507156366 03/02/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7203210

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES GAREGNANI	11/11/2021
RICHARD HOLL	10/28/2021
NICHOLAS HART	02/14/2022

RECEIVING PARTY DATA

Name:	LUPIN, INC.
Street Address:	111 S. CALVERT STREET
City:	HARBORPLACE TOWER, 21ST FLOOR
State/Country:	MARYLAND
Postal Code:	21201

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16741677

CORRESPONDENCE DATA

Fax Number: (888)229-5253

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: 7605937503

Email: docketing@transformativelegal.com **Correspondent Name:** TRANSFORMATIVE LEGAL, LLC

Address Line 1: P.O. BOX 15007

Address Line 4: SCOTTSDALE, ARIZONA 85267

ATTORNEY DOCKET NUMBER:	LUP19031USUBZ
NAME OF SUBMITTER:	BECKY ANWEILER
SIGNATURE:	/Becky Anweiler/
DATE SIGNED:	03/02/2022

Total Attachments: 19

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AFFIRMATION OF ASSIGNMENT AND CONTINGENT ASSIGNMENT OF PATENT RIGHTS AGREEMENT

THIS AFFIRMATION OF ASSIGNMENT AND CONTINGENT ASSIGNMENT OF PATENT RIGHTS AGREEMENT ("Affirmation and Contingent Assignment"), dated as of January 13, 2020, is made by and between James Garegnani, residing in Hopewell, New Jersey, ("Assignor"), and Lupin, Inc., a corporation with offices located at 111 S. Calvert Street, Harborplace Tower, 218 Floor, Baltimore, Maryland 21201("Assignee");

BACKGROUND

- Assignor is an inventor of the invention(s) described in the patent application entitled DEUTERATED ELAGOLIX-LIKE COMPOSITIONS AND METHODS, filed with The United States Patent and Trademark Office ("USPTO") on January 13, 2020, and assigned US Application No. 16/741,677 (the "Application");
- Assignor has previously assigned the rights in the invention(s), the Application, and any and all continuations, continuations in part, divisionals, substitutions, and renewals of the Application; any and all patents that issue from any of the foregoing; any extensions, reissues, reexaminations or similar rights arising from or related to such issued patents; and any other related patents, patent applications, or similar rights arising in the United States and in any other country(ies) throughout the world which benefit from a claim of priority to the Application or a sequence of priority claims traceable back to the Application, and all invention(s) disclosed or both disclosed and claimed in any of the foregoing (collectively the "Related Applications and Patents") to Assignee by of operation of law, employment agreement(s) between Assignor and Assignee, or both.
- Assignce having previously acquired from Assignor the entire right, title, and interest in and to the invention(s), the Application, and the Related Applications and Patents, desires to confirm such prior assignment and, to the extent any rights in or to the invention, the Application, or the Related Applications and Patents have not already been assigned by Assignor to Assignee to obtain through assignment hereunder any such rights, titles, and

interests in such aspects of the invention(s), the Application, and Related Applications and Patents.

NOW, THEREFORE, for good and sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, Assignor and Assignee agree as follows:

- Definition. "Assigned" as used in this Affirmation and Contingent Assignment means "assigned, transferred, set over, and/or conveyed." The terms "Assign" and "Assigns" herein have corresponding meanings.
- 2. Affirmation of Prior Assignment. Assignor hereby acknowledges that Assignor has previously irrevocably Assigned to Assignee the entire right, title, and interest in and to the invention(s), the Application, and any Related Applications and Patents and to the full and maximum extent permitted by law, throughout the world, including all rights therein or related thereto, including all applicable rights of priority to the Application and Related Application and Patents. Assignor agrees that the assignment of such rights to Assignee occurred at the moment that such invention(s) were invented.
- 3. Contingent Assignment. Assignor agrees that in the event any aspect of the entire right, title, and interest in and to the invention(s), the Application, or any Related Applications and Patents was not assigned previously to Assignee, Assignor hereby Assigns such rights, titles, and interest to the invention(s), the Application, and/or any such aspects of the Related Applications and Patents to Assignee in the United States and all other countries of the world, including all rights therein for the full terms of the Application and the Related Applications and Patents including, but not limited to, any and all past, present, or future royalties, profits, damages, fees, income, payments, and other proceeds now or hereafter due or payable based on infringement of any thereof, and the right to claim priority under applicable law to the Application and the Related Applications and Patents.

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- 4. Representation of Assignor. Assignor hereby represents that (1) Assignor had good title, full right, and lawful authority to Assign the rights, titles, and interests to Assignee and (2) Assignor has not entered into and is not subject to any agreement or obligation to any person or organization, or order of any governmental authority worldwide, that could reasonably result in an encumbrance, lien, or claim on the invention(s), the Application, or any of the Related Applications and Patents.
- 5. Disclosure and Related Submissions. Assignor acknowledges that Assignee may freely disclose this Affirmation and Contingent Assignment to any person or entity and record it with governmental authorities, including patent offices and examining authorities throughout the world, which may publish the name of Assignor and Assignor's mailing address and that Assignee may prepare, execute, submit, and record additional documents evidencing Assignor's assignment of the invention(s), the Application, and any Related Applications and Patents to Assignee with governmental authorities, such as patent offices. Assignor acknowledges that such documents do not constitute a limitation or modification of this Affirmation and Contingent Assignment and in the event of any conflict between such documents and this Affirmation and Contingent Assignment, the terms of this Affirmation and Contingent Assignment will control.
- 6. Acts Necessary for Assignee to Perfect Assignment. Assignor further covenants that when Assignor is called upon by Assignee to communicate any facts known to Assignor relating to the invention(s), the Application, and/or the Related Applications and Patents; execute and deliver any and all lawful papers; make all rightful oaths, affidavits, or declarations; and perform all other lawful acts that may be deemed by Assignee reasonably necessary or desirable to obtain, secure, vest, and benefit from any and all rights herein confirmed or assigned, and perfect the title to such invention(s), the Application, and any Related Applications and Patents, in the name of and for the benefit for Assignee, Assignor will promptly provide such assistance in good faith and at no further cost to Assignee, provided that such actions do not result in any clearly demonstrable, and substantial out-of-pocket costs to Assignor. Assignor acknowledges and agrees the rights granted to Assignee under this Affirmation and Contingent Assignment are of a special and extraordinary character that gives them a special and/or immeasurable value, the loss of which cannot reasonably or adequately

be compensated for in damages in an action at law, and the breach by Assignor of the provisions berein shall cause Assignee irreparable injury and damage and that, accordingly, Assignee will be entitled as a matter of right to injunctive and other equitable relief to prevent the violation of this Affirmation and Contingent Assignment, in addition to any other rights or remedies that Assignee may have to damages or otherwise pursuant to this Affirmation and Contingent Assignment or Applicable Law.

 Miscellaneous. This Affirmation and Contingent Assignment will be construed under the laws of the United States and the State of Maryland, without regard to conflicts of law principles. If any part or parts of this Affirmation and Contingent Assignment shall be held unenforceable for any reason, the remainder of this Affirmation and Contingent Assignment shall continue in full force and effect. If any provision of this Affirmation and Contingent Assignment is deemed invalid or unenforceable by a tribunal of competent jurisdiction, and if limiting such provision would make the provision valid, then such provision shall be deemed to be construed as so limited. This Affirmation and Contingent Assignment inures to the benefit of the Assignee and its successors, assigns, and other legal representatives, and is binding on the Assignor and his respective heirs, legal representatives, and assigns. This Affirmation and Contingent Assignment constitutes the entire agreement between Assignor and Assignee concerning ownership of the invention(s), Application, and Related Applications and Patents and supersedes any prior understanding or representation of any kind preceding the date of this Affirmation and Contingent Assignment. There are no other promises, conditions, understandings or other agreements, whether oral or written, relating to the subject matter of this Affirmation and Contingent Assignment. Headings used in this Affirmation and Contingent Assignment are for convenience only and do not limit the scope of any term or provision. This Affirmation and Contingent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Affirmation and Contingent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Affirmation and Contingent Assignment.

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IN WITNESS WHEREOF, Assignor has duly executed this Affirmation and Contingent Assignment on the date and at the place indicated:

Date:	Place of signing:		Signature:
11/11/2021	Lupin Somerat	<u>W. J.</u>	James Garegnani
State of New Jerrey County of Somerset	····		
THAT Temes Gares ward to the foregoing instrument, appe	personally known to ared before me this	ome to be the s day in person,	te aforesaid, DO HEREBY CERTIFY same person whose name is subscribed and acknowledged that
Given under my hand and notaria Leading Signature of Notary Public (Scal) Paking S Salunke Printed Name of Notary My commission expires on		PRATICION DE LA COMPANIA DE LA COMPA	ASH S. SALUNKE VBLK: OF NEW SINSEY Seldon & 501463888 Seldon Explose 12721/2025

Assignee: Date: Place of signing: Signature: February 10,2022 Boltimore, MD Minekel BRATH Lupin, Inc. Minaksi Bhatt SVP IP
Name and Title I, the undersigned, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY THAT Missasse Charter personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that signed, sealed and delivered the said instrument as his/her/their free and voluntary act, for the uses and purposes therein set forth. Given under my hand and notarial scal, this 6th day of 188., 2022 Signature of Notary Public (Seal) Tuna Marie Fuchs Printed Name of Notary WYRATOM

The undersigned hereby accepts and agrees to the terms of the Affirmation and Contingent Assignment for

AFFIRMATION OF ASSIGNMENT AND CONTINGENT ASSIGNMENT OF PATENT RIGHTS AGREEMENT

THIS AFFIRMATION OF ASSIGNMENT AND CONTINGENT
ASSIGNMENT OF PATENT RIGHTS AGREEMENT ("Affirmation and Contingent
Assignment"), dated as of January 13, 2020, is made by and between Richard Holl, residing in
Rolla, Missouri, ("Assignor"), and Lupin, Inc., a corporation with offices located at 111 S.
Calvert Street, Harborplace Tower, 21st Floor, Baltimore, Maryland 21201("Assignee");

BACKGROUND

- Assignor is an inventor of the invention(s) described in the patent application entitled DEUTERATED ELAGOLIX-LIKE COMPOSITIONS AND METHODS, filed with The United States Patent and Trademark Office ("USPTO") on January 13, 2020, and assigned US Application No. 16/741,677 (the "Application");
- Assignor has previously assigned the rights in the invention(s), the Application, and any and all continuations, continuations-in-part, divisionals, substitutions, and renewals of the Application; any and all patents that issue from any of the foregoing; any extensions, reissues, reexaminations or similar rights arising from or related to such issued patents; and any other related patents, patent applications, or similar rights arising in the United States and in any other country(ies) throughout the world which benefit from a claim of priority to the Application or a sequence of priority claims traceable back to the Application, and all invention(s) disclosed or both disclosed and claimed in any of the foregoing (collectively the "Related Applications and Patents") to Assignee by of operation of law, employment agreement(s) between Assignor and Assignee, or both.
- Assignce having previously acquired from Assignor the entire right, title, and interest in and to the invention(s), the Application, and the Related Applications and Patents, desires to confirm such prior assignment and, to the extent any rights in or to the invention, the Application, or the Related Applications and Patents have not already been assigned by Assignor to Assignce to obtain through assignment hereunder any such rights, titles, and

interests in such aspects of the invention(s), the Application, and Related Applications and Patents.

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- 4. Representation of Assignor. Assignor hereby represents that (1) Assignor had good title, full right, and lawful authority to Assign the rights, titles, and interests to Assignee and (2) Assignor has not entered into and is not subject to any agreement or obligation to any person or organization, or order of any governmental authority worldwide, that could reasonably result in an encumbrance, lien, or claim on the invention(s), the Application, or any of the Related Applications and Patents.
- 5. Disclosure and Related Submissions. Assignor acknowledges that Assignee may freely disclose this Affirmation and Contingent Assignment to any person or entity and record it with governmental authorities, including patent offices and examining authorities throughout the world, which may publish the name of Assignor and Assignor's mailing address and that Assignee may prepare, execute, submit, and record additional documents evidencing Assignor's assignment of the invention(s), the Application, and any Related Applications and Patents to Assignee with governmental authorities, such as patent offices. Assignor acknowledges that such documents do not constitute a limitation or modification of this Affirmation and Contingent Assignment and in the event of any conflict between such documents and this Affirmation and Contingent Assignment, the terms of this Affirmation and Contingent Assignment will control.
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be compensated for in damages in an action at law, and the breach by Assignor of the provisions herein shall cause Assignee irreparable injury and damage and that, accordingly, Assignee will be entitled as a matter of right to injunctive and other equitable relief to prevent the violation of this Affirmation and Contingent Assignment, in addition to any other rights or remedies that Assignee may have to damages or otherwise pursuant to this Affirmation and Contingent Assignment or Applicable Law.

7. Miscellaneous. This Affirmation and Contingent Assignment will be construed under the laws of the United States and the State of Maryland, without regard to conflicts of law principles. If any part or parts of this Affirmation and Contingent Assignment shall be held unenforceable for any reason, the remainder of this Affirmation and Contingent Assignment shall continue in full force and effect. If any provision of this Affirmation and Contingent Assignment is deemed invalid or unenforceable by a tribunal of competent jurisdiction, and if limiting such provision would make the provision valid, then such provision shall be deemed to be construed as so limited. This Affirmation and Contingent Assignment inures to the benefit of the Assignee and its successors, assigns, and other legal representatives, and is binding on the Assignor and his respective heirs, legal representatives, and assigns. This Affirmation and Contingent Assignment constitutes the entire agreement between Assignor and Assignee concerning ownership of the invention(s), Application, and Related Applications and Patents and supersedes any prior understanding or representation of any kind preceding the date of this Affirmation and Contingent Assignment. There are no other promises, conditions, understandings or other agreements, whether oral or written, relating to the subject matter of this Affirmation and Contingent Assignment. Headings used in this Affirmation and Contingent Assignment are for convenience only and do not limit the scope of any term or provision. This Affirmation and Contingent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Affirmation and Contingent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Affirmation and Contingent Assignment.

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IN WITNESS WHEREOF, Assignor has duly executed this Affirmation and Contingent Assignment on the date and at the place indicated:

Date:	Place of signing:	Signature:
2801 Just	Land, 14	Ala Jakel Richard Holl
State of New Tessey		
County of Somether.		
THAT Library HOLL & to the foregoing instrument, appear	personally known to me to be the sared before me this day in person,	te aforesaid, DO HEREBY CERTIFY same person whose name is subscribed and acknowledged that <u>Lichard Holl</u> se and voluntary act, for the uses and
Given under my hand and notarial	seal, this $\frac{28}{}^{46}$ day of $\frac{0.000}{}^{20}$	<u></u>
Signature of Nature Public 1	PRAKASH S. SALUNKE HOTARY PUBLIC OF NEW JERSEY Commission 9 50145368 Ny Commission Express 1277/2025	

Assignee: Date: Place of signing: Signature: February 10,202 Baltimore, MD Mineral Shath Lupin, Inc. Minaks Bhatt, SVP IP
Name and Title State of MARYLAND

Emily of Baltimore I, the undersigned, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY THAT MINANT That personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that _______ signed, sealed and delivered the said instrument as his/her/their free and voluntary act, for the uses and purposes therein set forth. Given under my hand and notarial seal, this /0 day of /www. 20/22 Signature of Notary Public (Seal) NUA MARIE FUCHS Printed Name of Notary My commission expires on 2/// 20,25 NOTARY PUBLIC, STATE OF MARY!

The undersigned hereby accepts and agrees to the terms of the Affirmation and Contingent Assignment for

AFFIRMATION OF ASSIGNMENT AND CONTINGENT ASSIGNMENT OF PATENT RIGHTS AGREEMENT

THIS AFFIRMATION OF ASSIGNMENT AND CONTINGENT
ASSIGNMENT OF PATENT RIGHTS AGREEMENT ("Affirmation and Contingent
Assignment"), dated as of January 13, 2020, is made by and between Nicholas Hart, residing
in Randolph, New Jersey, ("Assignor"). and Lupin, Inc, a corporation with offices located at
111 S. Calvert Street, Harborplace Tower, 21st Floor, Baltimore, Maryland 21201("Assignee");

BACKGROUND

- Assignor is an inventor of the invention(s) described in the patent application entitled DEUTERATED ELAGOLIX-LIKE COMPOSITIONS AND METHODS, filed with The United States Patent and Trademark Office ("USPTO") on January 13, 2020, and assigned US Application No. 16/741,677 (the "Application");
- Assignor has previously assigned the rights in the invention(s), the Application, and any and all continuations, continuations-in-part, divisionals, substitutions, and renewals of the Application; any and all patents that issue from any of the foregoing; any extensions, reissues, reexaminations or similar rights arising from or related to such issued patents; and any other related patents, patent applications, or similar rights arising in the United States and in any other country(ies) throughout the world which benefit from a claim of priority to the Application or a sequence of priority claims traceable back to the Application, and all invention(s) disclosed or both disclosed and claimed in any of the foregoing (collectively the "Related Applications and Patents") to Assignee by of operation of law, employment agreement(s) between Assignor and Assignee, or both.
- Assignee having previously acquired from Assignor the entire right, title, and interest in
 and to the invention(s), the Application, and the Related Applications and Patents, desires to
 confirm such prior assignment and, to the extent any rights in or to the invention, the
 Application, or the Related Applications and Patents have not already been assigned by
 Assignor to Assignee to obtain through assignment hereunder any such rights, titles, and

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NOW, THEREFORE, for good and sufficient consideration, the receipt and sufficiency whereof are hereby acknowledged, Assignor and Assignee agree as follows:

- 1. **Definition.** "Assigned" as used in this Affirmation and Contingent Assignment means "assigned, transferred, set over, and/or conveyed." The terms "Assign" and "Assigns" herein have corresponding meanings.
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- 4. **Representation of Assignor.** Assignor hereby represents that (1) Assignor had good title, full right, and lawful authority to Assign the rights, titles, and interests to Assignee and (2) Assignor has not entered into and is not subject to any agreement or obligation to any person or organization, or order of any governmental authority worldwide, that could reasonably result in an encumbrance, lien, or claim on the invention(s), the Application, or any of the Related Applications and Patents.
- 5. Disclosure and Related Submissions. Assignor acknowledges that Assignee may freely disclose this Affirmation and Contingent Assignment to any person or entity and record it with governmental authorities, including patent offices and examining authorities throughout the world, which may publish the name of Assignor and Assignor's mailing address and that Assignee may prepare, execute, submit, and record additional documents evidencing Assignor's assignment of the invention(s), the Application, and any Related Applications and Patents to Assignee with governmental authorities, such as patent offices. Assignor acknowledges that such documents do not constitute a limitation or modification of this Affirmation and Contingent Assignment and in the event of any conflict between such documents and this Affirmation and Contingent Assignment, the terms of this Affirmation and Contingent Assignment will control.
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7. Miscellaneous. This Affirmation and Contingent Assignment will be construed under the laws of the United States and the State of Maryland, without regard to conflicts of law principles. If any part or parts of this Affirmation and Contingent Assignment shall be held unenforceable for any reason, the remainder of this Affirmation and Contingent Assignment shall continue in full force and effect. If any provision of this Affirmation and Contingent Assignment is deemed invalid or unenforceable by a tribunal of competent jurisdiction, and if limiting such provision would make the provision valid, then such provision shall be deemed to be construed as so limited. This Affirmation and Contingent Assignment inures to the benefit of the Assignee and its successors, assigns, and other legal representatives, and is binding on the Assignor and his respective heirs, legal representatives, and assigns. This Affirmation and Contingent Assignment constitutes the entire agreement between Assignor and Assignee concerning ownership of the invention(s), Application, and Related Applications and Patents and supersedes any prior understanding or representation of any kind preceding the date of this Affirmation and Contingent Assignment. There are no other promises, conditions, understandings or other agreements, whether oral or written, relating to the subject matter of this Affirmation and Contingent Assignment. Headings used in this Affirmation and Contingent Assignment are for convenience only and do not limit the scope of any term or provision. This Affirmation and Contingent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Affirmation and Contingent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Affirmation and Contingent Assignment.

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IN WITNESS WHEREOF, Assignor has duly executed this Affirmation and Contingent Assignment on the date and at the place indicated:

Date:	Place of signing:	Signature:
2/14/22	Morristown NJ USA	Nichelas Hart
State of MAN JUSTY County of MULIS		
THAT N. (NO. 185) HACT to the foregoing instrument, appe	personally known to me to be the sared before me this day in person,	ate aforesaid, DO HEREBY CERTIFY same person whose name is subscribed, and acknowledged thatee and voluntary act, for the uses and
Given under my hand and notaria Millian Millian Signature of Notary Public (Seal) BGANA MACON O Printed Name of Notary My commission expires on	l seal, this day of, 20	A MAA A MAA END ON A PAR PUBLIC Sone Colon

Date: Place of signing: Signature: March 1,202 Baltimore, NO Minakai Bhath Lupin, Inc. Minaksi Bhatt, So. VP Name and Title State of MARY LAND

CITY
County of Sartinors I, the undersigned, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY THAT Minak St. Ghatt personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person, and acknowledged that signed, sealed and delivered the said instrument as his/her/their free and voluntary act, for the uses and purposes therein set forth. Signature of Notary Public Mana Marie Fuchs Printed Name of Notary ANNA MARIE FUCHS NOTARY PUBLIC, STATE OF MARYLAND

My commission expires on Jazy 1/... 20,35

RECORDED: 03/02/2022

The undersigned hereby accepts and agrees to the terms of the Affirmation and Contingent Assignment for

Assignee: