PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3260014

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL D. THOMPSON	08/28/2013
JUNG MIN PARK	08/26/2013
MICHAEL P. AREND	08/27/2013

RECEIVING PARTY DATA

Name:	FIBROGEN, INC.
Street Address:	409 ILLINOIS STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94158

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US2013050538

CORRESPONDENCE DATA

Fax Number: (650)815-2601

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: 6508152600

Email: ccarter@smrh.com

Correspondent Name: SHEPPARD MULLIN RICHTER & HAMPTON LLP

Address Line 1: 379 LYTTON AVENUE LORNA TANNER

Address Line 4: PALO ALTO, CALIFORNIA 94301

ATTORNEY DOCKET NUMBER:	19TF-191825-WO
NAME OF SUBMITTER:	LORNA L. TANNER
SIGNATURE:	/Lorna L. Tanner/
DATE SIGNED:	03/11/2015

Total Attachments: 6

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> PATENT REEL: 035136 FRAME: 0139

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 by these presents hereby sells, assigns, and transfers, unto

FibroGen, Inc. 409 Illinois Street San Francisco, California 94158

(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

PROCESS FOR MAKING ISOQUINOLINE COMPOUNDS

as set forth i	n this United States Patent Application	
check one	[] executed concurrently herewith,	
	[] executed on	Filed July 15, 2013

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; 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.

Page 1 of 3

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, improvements, and modifications 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, improvements, and modifications 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 Foley & Lardner 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 Foley & Lardner 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 28 day of August	, 20 <u>13</u>
	- garathir
	MICHAEL D. THOMPSON
Executed this 26 day of August	, 20 <u>_/3</u> .
	THE Pak
•	JUNG MIN PARK
Executed this 27 day of AV6V5T	, 20 <u>_1^3</u> .
	Aun
	MICHAEL P. AREND

County of San Francisco	
On August 28, 2013 before me,1	FAGE D. KNOWLES NOTHING Public.
personally appearedMichael_	1. Thompson
personally appeared	Name(s) of Signer(s)
FAYE D. KNOWLES Commission # 2020459 Notary Public - California San Francisco County My Comm. Expires Apr 18, 2017	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/spe/they executed the same in his/her/their authorized capacity(iee), 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.
Though the information below is not required and could prevent fraudulent remo Description of Attached Document	Signature: Signature of Notaby-Public PTIONAL by law, it may prove valuable to persons relying on the document oval and reattachment of this form to another document.
Though the information below is not required and could prevent fraudulent remo Description of Attached Document Title or Type of Document:	Signature: Signature of Notaby-Public PTIONAL by law, it may prove valuable to persons relying on the document wal and reattachment of this form to another document.
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State of California	
County of <u>San Francisco</u>	
On August 26, 2013 before me, 17	AGE D. Knowles, Notary Public.
personally appeared Jung Mu	Here Insert Name and Tifle of the Officer Visual V
personally appeared <u>July 1/14</u>	Name(s) of Signer(s)
	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 be/she/they executed the same in his/her/their authorized capacity(jes), and that by
	his/her/theif signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
FAYE D. KNOWLES Commission # 2020459 Notary Public - California San Francisco County	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
My Comm. Expires Apr 18, 2017 Place Notary Seal Above	WITNESS my hand and official seal. Signature: Out D. Omoules
	TIONAL - Garage of House, Films
and could prevent fraudulent removal	law, it may prove valuable to persons relying on the document I and reattachment of this form to another document.
Description of Attached Document	
Title or Type of Document:	N to D
Document Date:	Number of Pages:
Signer(s) Uther I han Named Above:	
Cinner's Name:	Simor's Nome
Corporate Officer — Title(s):	☐ Corporate Officer — Title(s):
☐ Individual	□ Individual
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact	☐ Attorney in Fact
□ Trustee	☐Trustee
☐ Guardian or Conservator	☐ Guardian or Conservator
□ Other:	☐ Other:

Title or Type of Document: Document Date: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Individual Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:	Signer Is Representing:

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State of California	ì	
County of San Francisco		
On August 27,2013 before me, Fi	798 D. Kniewles Notarca Dublic	
personally appeared Michael P. QVAQ Name(s) of Signer(s)		
	who proved to me on the basis of satisfactor evidence to be the person(s) whose name(s) is/ar subscribed to the within instrument and acknowledge to me that he/she/thery executed the same i his/her/their authorized capacity(ies), and that b his/her/their signature(s) on the instrument th person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.	
FAYE D. KNOWLES Commission # 2020459 Notary Public - California San Francisco County	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoin paragraph is true and correct.	
My Comm. Expires Apr 18, 2017	WITNESS my hand and official seal.	
Place Notary Seal Above	Signature: GUF W. CWOWLS	
OP	TIONAL	
I hough the information below is not required by and could prevent fraudulent removal	law, it may prove valuable to persons relying on the document and reattachment of this form to another document.	
Description of Attached Document		
Title or Type of Document:		
Document Date:	Number of Pages:	
Signer(s) Other Than Named Above:		
Capacity(les) Claimed by Signer(s)		
Signer's Name:	Signer's Name:	
☐ Corporate Officer — Title(s):	☐ Corporate Officer — Title(s):	
□ Individual	☐ Individual	
☐ Partner — ☐ Limited ☐ General	☐ Partner — ☐ Limited ☐ General	
☐ Attomey in Fact	☐ Attorney in Fact	
☐ Trustee	☐ Trustee	
☐ Guardian or Conservator	☐ Guardian or Conservator	
U Other:	Other:	
Signer Is Representing:	Number of Pages: Signer's Name: Corporate Officer — Title(s): Individual Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:	

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RECORDED: 03/11/2015