

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT7729453

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALESSANDRO BOEZIO	04/24/2022
JOHN BUTLER	04/13/2022
MIKKEL DEBENEDETTO	06/14/2022
RUSSELL GRACEFFA	04/15/2022
JUSTIN MALINOWSKI	04/13/2022
DAVID MOEBIUS	04/13/2022
JOSHUA PAYETTE	04/25/2022
DAVID ST. JEAN JR.	04/14/2022
RICHARD VARGAS	06/28/2022
JOHN YEOMAN	04/14/2022
HANMO ZHANG	04/21/2022
ALAN CHENG	06/06/2022
FELIX GONZALEZ LOPEZ DE TURISO	04/13/2022
MICHAEL GARRETT JOHNSON	04/12/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AMGEN INC.
<b>Street Address:</b>	ONE AMGEN CENTER DRIVE
<b>City:</b>	THOUSAND OAKS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91320-1799
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17672594
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)494-0792
<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>	
<b>Phone:</b>	(650) 813-4058
<b>Email:</b>	ebowers@mofo.com

**Correspondent Name:** QIWEN ZHONG  
**Address Line 1:** MORRISON & FOERSTER LLP  
**Address Line 2:** 755 PAGE MILL ROAD  
**Address Line 4:** PALO ALTO, CALIFORNIA 94304-1018

**ATTORNEY DOCKET NUMBER:** 49892-20174.02

**NAME OF SUBMITTER:** QIWEN ZHONG

**SIGNATURE:** /Qiwen Zhong/

**DATE SIGNED:** 01/06/2023

**Total Attachments: 56**

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## ASSIGNMENT

This assignment is by:

- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
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      Thousand Oaks, California 91320-1799  
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- 3     Mikkell DeBenedetto  
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- 4     Russell Graceffa  
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- 5     Justin Malinowski  
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- 9     Richard Vargas  
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- 10 John Yeoman  
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- 12 Alan Cheng  
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- 13 Felix Gonzalez Lopez De Turiso  
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- 14 Michael Garrett Johnson  
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One Amgen Center Drive  
Thousand Oaks, California 91320-1799  
United States of America

(each referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Amgen Inc.  
Address: One Amgen Center Drive  
Thousand Oaks, California 91320-1799  
United States of America  
A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby.

Assignor invented certain new and useful inventions in:

**BISAMIDE SARCOMERE ACTIVATING COMPOUNDS AND USES THEREOF**

which are set forth in:

Serial No.: 17/672,594	Filing Date: February 15, 2022
Serial No.: 17/068,518	Filing Date: October 12, 2020
Serial No.: 16/833,336	Filing Date: March 27, 2020
Serial No.: 16/833,321	Filing Date: March 27, 2020
Serial No.: 16/129,862	Filing Date: September 13, 2018
Serial No.: PCT/US2018/050793	Filing Date: September 13, 2018

(which identifying information may be added after execution)

For good and valuable consideration, the receipt and sufficiency of which are 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 any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.


4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Morrison & Foerster LLP (or as needed attorneys of the applicable country appointed and authorized by Morrison & Foerster LLP), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.


6. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date:	04/24/2022	Signature:	 Alessandro Boezio
Date:		Signature:	John Butler
Date:		Signature:	Mikkel DeBenedetto
Date:		Signature:	Russell Graceffa
Date:		Signature:	Justin Malinowski
Date:		Signature:	David Moebius
Date:		Signature:	Joshua Payette
Date:		Signature:	David St. Jean, Jr.
Date:		Signature:	Richard Vargas
Date:		Signature:	John Yeoman
Date:		Signature:	Hanmo Zhang
Date:		Signature:	Alan Cheng
Date:		Signature:	Felix Gonzalez Lopez De Turiso
Date:		Signature:	Michael Garrett Johnson

ASSIGNEE:

Date:	September 16, 2022	Signature:	
		Name:	Stuart L. Watt
		Title:	Vice President, Law and Intellectual Property Officer
		Company:	Amgen Inc.

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## ASSIGNMENT

This assignment is by:

- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
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      Thousand Oaks, California 91320-1799  
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United States of America

(each referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

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Assignee: Amgen Inc.  
Address: One Amgen Center Drive  
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A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby.

Assignor invented certain new and useful inventions in:

**BISAMIDE SARCOMERE ACTIVATING COMPOUNDS AND USES THEREOF**

which are set forth in:

Serial No.: 17/672,594	Filing Date: February 15, 2022
Serial No.: 17/068,518	Filing Date: October 12, 2020
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Serial No.: PCT/US2018/050793	Filing Date: September 13, 2018

(which identifying information may be added after execution)

For good and valuable consideration, the receipt and sufficiency of which are 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 any obligation to do so in said prior agreement,

1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Morrison & Foerster LLP (or as needed attorneys of the applicable country appointed and authorized by Morrison & Foerster LLP), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

6. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date:	_____	Signature:	_____
			Alessandro Boezio
Date:	4/13/2022	Signature:	_____
			John Butler
Date:	_____	Signature:	_____
			Mikkel DeBenedetto
Date:	_____	Signature:	_____
			Russell Graceffa
Date:	_____	Signature:	_____
			Justin Malinowski
Date:	_____	Signature:	_____
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Date:	_____	Signature:	_____
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Date:	_____	Signature:	_____
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Date:	_____	Signature:	_____
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Date:	_____	Signature:	_____
			Alan Cheng
Date:	_____	Signature:	_____
			Felix Gonzalez Lopez De Turiso
Date:	_____	Signature:	_____
			Michael Garrett Johnson

ASSIGNEE:

Date:	September 22, 2022	Signature:	_____
			Stuart L. Watt
		Name:	_____
		Title:	_____
		Company:	Amgen Inc.

## ASSIGNMENT

This assignment is by:

- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
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(each referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Amgen Inc.  
Address: One Amgen Center Drive  
Thousand Oaks, California 91320-1799  
United States of America  
A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby.

Assignor invented certain new and useful inventions in:

**BISAMIDE SARCOMERE ACTIVATING COMPOUNDS AND USES THEREOF**

which are set forth in:

Serial No.: 17/672,594	Filing Date: February 15, 2022
Serial No.: 17/068,518	Filing Date: October 12, 2020
Serial No.: 16/833,336	Filing Date: March 27, 2020
Serial No.: 16/833,321	Filing Date: March 27, 2020
Serial No.: 16/129,862	Filing Date: September 13, 2018
Serial No.: PCT/US2018/050793	Filing Date: September 13, 2018

(which identifying information may be added after execution)

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1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

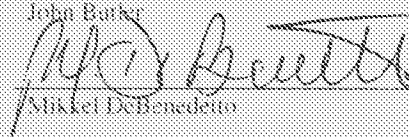
4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Morrison & Foerster LLP (or as needed attorneys of the applicable country appointed and authorized by Morrison & Foerster LLP), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____	Signature: _____	Alessandro Boezio
Date: _____	Signature: _____	John Barker
Date: <u>6/14/22</u>	Signature: 	Mikkel DeBenedetto
Date: _____	Signature: _____	Russell Graceffa
Date: _____	Signature: _____	Justin Malinowski
Date: _____	Signature: _____	David Moebius
Date: _____	Signature: _____	Joshua Payette
Date: _____	Signature: _____	David St. Jean, Jr.
Date: _____	Signature: _____	Richard Vargas
Date: _____	Signature: _____	John Yeoman
Date: _____	Signature: _____	Hanno Zhang
Date: _____	Signature: _____	Alan Cheng
Date: _____	Signature: _____	Felix Gonzalez Lopez De Turiso
Date: _____	Signature: _____	Michael Garrett Johnson

ASSIGNEE:

Date: <u>September 16, 2022</u>	Signature: 
Name: <u>Stuart L. Watt</u>	
Title: <u>Vice President, Law and Intellectual Property Officer</u>	
Company: <u>Amgen Inc.</u>	

## ASSIGNMENT

This assignment is by:

- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
      One Amgen Center Drive  
      Thousand Oaks, California 91320-1799  
      United States of America
- 2     John Butler  
      56 Fremont Street  
      Somerville, Massachusetts 02145  
      United States of America
- 3     Mikkell DeBenedetto  
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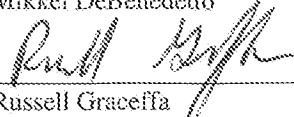
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Date: _____	Signature: _____	Alessandro Boezio
Date: _____	Signature: _____	John Butler
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Date: <u>4/15/22</u>	Signature: 	Russell Graceffa
Date: _____	Signature: _____	Justin Malinowski
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Date: _____	Signature: _____	Michael Garrett Johnson

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Name: Stuart L. Watt	
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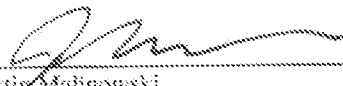
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**BISAMIDE SARCOMERE ACTIVATING COMPOUNDS AND USES THEREOF**

which are set forth in:

Serial No.: 17/672,594	Filing Date: February 15, 2022
Serial No.: 17/068,518	Filing Date: October 12, 2020
Serial No.: 16/833,336	Filing Date: March 27, 2020
Serial No.: 16/833,321	Filing Date: March 27, 2020
Serial No.: 16/129,862	Filing Date: September 13, 2018
Serial No.: PCT/US2018/050793	Filing Date: September 13, 2018

(which identifying information may be added after execution)

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1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

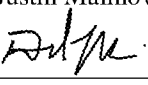
4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Morrison & Foerster LLP (or as needed attorneys of the applicable country appointed and authorized by Morrison & Foerster LLP), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.


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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____	Signature: _____	Alessandro Boezio
Date: _____	Signature: _____	John Butler
Date: _____	Signature: _____	Mikkel DeBenedetto
Date: _____	Signature: _____	Russell Graceffa
Date: _____	Signature: _____	Justin Malinowski
Date: <u>4/13/2022</u>	Signature: 	David Moebius
Date: _____	Signature: _____	Joshua Payette
Date: _____	Signature: _____	David St. Jean, Jr.
Date: _____	Signature: _____	Richard Vargas
Date: _____	Signature: _____	John Yeoman
Date: _____	Signature: _____	Hanmo Zhang
Date: _____	Signature: _____	Alan Cheng
Date: _____	Signature: _____	Felix Gonzalez Lopez De Turiso
Date: _____	Signature: _____	Michael Garrett Johnson

ASSIGNEE:

Date: <u>September 16, 2022</u>	Signature: 
Name: Stuart L. Watt	
Title: Vice President, Law and Intellectual Property Officer	
Company: Amgen Inc.	

## ASSIGNMENT

This assignment is by:

- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
      One Amgen Center Drive  
      Thousand Oaks, California 91320-1799  
      United States of America
- 2     John Butler  
      56 Fremont Street  
      Somerville, Massachusetts 02145  
      United States of America
- 3     Mikkel DeBenedetto  
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Assignee: Amgen Inc.  
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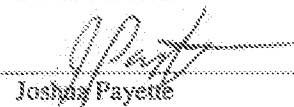
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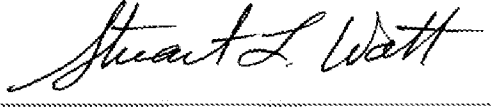
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Date: _____	Signature: _____	Russell Graceffa
Date: _____	Signature: _____	Justin Malinowski
Date: _____	Signature: _____	David Moebius
Date: _____	Signature: _____	Joshua Payette
Date: <u>4/14/22</u>	Signature: _____	David St. Jean, Jr.
Date: _____	Signature: _____	Richard Vargas
Date: _____	Signature: _____	John Yeoman
Date: _____	Signature: _____	Hanmo Zhang
Date: _____	Signature: _____	Alan Cheng
Date: _____	Signature: _____	Felix Gonzalez Lopez De Turiso
Date: _____	Signature: _____	Michael Garrett Johnson

ASSIGNEE:

Date: <u>September 16, 2022</u>	Signature: _____	
	Name: <u>Stuart L. Watt</u>	
	Title: <u>Vice President, Law and Intellectual Property Officer</u>	
	Company: <u>Amgen Inc.</u>	

## ASSIGNMENT

This assignment is by:

- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
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1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

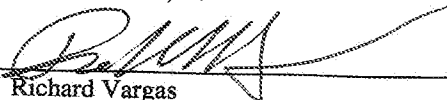
4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Morrison & Foerster LLP (or as needed attorneys of the applicable country appointed and authorized by Morrison & Foerster LLP), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.


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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____	Signature: _____	Alessandro Boezio
Date: _____	Signature: _____	John Butler
Date: _____	Signature: _____	Mikkel DeBenedetto
Date: _____	Signature: _____	Russell Graceffa
Date: _____	Signature: _____	Justin Malinowski
Date: _____	Signature: _____	David Moebius
Date: _____	Signature: _____	Joshua Payette
Date: _____	Signature: _____	David St. Jean, Jr.
Date: <u>6/28/22</u>	Signature: 	Richard Vargas
Date: _____	Signature: _____	John Yeoman
Date: _____	Signature: _____	Hanmo Zhang
Date: _____	Signature: _____	Alan Cheng
Date: _____	Signature: _____	Felix Gonzalez Lopez De Turiso
Date: _____	Signature: _____	Michael Garrett Johnson

ASSIGNEE:

Date: September 16, 2022      Signature: 

Name: Stuart L. Watt  
 Title: Vice President, Law and Intellectual Property Officer  
 Company: Amgen Inc.

## ASSIGNMENT

This assignment is by:

- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
      One Amgen Center Drive  
      Thousand Oaks, California 91320-1799  
      United States of America
- 2     John Butler  
      56 Fremont Street  
      Somerville, Massachusetts 02145  
      United States of America
- 3     Mikkel DeBenedetto  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
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Assignee: Amgen Inc.  
Address: One Amgen Center Drive  
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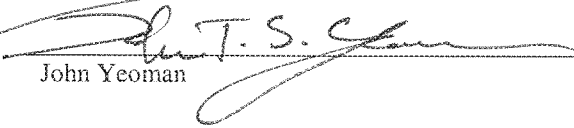
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Date: _____	Signature: _____	Joshua Payette
Date: _____	Signature: _____	David St. Jean, Jr.
Date: _____	Signature: _____	Richard Vargas
Date: <u>4/14/2022</u>	Signature: 	John Yeoman
Date: _____	Signature: _____	Hanmo Zhang
Date: _____	Signature: _____	Alan Cheng
Date: _____	Signature: _____	Felix Gonzalez Lopez De Turiso
Date: _____	Signature: _____	Michael Garrett Johnson

ASSIGNEE:

Date: <u>September 16, 2022</u>	Signature: 
Name: Stuart L. Watt	
Title: Vice President, Law and Intellectual Property Officer	
Company: Amgen Inc.	

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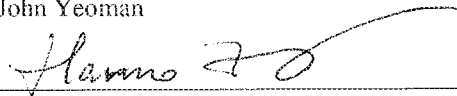
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Date: _____	Signature: _____	David St. Jean, Jr.
Date: _____	Signature: _____	Richard Vargas
Date: _____	Signature: _____	John Yeoman
Date: <u>4/21/2022</u>	Signature: 	Hanmo Zhang
Date: _____	Signature: _____	Alan Cheng
Date: _____	Signature: _____	Felix Gonzalez Lopez De Turiso
Date: _____	Signature: _____	Michael Garrett Johnson

ASSIGNEE:

Date: <u>September 16, 2022</u>	Signature: 
Name: Stuart L. Watt	
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Company: Amgen Inc.	

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1. Assignor hereby sells, assigns, transfers and sets over, to Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in and to the above-mentioned inventions, application for letters patent, any and all non-provisionals, divisions, continuations, and continuations-in-part claiming priority thereto or the benefit thereof, substitutions of said applications, and any and all letters patent or patents in the United States of America and all foreign countries or jurisdictions which may be granted therefor and thereon, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination or other post-grant proceeding, and any and all extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover damages for past, present and future infringement, and any and all rights to claim priority to said application and any and all applications claiming priority thereto or based on said inventions), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

2. Assignor represents, warrants and covenants (a) that, at the time of execution and delivery of this agreement, Assignor is the sole and lawful owner of Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement, or (b) that Assignor solely and lawfully owned Assignor's entire right, title and interest in and to said inventions arising from Assignor's inventorship thereof and said application for letters patent, and that the same were unencumbered and that Assignor previously sold, assigned, transferred and set over, to Assignee, its successors, legal representatives and assigns, or to a predecessor in interest of Assignee, Assignor's entire right, title and interest in and to said inventions and said applications for letters patent.

3. Assignor shall promptly sign, execute, and deliver to Assignee all papers, instruments, affidavits, and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said application for letters patent; (b) any non-provisional, division, continuation, or continuation-in-part claiming priority thereto or the benefit thereof, or any substitution of any such application, or (c) any letters patent or patents for said inventions in any country or jurisdiction, including, without limitation, any modifications to such letters patent or patents such as through reissue, re-examination, or other post-grant proceeding. For purposes of this paragraph, "procurement, maintenance, enforcement, defense" shall include, without limitation, any preparation, prosecution, pre-grant proceeding, and post-grant proceeding, whether before a patent office or other administrative body or judicial body with jurisdiction therefor.

4. Assignor hereby authorizes and requests the Commissioner for Patents in the United States to issue the above mentioned letters patents of the United States and any reissue, reexamination, review, or extension thereof to and in the name of Assignee as the assignee of said inventions and the letters patents to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. Assignor hereby grants attorneys, all of Morrison & Foerster LLP (or as needed attorneys of the applicable country appointed and authorized by Morrison & Foerster LLP), the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office or any foreign patent issuing authority for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known.

6. This assignment may be executed in one or more counterparts, with the same effect as if each signature were on the same document. Each counterpart so executed shall be deemed to be an original, and all such counterparts shall be construed together and shall constitute one agreement.

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Alessandro Boezio

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John Butler

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Mikkel DeBenedetto

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Russell Graceffa

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Justin Malinowski

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
David Moebius

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Joshua Payette

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
David St. Jean, Jr.

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Richard Vargas

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
John Yeoman


Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Hanmo Zhang

Date: June 6, 2022 Signature:   
Alan Cheng

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Felix Gonzalez Lopez De Turiso

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Michael Garrett Johnson

ASSIGNEE:

Date: September 16, 2022 Signature:   
Name: Stuart L. Watt  
Title: Vice President, Law and Intellectual Property Officer  
Company: Amgen Inc.

## ASSIGNMENT

This assignment is by:

- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
      One Amgen Center Drive  
      Thousand Oaks, California 91320-1799  
      United States of America
- 2     John Butler  
      56 Fremont Street  
      Somerville, Massachusetts 02145  
      United States of America
- 3     Mikkel DeBenedetto  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
      One Amgen Center Drive  
      Thousand Oaks, California 91320-1799  
      United States of America
- 4     Russell Graceffa  
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      United States of America
- 5     Justin Malinowski  
      58 High Street #1  
      Charlestown, Massachusetts 02129  
      United States of America
- 6     David Moebius  
      47 Tamarack Road  
      Westwood, Massachusetts 02090  
      United States of America
- 7     Joshua Payette  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
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- 10 John Yeoman  
c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
One Amgen Center Drive  
Thousand Oaks, California 91320-1799  
United States of America
- 11 Hanmo Zhang  
50 Broadlawn Park, 415  
Chestnut Hill, Massachusetts 02467  
United States of America
- 12 Alan Cheng  
c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
One Amgen Center Drive  
Thousand Oaks, California 91320-1799  
United States of America
- 13 Felix Gonzalez Lopez De Turiso  
241 Cardinal Medeiros Ave.  
Cambridge, Massachusetts 02141  
United States of America
- 14 Michael Garrett Johnson  
c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
One Amgen Center Drive  
Thousand Oaks, California 91320-1799  
United States of America

(each referred to in this Assignment as "Assignor"), whose residence or mailing address information is listed above.

This Assignment is to:

Assignee: Amgen Inc.  
Address: One Amgen Center Drive  
Thousand Oaks, California 91320-1799  
United States of America  
A juristic entity duly organized under and pursuant to the laws of: Delaware

(referred to in this Assignment as "Assignee"), which desires to acquire the entire right, title and interest in, to and under the patent application identified below and the inventions covered thereby.

Assignor invented certain new and useful inventions in:

**BISAMIDE SARCOMERE ACTIVATING COMPOUNDS AND USES THEREOF**

which are set forth in:

Serial No.: 17/672,594	Filing Date: February 15, 2022
Serial No.: 17/068,518	Filing Date: October 12, 2020
Serial No.: 16/833,336	Filing Date: March 27, 2020
Serial No.: 16/833,321	Filing Date: March 27, 2020
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Serial No.: PCT/US2018/050793	Filing Date: September 13, 2018

(which identifying information may be added after execution)

For good and valuable consideration, the receipt and sufficiency of which are 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 any obligation to do so in said prior agreement,

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNOR(s):

Date: _____	Signature: _____	Alessandro Boezio
Date: _____	Signature: _____	John Butler
Date: _____	Signature: _____	Mikkel DeBenedetto
Date: _____	Signature: _____	Russell Graceffa
Date: _____	Signature: _____	Justin Malinowski
Date: _____	Signature: _____	David Moebius
Date: _____	Signature: _____	Joshua Payette
Date: _____	Signature: _____	David St. Jean, Jr.
Date: _____	Signature: _____	Richard Vargas
Date: _____	Signature: _____	John Yeoman
Date: _____	Signature: _____	Hanmo Zhang
Date: _____	Signature: _____	Alan Cheng
Date: <u>April 13<sup>th</sup> / 22</u>	Signature: _____	Felix Gonzalez Lopez De Turiso
Date: _____	Signature: _____	Michael Garrett Johnson

ASSIGNEE:

Date: <u>September 16, 2022</u>	Signature: _____	
	Name: _____	Stuart L. Watt
	Title: _____	Vice President, Law and Intellectual Property Officer
	Company: _____	Amgen Inc.

## ASSIGNMENT

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- 1     Alessandro Boezio  
      c/o Amgen Inc., Law Dept - Patent Ops, M/S 28-5-A  
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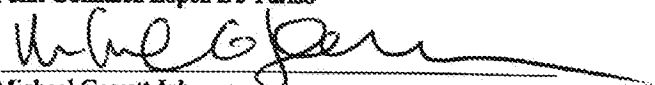
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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

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Date: _____	Signature: _____ Alessandro Boezio
Date: _____	Signature: _____ John Butler
Date: _____	Signature: _____ Mikkel DeBenedetto
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Date: _____	Signature: _____ Justin Malinowski
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Date: _____	Signature: _____ Richard Vargas
Date: _____	Signature: _____ John Yeoman
Date: _____	Signature: _____ Hanmo Zhang
Date: _____	Signature: _____ Alan Cheng
Date: _____	Signature: _____ Felix Gonzalez Lopez De Turiso
Date: <u>4/12/22</u>	Signature:  Michael Garrett Johnson

ASSIGNEE:

Date: <u>September 16, 2022</u>	Signature: 
Name: Stuart L. Watt	
Title: Vice President, Law and Intellectual Property Officer	
Company: Amgen Inc.	

sf-4783870