PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2797865

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
GONDI KUMAR	02/07/2014
HON-WAH MAN	02/21/2014
ROGER S.C. CHEN	02/11/2014
GEORGE W. MULLER	02/06/2014
ANTHONY J. FRANK	02/07/2014

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:	13346455

CORRESPONDENCE DATA

Fax Number: (858)314-1150

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 858-314-1200

Email: cjhines@jonesday.com, MVdiaz@jonesday.com

Correspondent Name: JONES DAY

Address Line 1: 222 EAST 41ST STREET

Address Line 4: NEW YORK, NEW YORK 10017-6702

ATTORNEY DOCKET NUMBER:	12827-079-999
NAME OF SUBMITTER:	CARRIE J. HINES
SIGNATURE:	/Carrie J. Hines/
DATE SIGNED:	04/02/2014

Total Attachments: 8

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502751269 PATENT REEL: 032587 FRAME: 0592



PATENT REEL: 032587 FRAME: 0593

WHEREAS, WE. Gondi KUMAR, citizen of the United States, having a mailing address of 31 Landau Road, Basking Ridge, NJ 07920, residing at Basking Ridge, NJ; Hon-Wah MAN, citizen of the United States, having a mailing address of 27 Grant Way, Princeton, NJ 08540, residing at Princeton, NJ: Roger S.C. CHEN, citizen of the United States, having a mailing address of 110 Christie Street, Edison, NJ 08820, residing at Edison, NJ; George W. MULLER, citizen of the United States, having a mailing address of P.O. Box 3688, Rancho Santa Fe, CA 92067, residing at Rancho Santa Fe, CA: and Anthony J. FRANK, citizen of the United States, having a mailing address of 139 Clover Hollow Road, Easton, PA 18045, residing at Easton, PA, ASSIGNORS, are the inventors of the invention in PHENETHYLSULFONE ISOINDOLINE DERIVATIVES AND THEIR USE for which we have executed an application for a Patent of the United States

- Which was filed on January 9, 2012. Application No. 13/346,455

and WHEREAS, CELGENE CORPORATION, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 86 Morris Avenue, Summit, NJ 07901, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, for 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 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 all right to sue for infringement including past infringement.

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	Feb C7	. 2014	Gondi KUMAR	1S
Date		. 2014	Hon-Wah MAN	L.S
Date		. 2014	Roger S.C. CHEN	L.S
Date		. 2014	George W. MULLER	IS.
Date		. 2014	Anthony J. FRANK	L.S.

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- which is identified by Jones Day docket no. 12827-079-999

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Date	, 2014	Gondi KUMAR	L.S
Date 21 Feb	, 2014	Hon-Wah MAN	L.S
Date	, 2014	Roger S.C. CHEN	L.S
Date	, 2014	George W. MULLER	L.S
Date	, 2014	Anthony J. FRANK	L.S

PATENT REEL: 032587 FRAME: 0595

WHEREAS, WE, Gondi KUMAR, citizen of the United States, having a mailing address of 31 Landau Road, Basking Ridge, NJ 07920, residing at Basking Ridge, NJ; Hon-Wah MAN, citizen of the United States, having a mailing address of 27 Grant Way, Princeton, NJ 08540, residing at Princeton, NJ; Roger S.C. CHEN, citizen of the United States, having a mailing address of 110 Christie Street, Edison, NJ 08820, residing at Edison, NJ; George W. MULLER, citizen of the United States, having a mailing address of P.O. Box 3688, Rancho Santa Fe, CA 92067, residing at Rancho Santa Fe, CA; and Anthony J. FRANK, citizen of the United States, having a mailing address of 139 Clover Hollow Road, Easton, PA 18045, residing at Easton, PA, ASSIGNORS, are the inventors of the invention in PHENETHYLSULFONE ISOINDOLINE DERIVATIVES AND THEIR USE for which we have executed an application for a Patent of the United States

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Date		, 2014	Gondi KUMAR	L.S.
Date		, 2014	Hon-Wah MAN	L.S.
Date	2/11	, 2014	Roger S.C. CHEN	L.S.
Date		, 2014	George W. MULLER	L.S.
Date		, 2014	Anthony J. FRANK	L.S.

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Date	, 2014	Goadi KUMAR	L.S.
Date	, 2014	Hon-Wah MAN	L.S.
Date	, 2014	Roger S.C. CHEN	L.S.
Dale February 6.	. 2014	George W. MULLER	L.S.
Date	2014	Anthony J. FRANK	L.S.

PATENT REEL: 032587 FRAME: 0597

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Date,	2014	Hon-Wah MAN	_ L.S
Date ,	2014	Roger S.C. CHEN	_ L.S
Date,	2014	George W. MULLER	_ L.S
Date C7FFB 2014 ,	2014	Anthony J. FRANK	_ L.S.

STATE OF NEW JETSEY	2	·
COUNTY OF UNION)	
On Feb 7 2014 before me, proved to me on the basis of satisfactory evidence to be the me that he/she/they executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executed the same in his/her/their author the entity upon behalf of which the person(s) acted the same in his/her/their author the entity upon behalf of which the person (s) acted the same in his/her/their author the entity upon behalf of which the person (s) acted the same in his/her/their author the entity upon behalf of which the person (s) acted the same in his/her/their author the entity upon behalf of which the person (s) acted the same in his/her/their author the same in his/her/thei	e person(s) whose name(s) is/are subscribed to orized capacity(ies), and that by his/her/their si	personally appeared Gondi KUMAR, who the within instrument and acknowledged to gnature(s) on the instrument the person(s),
WITNESS my kand and official seal.		
Signature	(Seal)	
STATE OF NEW TUSLY COUNTY OF VINION	Commiss Notary Public, My Comm	CESINGE sion # 2378059 State of New Jerse hission Expires ber 17, 2018
On 72021 2014 before me, proved to me on the basis of satisfactory evidence to be the me that he/she/they executed the same in his/her/their author the entity upon behalf of which the person(s) acted, executively.	person(s) whose name(s) is/are subscribed to to prized capacity(ies), and that by his/her/their signal.	personally appeared Hon-Wah MAN, who he within instrument and acknowledged to gnature(s) on the instrument the person(s),
WITNESS my hand and official seal.		
Signature	(Seal)	
STATE OF NEW JEYSEY COUNTY OF MICHELESEX	INEIC Commisc. S Notary Public. S My Commi Septemb	ESINGE on # 2378059 tate of New Jerss ssion Expires er 17, 2018
On February 1147 2014 before me, Nine who proved to me on the basis of satisfactory evidence to be acknowledged to me that he/she/they executed the same in instrument the person(s), or the entity upon behalf of which WITNESS my hand and official seal.	e the person(s) whose name(s) is/are subscribed his/her/their authorized capacity(ies), and that h	personally appeared Roger S.C. CHEN, it to the within instrument and by his/her/their signature(s) on the

STATE OF CALIFORNIA		.)	
COUNTY OF San Diego	•	, and the second se	
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On February 6, 2014 MULLER, who proved to me on the tacknowledged to me that he/she/they e instrument the person(s), or the entity in the second of the sec	ACCURED THE NAME IN DISCORT	incic biiinactous canacidus	tary Public, personally appeared George W. name(s) is/are subscribed to the within instrument and s), and that by his/her/their signature(s) on the instrument.
I certify under PENALTY OF PERJUI	RY under the laws of the Sta	te of California that the for	egoing paragraph is true and correct.
WITNESS my hand and official seal.			
Signature Sept. T. M.C.	Mongh	(Scal)	JAYNE R. MCCULLOUGH Commission # 1932504 Notary Public - California San Diego County
STATE OF)	My Comm. Expires Apr 14, 2015
COUNTY OF)).	
who proved to me on the basis of satisfi acknowledged to me that he/she/they ex- instrument the person(s), or the entity u	COULCO DIC SAME IN HIS/her/H	heir Billhamzed canacity inc	ary Public, personally appeared Anthony J. FRANK, e subscribed to the within instrument and i), and that by his/her/their signature(s) on the instrument.
WITNESS my hand and official scal.			
Signature		(Scal)	
ACCEPTED AND AGREED TO BY A	SSIGNEE, CELGENE CO	RPORATION:	
Signature		Date:	· · · · · · · · · · · · · · · · · · ·
Printed name			
Title	······································	Principle of the control of the cont	

STATE OF CALIFORNIA)	
COUNTY OF	-		
On	executed the same in his/her/th	, Notary Public, personally appear to be the person(s) whose name(s) is/are subscribed to the serious authorized capacity(ies), and that by his/her/their sion(s) acted, executed the instrument.	red George W. the within instrument and ignature(s) on the
I certify under PENALTY OF PERJU	RY under the laws of the State	of California that the foregoing paragraph is true and	согтест.
WITNESS my hand and official seal.			
Signature		(Seal)	
STATE OF		`	
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COUNTY OF	•)	
On who proved to me on the basis of satis acknowledged to me that he/she/they e instrument the person(s), or the entity	executed the same in his/her/th	Notary Public, personally appearson(s) whose name(s) is/are subscribed to the within in eir authorized capacity(ies), and that by his/her/their sion(s) acted, executed the instrument.	red Anthony J. FRANK, strument and ignature(s) on the
WITNESS my hand and official seal.			
Signature		(Seal)	
	\sim		
ACCEPTED AND AGREED TO BY	ASSIGNATE, CELGENE CO	RPORATION:	
Signature	Kla	Date: 3/4/2014	
Printed name Perky K	alsen		
Title EVP Chief	operations o	Sticer	

Page 3 of 3