

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Benjamin S. Harrison</td> <td>09/28/2009</td> </tr> <tr> <td>James J. Yoo</td> <td>10/29/2009</td> </tr> <tr> <td>Anthony Atala</td> <td>10/29/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Benjamin S. Harrison | 09/28/2009 | James J. Yoo | 10/29/2009 | Anthony Atala | 10/29/2009 | | |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Wake Forest University Health Sciences</td> </tr> <tr> <td>Street Address:</td> <td>Medical Center Blvd.</td> </tr> <tr> <td>City:</td> <td>Winston-Salem</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>27157</td> </tr> </table> | | Name: | Wake Forest University Health Sciences | Street Address: | Medical Center Blvd. | City: | Winston-Salem | State/Country: | NORTH CAROLINA | Postal Code: | 27157 |
| Name: | Wake Forest University Health Sciences | | | | | | | | | | |
| Street Address: | Medical Center Blvd. | | | | | | | | | | |
| City: | Winston-Salem | | | | | | | | | | |
| State/Country: | NORTH CAROLINA | | | | | | | | | | |
| Postal Code: | 27157 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12532520</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12532520 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 12532520 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (919)854-1401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 919-854-1400 Email: sabraham@myersbigel.com Correspondent Name: MYERS BIGEL SIBLEY & SAJOVEC Address Line 1: PO BOX 37428 Address Line 4: RALEIGH, NORTH CAROLINA 27627</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 9151-66 | | | | | | | | | | |
| NAME OF SUBMITTER: | Sarah Abraham | | | | | | | | | | |
| <p>Total Attachments: 5 source=9151-66_Asg_12532520#page1.tif source=9151-66_Asg_12532520#page2.tif</p> | | | | | | | | | | | |

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Benjamin S. Harrison**, a citizen of the United States of America, residing at 9726 Reynolda Road, Tobaccoville, North Carolina 27050; **James J. Yoo**, a citizen of the United States of America, residing at 185 Cedar Trail, Winston Salem, North Carolina 27104; and **Anthony Atala**, a citizen of the United States of America, residing at 345 N. Stratford Road, Winston-Salem, North Carolina 27104;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **OXYGEN-GENERATING COMPOSITIONS FOR ENHANCING CELL AND TISSUE SURVIVAL IN VIVO**, for which U.S. Provisional Application No. 60/910,686 was filed on April 9, 2007; International PCT Application PCT/US2008/004502 was filed on April 8, 2008; and for which U.S. Application No. 12/532,520 was filed in the United States Patent and Trademark Office; and

WHEREAS, **Wake Forest University Health Sciences**, an educational institution organized and existing under and by virtue of the laws of the state of North Carolina and engaged in business at Medical Center Blvd., Winston-Salem, North Carolina 27157, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application(s), and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

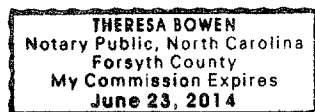
We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.


IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 28th day of September, 2009.

 (SEAL)
BENJAMIN S. HARRISON

STATE OF NORTH CAROLINA)
)
COUNTY OF FORSYTH)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 28th day of September, 2009.

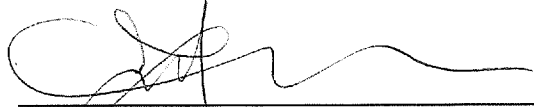



Notary Public

SEAL

My Commission Expires: June 23, 2014

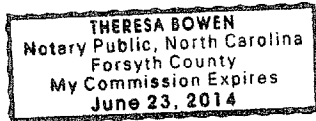
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29th day of October, 2009.

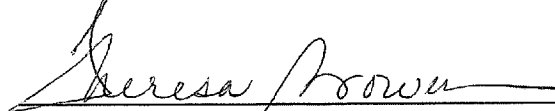


JAMES J. YOO (SEAL)

STATE OF NORTH CAROLINA)
)
COUNTY OF FORSYTH)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 29th day of October, 2009.





Notary Public

SEAL

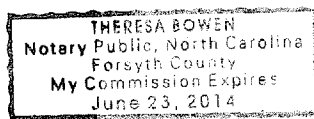
My Commission Expires: June 23, 2014

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 29th day of October, 2009.

 (SEAL)
ANTHONY ATALA

STATE OF NORTH CAROLINA)
)
COUNTY OF FORSYTH)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 29th day of October, 2009.




Notary Public

SEAL

My Commission Expires: June 23, 2014

IN WITNESS WHEREOF, **Wake Forest University Health Sciences**, by signature below on this 4 day of November, 2009, hereby acknowledges and accepts receipt of this Assignment. The undersigned warrants and represents that he/she has the authority to sign this Assignment on behalf of the Assignee.

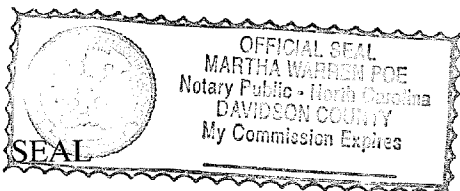
By: Michael Batalia (SEAL)

Printed Name: Michael Batalia

Title: Director

STATE OF NORTH CAROLINA)
COUNTY OF FORSYTH)

Before me personally appeared the person described in and who executed the foregoing instrument, and he/she acknowledged to me that he/she executed the same for the purposes therein stated, this 4th day of November, 2009.



Martha Warren Poe
Notary Public

My Commission Expires: 1-23-2010

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