PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anthony J. FRANK	10/21/2010
Hon-Wah MAN	10/25/2010
Chuangseng GE	10/25/2010
Manohar SAINDAINE	10/13/2010

RECEIVING PARTY DATA

Name:	Celgene Corporation		
Street Address:	86 Morris Avenue		
City:	Summit		
State/Country:	NEW JERSEY		
Postal Code:	07901		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12901338	

CORRESPONDENCE DATA

Fax Number: 8583141150

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 858-314-1200

Email: scgenua@jonesday.com, mvdiaz@jonesday.com

Correspondent Name: JONES DAY
Address Line 1: 222 East 41st Street

Address Line 2: Sandra Genua

Address Line 4: New York, NEW YORK 10017

ATTORNEY DOCKET NUMBER: 501872-999895

NAME OF SUBMITTER: Sandra Genua

Total Attachments: 8

PATENT REEL: 029989 FRAME: 0819 H \$40.00 1290

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WHEREAS, WE, Anthony J. Frank, residing at 139 Clover Hollow Road, Easton, PA 18045, Hon-Wah Man, residing at 27 Grant Way, Princeton, NJ 08540, Chuangseng Ge, residing at 9 Breckenridge Court, Belle Mead, NJ 08502, and Manohar Saindaine, residing at 20 Arbutus Way, Monmouth Junction, NJ 08852, ASSIGNORS, citizens of the United States, are the inventors of the invention in for which we have executed an application for a Patent of the United States
which is executed on even date herewith or
which is identified by Jones Day docket no. 9516-895-888
which was filed on October 9, 2009, Application No. 61/250,421
We hereby authorize and request attorney(s), , at Jones Day, to insert here in parentheses (Application number, filed) the filing date and application number of said application when known.
and WHEREAS, Celgene Corporation, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
Date October 21 , 2010 Instancy of Frank L.S. State of New Jersey)
State of New Jersey SS.: County of Union State of Union
WITNESS my hand and official seal
DENISE ERRIGO ID # 2372876 NOTARY PUBLIC OF NEW JERSEY Commission Expires 4/24/2013 Page 1 of 2
SDI-21829vI PATENT

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WHEREAS, WE, Anthony J. Frank, residing at 139 Clover Hollow Road, Easton, PA 18045, Hon-wan Man, residing at 27 Grant Way, Princeton, NJ 08540, Chuangseng Ge, residing at 9 Breckenridge Court, Belle Mead, NJ 08502, and Manohar Saindaine, residing at 20 Arbutus Way, Monmouth Junction, NJ 08852, ASSIGNORS, citizens of the United States, are the inventors of the invention in for which we have executed an application for a Patent of the United States
☐ which is executed on ☐ even date herewith or ☐
which is identified by Jones Day docket no. <u>9516-895-888</u>
which was filed on October 9, 2009, Application No. 61/250,421
We hereby authorize and request attorney(s), , at Jones Day, to insert here in parentheses (Application number, filed) the filing date and application number of said application when known.
and WHEREAS, Celgene Corporation, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
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	which is executed on even date herewith or
(X)	which is identified by Jones Day docket no. 9516-895-888
X	which was filed on October 9, 2009, Application No. 61/250,421
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ASS Unit there appl Unit State inter indu	NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said SIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said SIGNOE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said ted States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted eon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all lications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the ted States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United es application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other rnational agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
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	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
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AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
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IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
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personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
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Page 2 of 2

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RECORDED: 03/13/2013