

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6249409

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANGELA MARIE CACACE	08/12/2020
LUIS GUSTAVO ALEJANDRO ROJAS SOTO	08/12/2020
LORIN A. THOMPSON III	08/12/2020
OWEN BRENDAN WALLACE	08/12/2020
LUCIENNE V. RONCO	08/12/2020
NING SHEN	08/12/2020
ALAN SCOTT ROBERTSON	07/22/2020
AARON NAKWON CHANG	08/12/2020
RECEIVING PARTY DATA	
Name:	FULCRUM THERAPEUTICS, INC.
Street Address:	26 LANDSDOWNE STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16748217
CORRESPONDENCE DATA	
Fax Number:	(617)937-2400
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	(617) 937-2363
Email:	fvandermaelen@cooley.com
Correspondent Name:	COOLEY LLP, ATTN: PATENT GROUP
Address Line 1:	1299 PENNSYLVANIA AVENUE, NW
Address Line 2:	SUITE 700
Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	FULC-026/04US 326242-2120
NAME OF SUBMITTER:	TIMOTHY R. MCFADDEN
SIGNATURE:	/TIMOTHY R. MCFADDEN/

PATENT

DATE SIGNED:	08/13/2020
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Total Attachments: 12
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ASSIGNMENT

Angela Marie CACACE, residing at 143 Injun Hollow Road, Haddam Neck, CT 06424; Luis Gustavo Alejandro ROJAS SOTO, residing at 150 Cambridge Street, Apt. 409, Cambridge, MA 02141; Lorin A. THOMPSON, III, residing at 20 Short Street, Cohasset, MA 02025; Owen Brendan WALLACE, residing at 160 Salisbury Road, Brookline, MA 02445; Lucienne V. RONCO, residing at 16 Garden Street, Wellesley, MA 02481; Ning SHEN, residing at 82 Hancock Street, Apt. 1, Cambridge, MA 02139; Alan Scott ROBERTSON, residing at 160 Cambridgepark Drive, Apt. 278, Cambridge, MA 02140; and Aaron Nakwon CHANG, residing at 41 Preston Road, Lexington, MA 02420 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled **P38 KINASE INHIBITORS REDUCE DUX4 AND DOWNSTREAM GENE EXPRESSION FOR THE TREATMENT OF FSHD**, and which is a:

- (1) provisional application
(a) to be filed herewith; or
(b) bearing Application No. , and filed on ;
- (2) non-provisional application
(a) to be filed herewith; or
(b) bearing Application No. 16/748,217, and filed on January 21, 2020;
and/or
- (3) PCT application
(a) bearing Application No. , and filed on .
and/or
- (4) attached hereto.

WHEREAS, Fulcrum Therapeutics, Inc., having its principal place of business at 26 Landsdowne Street, Cambridge, MA 02139, its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the Invention(s);

(b) the application(s) for patent identified above;

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents,

or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: August 12, 2020 By: [Signature]
Angela Marie Cacace

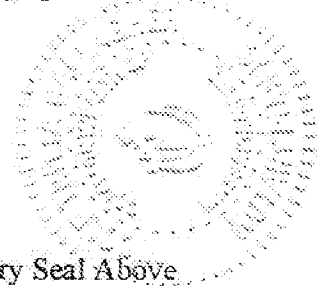
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Massachusetts)
County of Middlesex) ss.

On 8/12/2020, before me, Nicole Tritta Gallagher, Notary Public, personally appeared Angela Marie Cacace, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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. REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.


WITNESS my hand and official seal.


[Signature]
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

COMMONWEALTH OF MASSACHUSETTS
Angela Marie Cacace
personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were license to be the person whose name is signed on the preceding or attached document in my presence on this 12 day of August, 2020.
[Signature]
 **NICOLE TRITTA GALLAGHER, Notary Public**
My Commission Expires November 7, 2025

Date: August 13, 2020

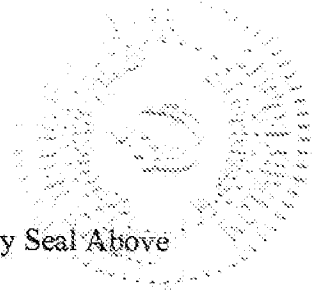
By: [Signature]
Luis Gustavo Alejandro Rojas Soto

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.


State of Massachusetts)
County of Middlesex) ss.


On 8/13/2020, before me, Nicole Tritta Gallagher, Notary Public, personally appeared Luis Gustavo Alejandro Rojas Soto, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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.
REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.
[Signature]
Signature of Notary Public



My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

COMMONWEALTH OF MASSACHUSETTS
Luis Gustavo Alejandro Rojas Soto
personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were his name to be the person whose name is signed on the preceding or attached document in my presence on this 13 day of August, 2020.
[Signature]
 **NICOLE TRITTA GALLAGHER, Notary Public**
My Commission Expires November 7, 2025

Date: Aug 12, 2020

By: Lorin A. Thompson III
Lorin A. Thompson, III

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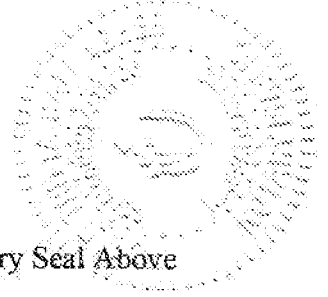
State of Massachusetts)
County of Middlesex) ss.

On 8/12/2020 before me, Nicole Tritta Gallagher Notary Public, personally appeared Lorin A. Thompson, III, who

proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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. REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.


WITNESS my hand and official seal.


Nicole T Gallagher
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

COMMONWEALTH OF MASSACHUSETTS
Lorin Thompson
personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were License to be the person whose name is signed on the preceding or attached document in my presence on this 12 day of August, 2020.
Nicole Tritta Gallagher
 **NICOLE TRITTA GALLAGHER, Notary Public**
My Commission Expires November 7, 2025

Date: AUGUST 12, 2020

By: 
Owen Brendan Wallace

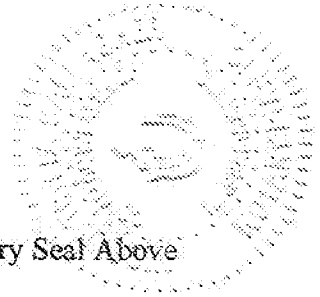
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State of Massachusetts)
County of Middlesex) ss.

On 8/12/2020, before me, Nicole Tritta Gallagher, Notary Public, personally appeared Owen Brendan Wallace, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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.
REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.


WITNESS my hand and official seal.

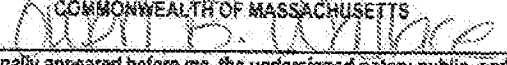
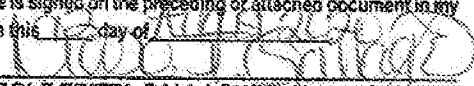


Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

COMMONWEALTH OF MASSACHUSETTS

personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were license to be the person whose name is signed on the preceding or attached document in my presence on this 12 day of August, 2020.

 **NICOLE TRITTA GALLAGHER, Notary Public**
My Commission Expires November 7, 2025

Date: August 12, 2020

By: Lucienne V. Ronco
Lucienne V. Ronco

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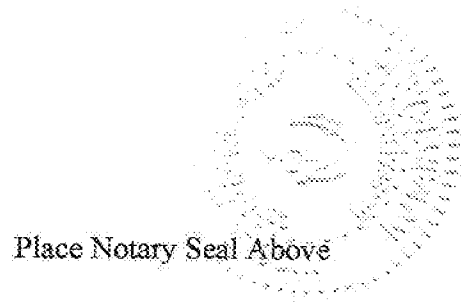
State of Massachusetts)
County of Middlesex) ss.

On 8/12/2020, before me, Nicole Tritta Gallagher, Notary Public, personally appeared Lucienne V. Ronco, who


proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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.
REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.


WITNESS my hand and official seal.

Nicole T Gallagher
Signature of Notary Public



My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

Lucienne V. Ronco
COMMONWEALTH OF MASSACHUSETTS
personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were license to be the person whose name is signed on the preceding or attached document in my presence on this 12 day of August, 2020.
Nicole T Gallagher
 **NICOLE TRITTA GALLAGHER, Notary Public**
My Commission Expires November 7, 2025

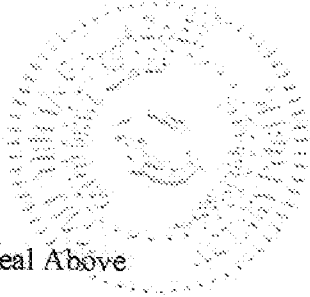
Date: August 12, 2020 By: [Signature]
Ning Shen

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State of Massachusetts)
County of Middlesex) ss.


On 8/12/2020 before me, Nicole Tritta Gallagher, Notary Public, personally appeared Ning Shen, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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. REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.
[Signature]
Signature of Notary Public



My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

COMMONWEALTH OF MASSACHUSETTS
Ning Shen
personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were [Signature] to be the person whose name is signed on the preceding or attached document in my presence on this 12 day of August, 2020.
[Signature]
 **NICOLE TRITTA GALLAGHER, Notary Public**
My Commission Expires November 7, 2025

Date: 7-22-2020

By: [Signature]
Alan Scott Robertson

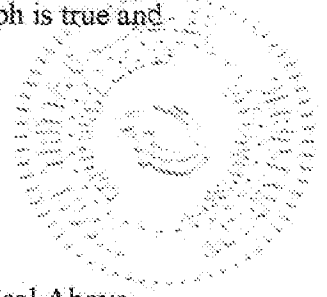
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State of Massachusetts)
County of Middlesex) ss.

On 7/22/2020, before me, Nicole Tritta Gallagher, Notary Public, personally appeared Alan Scott Robertson, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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. REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.


WITNESS my hand and official seal.


[Signature]
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

COMMONWEALTH OF MASSACHUSETTS
Alan Scott Robertson
personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were [Signature] to be the person whose name is signed on the preceding or attached document in my presence on this 22 day of July, 2020.
[Signature]
 **NICOLE TRITTA GALLAGHER, Notary Public**
My Commission Expires November 7, 2025

Date: August 12, 2020

By: Aaron Nakwon Chang
Aaron Nakwon Chang

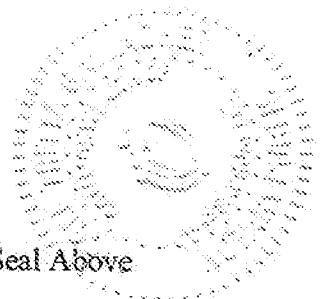
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State of Massachusetts)
County of Middlesex) ss.

On 8/12/2020, before me, Nicole Tritta Gallagher, Notary Public, personally appeared Aaron Nakwon Chang, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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. REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.


WITNESS my hand and official seal.


Nicole Tritta Gallagher
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

Aaron Chang
COMMONWEALTH OF MASSACHUSETTS
personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were none to be the person whose name is signed on the preceding or attached document in my presence on this 12 day of August, 2020.
Nicole Tritta Gallagher
 **NICOLE TRITTA GALLAGHER, Notary Public**
My Commission Expires November 7, 2025

For and on behalf of ASSIGNEE:

Date: August 12, 2020

By: [Signature]
Name: Robert J. Gold
Title: President
Company: Fulcrum Therapeutics, Inc.

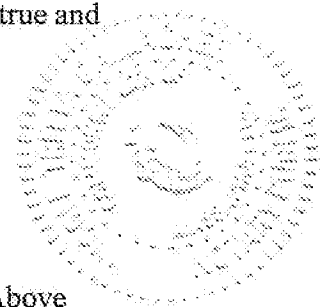
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State of Massachusetts)
County of Middlesex) ss.

On 8/12/2020, before me, Nicole Tritta Gallagher, Notary Public, personally appeared Robert J. Gold, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are 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.

[Signature]
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 11/7/2025

 **NICOLE TRITTA GALLAGHER**
Notary Public
Commonwealth of Massachusetts
My Commission Expires
November 7, 2025

[Signature]
COMMONWEALTH OF MASSACHUSETTS
personally appeared before me, the undersigned notary public, and proved to me his/her identity through satisfactory evidence, which were None to be the person whose name is signed on the preceding or attached document in my presence on this 12 day of August, 2020.
[Signature]
NICOLE TRITTA GALLAGHER, Notary Public
My Commission Expires November 7, 2025