505410193 04/03/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENNETH LAWSON	05/10/2018
NOEL RIEDER	05/09/2018
SUMINDA HAPUARACHCHI	05/10/2018
JOSE GREGORIO RAMIREZ	05/15/2018

RECEIVING PARTY DATA

Name:	AMGEN INC
Street Address:	ONE AMGEN CENTER DRIVE
City:	THOUSAND OAKS
State/Country:	CALIFORNIA
Postal Code:	91320-1799

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16372291

CORRESPONDENCE DATA

Fax Number:

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: (805) 447-1000

Email: ttorraca@amgen.com

Correspondent Name: AMGEN INC.

Address Line 1: ONE AMGEN CENTER DRIVE

Address Line 2: LAW DEPT - PATENT OPERATIONS

Address Line 4: THOUSAND OAKS, CALIFORNIA 91320-1799

ATTORNEY DOCKET NUMBER:	A-2190-US-NP
NAME OF SUBMITTER:	TONYA TORRACA
SIGNATURE:	/Tonya Torraca/
DATE SIGNED:	04/03/2019

Total Attachments: 6

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PATENT 505410193 REEL: 048787 FRAME: 0259

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PATENT REEL: 048787 FRAME: 0260

ASSIGNMENT

Whereas, I/we, Kenneth LAWSON, 237 Fox Ridge Drive, Thousand Oaks, CA 91361 / US

Noel RIEDER, 1687 Fox Springs Circle, Thousand Oaks, CA 91320 / US

Suminda HAPUARACHCHI, 4635 Via Dulce, Camarillo, CA 93012 / US

Jose Gregorio RAMIREZ, 50 President Avenue, Providence, RI 02906 / US

(hereinafter referred to as ASSIGNOR), have made an invention which is the subject of an application for Letters Patent of the United States; and/or is the subject of a provisional application; and/or is the subject of an international application; and/or is the subject of other patent application(s) in other jurisdictions worldwide ("Application") entitled

ERENUMAB COMPOSITIONS AND USES THEREOF

which is found in:

☑ US Application Serial No. <u>62/651,651</u> filed <u>April 2, 2018</u>.

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799 wishes to acquire the entire right, title, and interest in all inventions disclosed in such Application;

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto AMGEN INC., its successors and assigns (collectively "ASSIGNEE") ASSIGNOR'S entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, continuation-in-part, substitute, reissue, and/or reexamination applications based on the above identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by ASSIGNEE for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, and any extensions thereof, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made.

Further, ASSIGNOR hereby sells, assigns, transfers, and sets over unto ASSIGNEE ASSIGNOR'S entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to the Application and which are deposited by ASSIGNOR or at ASSIGNOR'S direction or deposited on ASSIGNOR'S behalf by ASSIGNEE, its affiliates, employees, or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, ASSIGNOR'S unreserved and irrevocable consent and authorization to ASSIGNEE to refer to the deposited microorganism(s) or other biological material(s) in the Application and the right to make available to the public the deposited material

PATENT REEL: 048787 FRAME: 0261

in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any foreign Patent Office authority to issue any such Letters Patent which may be granted on the Application to ASSIGNEE as assignee of the entire right, title and interest therein and thereto.

For ASSIGNOR and for ASSIGNOR'S legal representatives, ASSIGNOR covenants and agrees with ASSIGNEE that ASSIGNOR has not granted to any others any license to make, use or sell any of such inventions, that ASSIGNOR'S right, title and interest in such inventions has not been encumbered, that ASSIGNOR has good right and title to sell and assign the same, and that ASSIGNOR will not execute any instrument in conflict herewith.

For ASSIGNOR and for ASSIGNOR'S heirs, successors and legal representatives, ASSIGNOR further covenants and agrees with ASSIGNEE that upon request ASSIGNOR and ASSIGNOR'S heirs, successors and legal representatives will: (i) execute continuing, divisional, substitute, reexamination, and/or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to ASSIGNEE any facts known to ASSIGNOR or ASSIGNOR'S heirs, successors and legal representatives relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigation; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for ASSIGNEE, may be necessary or desirable to secure the grant of Letters Patent to ASSIGNEE or its nominees, in the United States and in all other countries where ASSIGNEE may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for ASSIGNEE and to vest and confirm in ASSIGNEE or its nominees the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid at the expense of ASSIGNEE.

DECLARATION OF ACCEPTANCE

Stuart L. Watt

On behalf of Assignee,

	Name
	Vice President, Law and Intellectual Property Officer
	Title
hereby confirms Assignee's acceptance	ce.
May 17, 2018	Stuart L. Watt
Date	Signature

In Witness Whereof I have executed this assignment on	May 10	2018.
	(Month, Day)	(Year)
Kenneth LAWSON		
(Name of Inventor)	(Signature of Inventor)	

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.

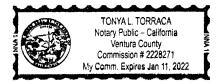
State of California

County of Ventura

On May 10, 2018 before me, longa L. Torraca

Notary Public, personally appeared

Kenneth LAWSON



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.

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:

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Place Notary Seal Above

In Witness Whereof I have executed this assignment on	(Month, Day)	2018. (Year)
Noel RIEDER	nal Ri	
(Name of Inventor)	(Signature of Inve	ntor)

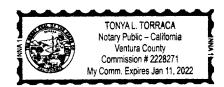
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

au 9 2018 before me, 10042

Notary Public, personally appeared

Noel RIEDER



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.

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.

Place Notary Seal Above

(Signature of Inventor)

In Witness Whereof I have executed this assignment on	5[10	2018.
	(Month, Day)	(Year)
Suminda HAPUARACHCHI	At Haparuch	ely

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 California

County of Ventura }

On May 10, 2018 before me, 10nya

(Name of Inventor)

Notary Public, personally appeared

Suminda HAPUARACHCHI



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 the -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.

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.

Place Notary Seal Above

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In Witness Whereof I have executed this	assignment on 15 th of May 2018. (Year)
Jose Gregorio RAMIREZ (Name of Inventor)	(Signature of Inventor)
State/Commonwealth of Phate Is County of Providence	sland ss.
On this the $\frac{15}{\text{Day}}$ day of $\frac{\text{M}}{\text{Day}}$, 2018, before me,
Name of Notary Public	, the undersigned Notary Public,
personally appeared	Name(s) of Signers(s)
	□ personally known to me – OR –
	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 for the purposes therein stated.
	WITNESS my hand and official seal.
	Signature of Notary Public
	ID # 761693
Place Notary Seal/Stamp Above	Any other Required Information (Printed Name of Notary, Expiration Date, etc.)

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