504985320 06/29/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5032066

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY	DATA			
		Name	Execution Date	
KANG ZHANG			04/27/2018	
	ΟΑΤΑ			
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Application Number:		15910857		
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Address Line 4: ATTORNEY DOCKET	NUMBER:	PALO ALTO, CALIFORNIA 94304		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE	NUMBER:	PALO ALTO, CALIFORNIA 94304 49697-715.201		
	NUMBER:	PALO ALTO, CALIFORNIA 94304 49697-715.201 LORI FORD		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED: Total Attachments: 2	NUMBER: R:	PALO ALTO, CALIFORNIA 94304 49697-715.201 LORI FORD /Lori Ford/ 06/29/2018		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED: Total Attachments: 2 source=49697-715.201	NUMBER: R: Assignmen	PALO ALTO, CALIFORNIA 94304 49697-715.201 LORI FORD /Lori Ford/		

PATENT ASSIGNMENT

WHEREAS, the undersigned:

 Kang ZHANG 14329 San Dieguito Road San Diego, CA 92130

(hereinafter "Inventor(s)"), have invented certain new and useful improvements in

METHYLATION MARKERS FOR DIAGNOSING HEPATOCELLULAR CARCINOMA AND LUNG CANCER

for which application serial number <u>15/910.857</u> was filed on <u>March 2, 2018</u> in the United States Patent and Trademark Office; (hereinafter, "Application(s)"). The term "Application(s)" also includes all patent applications that share or claim priority to or from the above application(s).

WHEREAS, The Regents of the University of California, a corporation incorporated in the State of California, having a place of business at 1111 Franklin Street, 12th Floor. Oakland, CA 94607-5200, (hereinafter "Assignce"), is desirous of acquiring the entire right, title and interest in and to said Application(s), and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise (hereinafter "Patent(s)").

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions; (b) in and to said Applications, including the right to claim priority to and from said Application(s); (c) in and to each and every application that is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); (d) in and to said Patent(s) and each and every patent issuing or reissuing from any of the foregoing; (e) in and to each and every reissue, reexamination, renewal or extension of any kind of any of the foregoing; (f) in and to each and every patent and application filed outside the United States and corresponding to any of the foregoing; and (g) in and to all claims for past, present and future infringement of the Patent(s), including all rights to sue for and to receive and recover for Assignee's own use all past, present, and future lost profits, royalties, and damages of whatever nature recoverable from an infringement of the Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that reasonable expenses incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant, represent and covenant that said Inventor(s) have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

6. This instrument will be interpreted and construed in accordance with the laws of the State of California, without regard to conflict of law principles. If any provision of this instrument is found to be illegal or unenforceable, the other provisions shall remain effective and enforceable to the greatest extent permitted by law. This instrument may be executed in counterparts, each of which is deemed an original, but all of which together constitute one and the same agreement.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignce as of the dates written below:

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PATENT ASSIGNMENT Docket Number 49697-715.201 .2018 Date: Kang 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 truthlininess, accuracy, or validity of that document. State of California County of rego <u>Frina Slama</u> 201 before me, On Nothry Public Here Inseri Name and Title of the Officer personally appeared Kang ZHANG Name(s) of Signer(s) who proved to me on the basis of satisfactory evidence to be the person(a) whose name (a give subscribed to the within instrument and acknowledged to me that (d) sherthey executed the same in (d) shertheir authorized capacity (ise), and that by (n) in the instrument the person(o), or the entity upon behalf of which the person(r) 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. TRINA SLAMA Notary Public - California WITNESS my hand. San Diego County Commission # 2213782 My Comm. Explies Oct 7, 2021 Signiture Signature of Notary Public Place Notary Scal Above RECEIVED AND AGREED TO BY ASSIGNEE: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA Date: June 29, 2018 Signature: Name: Shihong Nicolaou Title: Intellectual Property Manager

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RECORDED: 06/29/2018