

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Susanne M. Gollin</td> <td>12/09/2009</td> </tr> <tr> <td>Rahul Atul Parikh</td> <td>01/12/2010</td> </tr> <tr> <td>Xin Huang</td> <td>12/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Susanne M. Gollin	12/09/2009	Rahul Atul Parikh	01/12/2010	Xin Huang	12/09/2009				
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<table border="1"> <tr> <td>Name:</td> <td>Univeristy of Pittsburgh - of the Commonwealth System of Higher Education</td> </tr> <tr> <td>Street Address:</td> <td>200 Gardner Steel Conference Center</td> </tr> <tr> <td>Internal Address:</td> <td>Thackeray & O'Hara Streets</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15260</td> </tr> </table>		Name:	Univeristy of Pittsburgh - of the Commonwealth System of Higher Education	Street Address:	200 Gardner Steel Conference Center	Internal Address:	Thackeray & O'Hara Streets	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15260
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(212)259-2482												
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
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Address Line 4:	New York, NEW YORK 10112-4498												
ATTORNEY DOCKET NUMBER:	072396.0480												
NAME OF SUBMITTER:	Lillian Garcia												

CH \$40.00 13407165

Total Attachments: 4

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ASSIGNMENT

WHEREAS, WE, **SUSANNE M. GOLLIN**, a citizen of the United States, having a post office address at 1216 Heberton St., Pittsburgh, PA 15206; **RAHUL ATUL PARIKH**, a citizen of India, having a post office address at 8405 Guarino Road, Pittsburgh, PA 15217; and **XIN HUANG**, a citizen of China, having a post office address at 170 Guckert Lane, Wexford, PA 15090 (hereinafter "ASSIGNORS"), have made an invention entitled "**GENETIC CHANGES IN ATM AND ATR/CHEK1 AS PROGNOSTIC INDICATORS IN CANCER**" as set forth and described in U.S. Patent Application Serial No. 12/586,052, filed September 15, 2009; U.S. Provisional Patent Application Serial No. 60/908,891, filed March 29, 2007; U.S. Provisional Patent Application Serial No. 60/912,086, filed April 16, 2007; U.S. Provisional Patent Application No. 60/912,355, filed April 17, 2007; and U.S. Patent Application Serial No. 12/079,900, filed March 28, 2008.

WHEREAS, **University of Pittsburgh - Of the Commonwealth System of Higher Education** (hereinafter "ASSIGNEE"), a non-profit corporation, organized and existing under the laws of the Commonwealth of Pennsylvania, having an office at **200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, Pennsylvania 15260**, is desirous of acquiring the entire right, title and interest in and to said applications for Letters Patent, and any continuations, divisions, extensions, substitutions, reissues and reexaminations thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said **ASSIGNORS**, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said **ASSIGNEE**, and other valuable considerations unto us moving from said **ASSIGNEE**, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said **ASSIGNEE**, its successors and assigns, the entire right, title and interest in and to the said invention entitled "**GENETIC CHANGES IN ATM AND ATR/CHEK1 AS PROGNOSTIC INDICATORS IN CANCER,**" and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, **TO HAVE AND TO HOLD THE SAME** to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said **ASSIGNORS**, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said **ASSIGNEE**, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **ASSIGNEE**, its successors and assigns;

AND WE, the said **ASSIGNORS**, for the considerations aforesaid, do hereby covenant and agree to and with said **ASSIGNEE**, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or

right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said ASSIGNEE, its successors and assigns, may be required or necessary more effectively to secure to and vest in said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, the said ASSIGNORS have hereunto set our hand and seal on the dates below written.


SUSANNE M. GOLLIN

STATE OF Pennsylvania
:SS:
COUNTY OF Allegheny

BE IT KNOWN, that on this 9th day of December, 2009, before me personally came **SUSANNE M. GOLLIN**, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.


Notary Public

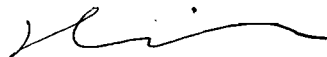
COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Carla D. Crawford, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires Sept. 1, 2013
Member, Pennsylvania Association of Notaries

RAHUL ATUL PARIKH

STATE OF)
:SS:
COUNTY OF)

BE IT KNOWN, that on this _____ day of _____, 2009, before me personally came **RAHUL ATUL PARIKH**, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

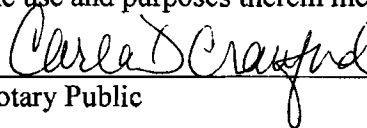
Notary Public



XIN HUANG

STATE OF *Pennsylvania*
:SS:
COUNTY OF *Allegheny*

BE IT KNOWN, that on this 9th day of December, 2009, before me personally came **XIN HUANG**, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.



Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Carla D. Crawford, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires Sept. 1, 2013
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