## 505482561 05/17/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
PETER HENRY SCHAFER	05/01/2019
ROBERT PLENGE	05/01/2019
MARY ADAMS	05/06/2019
LISA BEEBE	05/01/2019
GILLES BUCHWALTER	05/13/2019
TIFFANY CARR	05/01/2019
TE-CHEN TZENG	05/01/2019

### **RECEIVING PARTY DATA**

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16398569

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	MICHAEL J. DEGRAZIA, PH.D.
SIGNATURE:	/Michael J. DeGrazia, Ph.D./
DATE SIGNED:	05/17/2019

PATENT REEL: 049213 FRAME: 0675

# Total Attachments: 9 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif source=Executed Assignment#page4.tif source=Executed Assignment#page5.tif source=Executed Assignment#page6.tif source=Executed Assignment#page7.tif source=Executed Assignment#page8.tif source=Executed Assignment#page8.tif source=Executed Assignment#page9.tif

PATENT REEL: 049213 FRAME: 0676

### ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto

**Celgene Corporation** 

86 Morris Ave Summit, New Jersey 07901 United States

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

### COMBINATION THERAPIES COMPRISING APREMILAST AND TYK2 INHIBITORS

as set forth in the following Patent Application:

United States Patent Application No. 16/398,569, filed April 30, 2019

Including (a) all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions, (b) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (c) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (d) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, including evidence for interference,

reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of McCarter & English, LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English**, **LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this day of, 2019.		
Peter Henry Schafer		
United States of America ) State of		
On this day of May , 2019 , before me, the undersigned notary public, personally appeared Peter Henry Schafer		
(name of document signer), proved to me through satisfactory evidence of identification, which was <u>Celgene Employee</u> , to be the person whose name is signed on the preceding or attached document in my presence.		
Exthleen Amer (official signature and seal of notary)		
My commission expires		
KATHLEEN AMON NOTARY PUBLIC OF NEW JERSE		

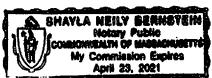
My Commission Expires Dec. 1, 2022

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Executed this, 2019.			
all			
Robert Plenge			
United States of America State of Massachuse #5)			
County of Middles (X)  On this St day of Man 2019, before me,			
the undersigned notary public, personally appeared  Robert Plenge			
(name of document signer), proved to me through satisfactory evidence of identification, which was higher than the preceding or attached document in my presence.			
Sharfa Benotein (official signature and seal of notary)			
My commission expires			
SHAYLA NEILY BERNSTEIN			

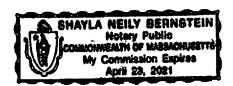
Executed this
United States of America  State of  County of  On this
the undersigned notary public, personally appeared Mary Adams (name of document signer), proved to me through satisfactory evidence of identification, which was Celgene Employee Badge, to be the person whose name is signed on the preceding or attached document in my presence.
My commission expires  KATHLEEN AMON NOTARY PUBLIC OF NEW JERSEY My Commission Expires Dec. 1, 2022

Executed this day of, 2019.
Lon Bales
Lisa Beebe
United States of America  State of Massachusetts  County of Widdle sex
On this St day of May, 2019, before me, the undersigned notary public, personally appeared Lisa Beebe
(name of document signer), proved to me through satisfactory evidence of identification, which was whose name is signed on the preceding or attached document in my presence.
Sharpla Remotern (official signature and seal of notary)
My commission expires



Executed this <u>13 kk</u>	day of MA7	, 2019.	GR MC	<u> </u>
			Gilles Buc	hwalter
United States of Amer	ica	`		
State of	MA	)		
County of	MIDDLESEX	ے آ		
On this 13:  the undersigned notary (name of document sign which was Versin is signed on the precedent)	public, personally appropriate provided to me three colors and the colors are the colors and the colors are the colors and the colors are the	peared ough satisfactory e	Gilles Bud vidence of id _, to be the p	entification,
Shaufa Beurstein (official signature and seal of notary)  My commission expires April 23, 2021.				
		SHAYLA NEILY Notary P My Commission April 23,	BERNSTEIN ublic MSSACHUSETTS of Explicis 2021	

Executed this 15+ day of May, 2019.			
- Tilling (on			
Tiffany Carr			
United States of America			
County of Middlesex			
On this 1st day of May, 2019, before me,			
the undersigned notary public, personally appeared Tiffany Carr			
(name of document signer), proved to me through satisfactory evidence of identification,			
which was Versimally known to me, to be the person whose name			
is signed on the preceding or attached document in my presence.			
Sharefa Beustein (official signature and seal of notary)			
My commission expires			



Executed this day of May, 2019.	rty		
— U tre-ci	nen Tzeng		
United States of America  State of Wassachusetts  County of Widdlesex  On this 15t day of Many, 2019	, before me,		
On this	hen Tzeng of identification,		
My commission expires			
SHAYLA NEILY BERNSTEI Notery Public COMMONWEALTH OF MASSACHUSET	N .		

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**RECORDED: 05/17/2019**