

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5665778

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHENGKANG ZHANG	09/19/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PROPAGENIX INC.
<b>Street Address:</b>	9605 MEDICAL CENTER DRIVE
<b>City:</b>	ROCKVILLE
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20850
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16525999
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)623-3224
<i>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.</i>	
<b>Phone:</b>	858-623-3240
<b>Email:</b>	awilliamson@grantip.com
<b>Correspondent Name:</b>	ALEXANDRA WILLIAMSON
<b>Address Line 1:</b>	2385 CAMINO VIDA ROBLE
<b>Address Line 4:</b>	CARLSBAD, CALIFORNIA 92011
<b>ATTORNEY DOCKET NUMBER:</b>	PPG-2002-CT2
<b>NAME OF SUBMITTER:</b>	KARI A. DICKINSON
<b>SIGNATURE:</b>	/Kari A. Dickinson/
<b>DATE SIGNED:</b>	08/13/2019
<b>Total Attachments: 3</b>	
source=PPG-2002-CT2 Assignment_ZHANG_from parent#page1.tif	
source=PPG-2002-CT2 Assignment_ZHANG_from parent#page2.tif	
source=PPG-2002-CT2 Assignment_ZHANG_from parent#page3.tif	

**ASSIGNMENT AND AGREEMENT**

WHEREAS, Chengkang ZHANG of 19013 Marksburg Court, Germantown, Maryland, 20874, United States of America; (hereinafter referred to singly and collectively as "Assignor") has invented a certain invention entitled **EX VIVO PROLIFERATION OF EPITHELIAL CELLS** for which United States Utility Patent Application No. 15/258,751 was filed on September 7, 2016; and International Application No. PCT/US2016/050496 was filed on September 7, 2016; and

*CK, 12/05/2016*  
WHEREAS, Propagenix, Inc. a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at 9605 Medical Center Drive, Suite 305, Rockville, Maryland, 20850 (hereinafter referred to as "Assignee") is desirous of acquiring the entire interest therein;

*325 CK, 12/05/2016*  
NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto Assignee, its successors, assigns and nominees, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application(s) and all other applications for patent and patents in any and all countries and jurisdictions for the above-identified invention or inventions and all improvements and modifications thereof, (c) all patents which may issue from said applications in any country or jurisdiction, (d) all divisions, continuations, reissues, and extensions of said applications and patents, and (e) the right to claim for any of said applications the full benefits and rights to priority resulting from filing any of the applications, including, without limitation, 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, assigns and nominees, to the full end of the term or terms for which any and all such patents 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 and requests any official whose duty it is to issue patents to issue any patent on said invention, or improvement or modification thereof, or resulting therefrom, to Assignee as assignee of the entire interest, or its successors, assigns or nominees.

Assignor hereby agrees (a) to communicate to Assignee, its successors and assigns, or their representatives or agents, all facts and information known or available to Assignor respecting said invention or inventions, improvements, and modifications, including, without limitation, 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, declarations, depositions; and (d) to provide all reasonable assistance to Assignee, its successors, assigns and nominees, 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.

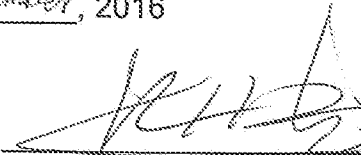
Assignor hereby represents and warrants that (a) Assignor has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein to Assignee; (b) Assignor has no obligation to sell, assign or transfer any right, title or interest herein to an entity other than Assignee; (c) that Assignor has not executed and will not execute any document or instrument in conflict herewith; (d) no consents of any other parties are necessary or appropriate under any agreements regarding the inventions, applications or patents described above for the assignment of Assignor's entire right, title and interest herein to be legally effective; and (e) to the best of Assignor's knowledge, upon consummation of this Agreement, Assignee will have good and marketable title to the inventions, applications and patents described above, free and clear of any and all encumbrances, pledges, security interests, licenses or charges of any nature whatsoever.

Assignor hereby grants to the law firm of Grant IP, Inc. 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 Grant IP, Inc. 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.

[INTENTIONALLY LEFT BLANK]

Executed this 19 day of September, 2016

  
\_\_\_\_\_  
Chengkang ZHANG

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.

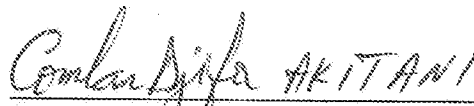
STATE OF MARYLAND

) ss:  
COUNTY OF MONTGOMERY)

On this 19<sup>th</sup> day of September 2016, before me, COMLAN DJIFA AKITANI, Notary Public, personally appeared Chengkang Zhang 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 Maryland that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Notary Public in and for said County and State

(Seal)

My Commission Expires: 4-6-2020



COMLAN DJIFA AKITANI  
NOTARY PUBLIC  
FREDERICK COUNTY  
MARYLAND  
My Commission Expires 4-6-2020