

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>John C. March</td> <td>01/05/2010</td> </tr> <tr> <td>Faping Duan</td> <td>01/05/2010</td> </tr> </tbody> </table>		Name	Execution Date	John C. March	01/05/2010	Faping Duan	01/05/2010						
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Cornell University</td> </tr> <tr> <td>Street Address:</td> <td>395 Pine Tree Road, Suite 310</td> </tr> <tr> <td>Internal Address:</td> <td>Cornell Center for Technology, Enterprise & Commercialization</td> </tr> <tr> <td>City:</td> <td>Ithaca</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>14850</td> </tr> </table>		Name:	Cornell University	Street Address:	395 Pine Tree Road, Suite 310	Internal Address:	Cornell Center for Technology, Enterprise & Commercialization	City:	Ithaca	State/Country:	NEW YORK	Postal Code:	14850
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CORRESPONDENCE DATA													
<p>Fax Number: (315)425-9114 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 315-425-9000 Email: ASchneiderman@cny-iplaw.com Correspondent Name: Marjama Muldoon Blasiak & Sullivan LLP Address Line 1: 250 South Clinton St. Suite 300 Address Line 4: Syracuse, NEW YORK 13202-1263</p>													
ATTORNEY DOCKET NUMBER:	1258_4291PRO_PCT												
NAME OF SUBMITTER:	Anne M. Schneiderman												
<p>Total Attachments: 2 source=Assignment_1258_4291PRO_PCT#page1.tif</p>													

CH \$80.00 61043426

501078328

PATENT
REEL: 023862 FRAME: 0633

JOINT ASSIGNMENT

WHEREAS, We, **JOHN C. MARCH**, a citizen of the United States, residing at 208 Dey Street, Ithaca, NY 14850, and **FAPING DUAN**, a citizen of China, residing at 134 Graham Road, Apt. #4B6, Ithaca, NY 14850, have invented certain new and useful improvements in:

**COMMENSAL BACTERIA AS SIGNAL MEDIATORS
WITHIN A HUMAN HOST**

and further identified by Attorney Docket Number 1258_4291PRO.

- ☐ for which the undersigned has executed an application for patent in the United States of America on _____ and transmitted herewith.
- ☒ which application for patent was filed on April 9, 2008 and has been assigned Serial No. 61/043,426 by the United States Patent and Trademark Office.

and

**COMMENSAL BACTERIA AS SIGNAL MEDIATORS
WITHIN A MAMMALIAN HOST**

and further identified by Attorney Docket Number 1258_4291PCT.

- ☐ for which the undersigned has executed an application for patent in the United States of America on _____ and transmitted herewith.
- ☒ which application for patent was filed on April 8, 2009 and has been assigned Serial No. PCT/US09/39923 by the United States Patent and Trademark Office.

AND WHEREAS, **Cornell University**, with its principal place of business at **Cornell Center for Technology, Enterprise & Commercialization ("CCTEC")**, 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Applications:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Cornell University**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said applications and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Cornell University**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Cornell University**, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Cornell University**, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

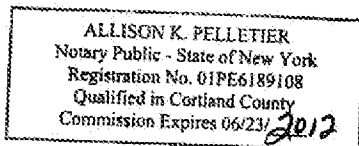
Each of the undersigned hereby grants to any duly empowered legal representative, including specifically all patent practitioners associated with the Customer No. **20874**, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

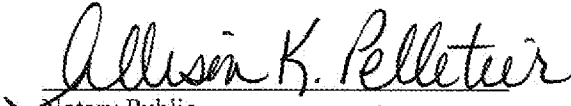
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of January, ~~2009~~ 2010


John C. March

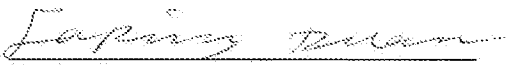
STATE OF New York
COUNTY OF Tompkins SS:

This 5th day of January, ~~2009~~ 2010, before me personally came the above-named **John C. March**, to me personally known as the individual who executed the same of his own free will for the purposes therein set forth.



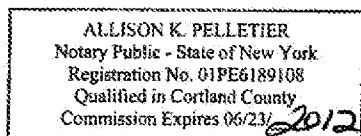

Notary Public
Commission expires on 6/23/2012

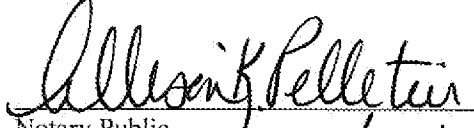
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of January, ~~2009~~ 2010


Faping Duan

STATE OF New York
COUNTY OF Tompkins SS:

This 5th day of January, ~~2009~~ 2010, before me personally came the above-named **Faping Duan**, to me personally known as the individual who executed the same of his own free will for the purposes therein set forth.




Notary Public
Commission expires on 6/23/2012