
Notary Public

STATE OF NY

COUNTY OF NY SS

On this 19th day of FEBRUARY, 2020, before me personally appeared Aleksey I. Gerasyuto to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

JASON SCHMIDT
Notary Public - State of New York
No. 01SC6369180
Qualified in New York County
My Commission Expires 01/02/2022


Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Gary Mitchell Karp to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Andrew J. Kassick to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anthony R. Mazzotti to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Young-Choon Moon to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Jana Narasimhan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Jigar Patel to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anthony Turpoff to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Matthew G. Woll to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Wuming Yan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Nanning Zhang to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☐ U.S. Application;
☐ U.S. Provisional Application;
☐ U.S. Patent; or
☒ PCT Application
By: ☒ Inventors or ☐ Present Owners

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

<u>Nadiya Sydorenko</u> Name	<u>Md Rauful Alam</u> Name	<u>Michael A. Arnold</u> Name
<u>37 Sycamore Place</u> Address	<u>300 N. Randolphville Road #124</u> Address	<u>17 Mulberry Lane</u> Address
<u>Princeton, NJ 08540</u>	<u>Piscataway, NJ 08854</u>	<u>Flemington, NJ 08822</u>
<u>Suresh Babu</u> Name	<u>Anuradha Bhattacharyya</u> Name	<u>Guangming Chen</u> Name
<u>225 Concord Place</u> Address	<u>115 Inverness Drive</u> Address	<u>932 Sunset Ridge</u> Address
<u>Pennington, NJ 08534</u>	<u>Edison, NJ 08820</u>	<u>Bridgewater, NJ 08807</u>
<u>Aleksey I. Gerasyuto</u> Name	<u>Gary Mitchell Karp</u> Name	<u>Andrew J. Kassick</u> Name
<u>20 Skyline Drive</u> Address	<u>37 Cartwright Drive</u> Address	<u>268 Clematis Drive</u> Address
<u>Flemington, NJ 08822</u>	<u>Princeton Junction, NJ 08550</u>	<u>Wexford, PA 15090</u>

<u>Anthony R. Mazzotti</u> Name	<u>Young-Choon Moon</u> Name	<u>Jana Narasimhan</u> Name
<u>1420 Campbell Street</u> Address	<u>11 Edgewood Drive</u> Address	<u>2257 New York Avenue</u> Address
<u>Rahway, NJ 07065</u>	<u>Belle Mead, NJ 08502</u>	<u>Scotch Plains, NJ 07076</u>
<u>Jigar Patel</u> Name	<u>Anthony Turpoff</u> Name	<u>Matthew G. Woll</u> Name
<u>14 Mercer Street</u> Address	<u>94 Meadowbrook Drive</u> Address	<u>413 Mountainview Terrace</u> Address
<u>Edison, NJ 08820</u>	<u>Hillsborough, NJ 08844</u>	<u>Dunellen, NJ 08812</u>

<u>Wuming Yan</u> Name	<u>Nanjing Zhang</u> Name
<u>16 Morning Watch Road</u> Address	<u>4 Pickering Circle</u> Address
<u>Wayne, NJ 07470</u>	<u>Princeton, NJ 08540</u>

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on _____ Reel _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

PTC THERAPEUTICS, INC.
(Type or print name of ASSIGNEE)

100 Corporate Court
Address

South Plainfield, NJ 07080

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (____%) interest

for the United States and its territorial possessions

- ☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:
**HETEROCYCLIC AND HETEROARYL COMPOUNDS FOR TREATING
HUNTINGTON'S DISEASE**

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-identified invention.
☐ U.S. provisional application Serial No. _____ filed on _____
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
(d) ☐ U.S. application Serial No. _____ filed on _____
(e) ☒ International application No. PCT/US19/38889 filed on June 25, 2019
(f) ☐ U.S. Patent No. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits

required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the **same** as the date of execution of the application if item (a) was checked above.

Date: <u>X</u> Date of signing	<u>X</u> Nadiya Sydorenko
Date: <u>X</u> Date of signing	<u>X</u> Md Raful Alam
Date: <u>X</u> Date of signing	<u>X</u> Michael A. Arnold
Date: <u>X</u> Date of signing	<u>X</u> Suresh Babu
Date: <u>X</u> Date of signing	<u>X</u> Anuradha Bhattacharyya
Date: <u>X</u> Date of signing	<u>X</u> Guangming Chen
Date: <u>X</u> Date of signing	<u>X</u> Aleksy I. Gerasyuto
Date: <u>X</u> Date of signing	<u>X</u> Gary Mitchell Karp
Date: <u>X</u> 03/03/2020 Date of signing	<u>X</u> <i>Andrew J. Kassick</i> Andrew J. Kassick
Date: <u>X</u> Date of signing	<u>X</u> Anthony R. Mazzotti

Date: X
Date of signing

X
Young-Choon Moon

Date: X
Date of signing

X
Jana Narasimhan

Date: X
Date of signing

X
Jigar Patel

Date: X
Date of signing

X
Anthony Turpoff

Date: X
Date of signing

X
Matthew G. Woll

Date: X
Date of signing

X
Wuming Yan

Date: X
Date of signing

X
Nanjing Zhang

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☒ Notarization or Legalization Page Added.

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Nadiya Sydorenko to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Md Raful Alam to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Michael A. Arnold to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Suresh Babu to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anuradha Bhattacharyya to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Guingming Chen to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Aleksey I. Gerasyuto to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

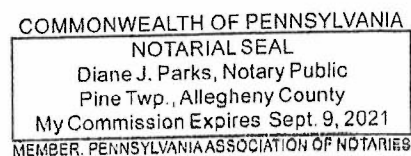
On this day of , , before me personally appeared Gary Mitchell Karp to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF PA
SS
COUNTY OF ALLEGHENY

On this 3rd day of MARCH, 2020, before me personally appeared Andrew J. Kassick to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Diane J. Parks
Notary Public



STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anthony R. Mazzotti to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Young-Choon Moon to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Jana Narasimhan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Jigar Patel to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anthony Turpoff to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Matthew G. Woll to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Wuming Yan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Nanning Zhang to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

Attorney's Docket No.: 1368-91 PCT

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☐ U.S. Application;
☐ U.S. Provisional Application;
☐ U.S. Patent; or
By: ☒ PCT Application
☒ Inventors or ☐ Present Owners

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

<u>Nadiya Sydorenko</u> Name	<u>Md Raful Alam</u> Name	<u>Michael A. Arnold</u> Name
<u>37 Sycamore Place</u> Address	<u>300 N. Randolphville Road #124</u> Address	<u>17 Mulberry Lane</u> Address
<u>Princeton, NJ 08540</u>	<u>Piscataway, NJ 08854</u>	<u>Flemington, NJ 08822</u>
<u>Suresh Babu</u> Name	<u>Anuradha Bhattacharyya</u> Name	<u>Guangming Chen</u> Name
<u>225 Concord Place</u> Address	<u>115 Inverness Drive</u> Address	<u>932 Sunset Ridge</u> Address
<u>Pennington, NJ 08534</u>	<u>Edison, NJ 08820</u>	<u>Bridgewater, NJ 08807</u>
<u>Aleksey I. Gerasyuto</u> Name	<u>Gary Mitchell Karp</u> Name	<u>Andrew J. Kassick</u> Name
<u>20 Skyline Drive</u> Address	<u>37 Cartwright Drive</u> Address	<u>268 Clematis Drive</u> Address
<u>Flemington, NJ 08822</u>	<u>Princeton Junction, NJ 08550</u>	<u>Wexford, PA 15090</u>

<u>Anthony R. Mazzotti</u> Name	<u>Young-Choon Moon</u> Name	<u>Jana Narasimhan</u> Name
<u>1420 Campbell Street</u> Address	<u>11 Edgewood Drive</u> Address	<u>2257 New York Avenue</u> Address
<u>Rahway, NJ 07065</u>	<u>Belle Mead, NJ 08502</u>	<u>Scotch Plains, NJ 07076</u>
<u>Jigar Patel</u> Name	<u>Anthony Turpoff</u> Name	<u>Matthew G. Woll</u> Name
<u>14 Mercer Street</u> Address	<u>94 Meadowbrook Drive</u> Address	<u>413 Mountainview Terrace</u> Address
<u>Edison, NJ 08820</u>	<u>Hillsborough, NJ 08844</u>	<u>Dunellen, NJ 08812</u>

<u>Wuming Yan</u> Name	<u>Nanjing Zhang</u> Name
<u>16 Morning Watch Road</u> Address	<u>4 Pickering Circle</u> Address
<u>Wayne, NJ 07470</u>	<u>Princeton, NJ 08540</u>

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on _____ Reel _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

PTC THERAPEUTICS, INC.
(Type or print name of ASSIGNEE)

100 Corporate Court
Address

South Plainfield, NJ 07080

and the successors, assigns and legal representatives of the ASSIGNEE,

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (____%) interest

for the United States and its territorial possessions

- ☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:
**HETEROCYCLIC AND HETEROARYL COMPOUNDS FOR TREATING
HUNTINGTON'S DISEASE**

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a) ☐ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-identified invention.
☐ U.S. provisional application Serial No. _____ filed on _____
☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
(d) ☐ U.S. application Serial No. _____ filed on _____
(e) ☒ International application No. PCT/US19/38889 filed on **June 25, 2019**
(f) ☐ U.S. Patent No. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits

required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the **same** as the date of execution of the application if item (a) was checked above.

Date: <u>X</u> Date of signing	<u>X</u> Nadiya Sydorenko
Date: <u>X</u> Date of signing	<u>X</u> Md Rauful Alam
Date: <u>X</u> Date of signing	<u>X</u> Michael A. Arnold
Date: <u>X</u> Date of signing	<u>X</u> Suresh Babu
Date: <u>X</u> Date of signing	<u>X</u> Anuradha Bhattacharyya
Date: <u>X</u> Date of signing	<u>X</u> Guangming Chen
Date: <u>X</u> Date of signing	<u>X</u> Aleksy I. Gerasyuto
Date: <u>X</u> Date of signing	<u>X</u> Gary Mitchell Karp
Date: <u>X</u> Date of signing	<u>X</u> Andrew J. Kassick
Date: <u>X</u> Date of signing	<u>X</u> Anthony R. Mazzotti

Date: X
Date of signing

X
Young-Choon Moon

Date: X
Date of signing

X
Jana Narasimhan

Date: X
Date of signing

X
Jigar Patel

Date: X
Date of signing

X
Anthony Turpoff

Date: X
Date of signing

X
Matthew G. Woll

Date: X 02/17/2020
Date of signing

X

Wuming Yan

Date: X
Date of signing

X
Nanjing Zhang

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution 35 USC 261. Use next page if notarization is desired.

☒ Notarization or Legalization Page Added.

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Nadiya Sydorenko to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Md Raful Alam to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Michael A. Arnold to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Suresh Babu to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anuradha Bhattacharyya to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Guingming Chen to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Aleksey I. Gerasyuto to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Gary Mitchell Karp to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Andrew J. Kassick to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anthony R. Mazzotti to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Young-Choon Moon to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Jana Narasimhan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Jigar Patel to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Anthony Turpoff to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF
SS
COUNTY OF

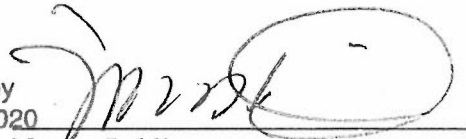
On this day of , , before me personally appeared Matthew G. Woll to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public

STATE OF NJ
SS
COUNTY OF Passaic

On this 17 day of February, 2020, before me personally appeared Wuming Yan to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Casey Choi
Notary Public of New Jersey
Commission Expires 08/02/2020
I.D. No.: 2255863


Notary Public

STATE OF
SS
COUNTY OF

On this day of , , before me personally appeared Nanjing Zhang to me personally known and known to me to be the person who signed the foregoing Assignment and acknowledged the signing of same as his/her free act and deed.

Notary Public