

## PATENT ASSIGNMENT COVER SHEET

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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>PAULA J BATES</td> <td>01/22/2014</td> </tr> <tr> <td>MOHAMMAD TARIQ MALIK</td> <td>01/22/2014</td> </tr> <tr> <td>KYUNG A KANG</td> <td>01/24/2014</td> </tr> </tbody> </table>		Name	Execution Date	PAULA J BATES	01/22/2014	MOHAMMAD TARIQ MALIK	01/22/2014	KYUNG A KANG	01/24/2014
Name	Execution Date								
PAULA J BATES	01/22/2014								
MOHAMMAD TARIQ MALIK	01/22/2014								
KYUNG A KANG	01/24/2014								
RECEIVING PARTY DATA									
Name:	University of Louisville Research Foundation, Inc.								
Street Address:	201 E. Jefferson St., Ste 215								
Internal Address:	Med Center 3								
City:	Louisville								
State/Country:	KENTUCKY								
Postal Code:	40202								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14122617</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14122617				
Property Type	Number								
Application Number:	14122617								
CORRESPONDENCE DATA									
Fax Number:	(978)268-8715								
Phone:	312 876-1400								
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
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Address Line 4:	CHICAGO, ILLINOIS 60661								
ATTORNEY DOCKET NUMBER:	LOU01-026-US								
NAME OF SUBMITTER:	FRANK R. COZZI								

Signature:	/FRC/
Date:	02/27/2014
Total Attachments: 4 source=LOU01-026-US EXECUTED ASGN-BATES AND MALIK#page1.tif source=LOU01-026-US EXECUTED ASGN-BATES AND MALIK#page2.tif source=LOU01-026-US EXECUTED ASGN-KANG#page1.tif source=LOU01-026-US EXECUTED ASGN-KANG#page2.tif	

**ASSIGNMENT**

**WHEREAS**, Paula J. Bates, Mohammad Tariq Malik and Kyung A. Kang referred to as ASSIGNORS, have invented a certain invention entitled ANTI-NUCLEOLIN AGENT-CONJUGATED NANOPARTICLES, filed on November 26, 2013 (International Filing Date: June 1, 2012 and International Application No. PCT/US2012/040577) and assigned U.S. Application Serial No. 14/122,617.; and

**WHEREAS**, The University of Louisville Research Foundation, Inc., an academic institution organized and existing under the laws of the Commonwealth of Kentucky, with a principal place of business at Med Center 3, 201 E. Jefferson St., Ste 215, Louisville, KY 40202, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in, to and under said invention and the United States Letters Patent to be obtained therefore.

**NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:**

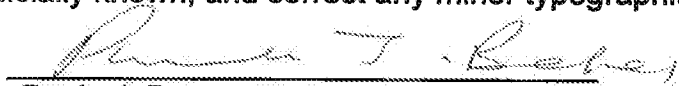
Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said applications or any non-provisional, continuation, division, renewal, substitute or reissue thereof as well as any and all provisional applications from which said applications claim priority for the full term or terms for which the same may be granted.

ASSIGNORS also assigns all of its rights, title, and interest in and to said invention, the worldwide right to file applications for Letters Patent for said invention, and all applications for Letters Patent for said invention, which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, said invention and said Letters Patent as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said applications, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known, and correct any minor typographical errors.

DATE 1-22-14

  
 \_\_\_\_\_  
 Paula J. Bates

DATE 1/22/14

  
 \_\_\_\_\_  
 Mohammad Tariq Malik

DATE \_\_\_\_\_

\_\_\_\_\_  
 Kyung A. Kang

STATE OF Kentucky )  
 ) ss.  
COUNTY OF Jefferson )

I, Caroline Wheat, a Notary Public in and for the County and State aforesaid, do hereby certify that Paula J. Bates, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 22 day of January, 2014.



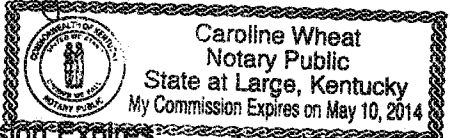
Caroline Wheat  
Notary Public

(SEAL)  
My Commission Expires: 5/10/14

STATE OF Kentucky )  
 ) ss.  
COUNTY OF Jefferson )

I, Caroline Wheat, a Notary Public in and for the County and State aforesaid, do hereby certify that Mohammad Tariq Malik, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 22 day of January, 2014.



Caroline Wheat  
Notary Public

(SEAL)  
My Commission Expires: 5/10/14

STATE OF )  
 ) ss.  
COUNTY OF )

I, \_\_\_\_\_, a Notary Public in and for the County and State aforesaid, do hereby certify that Kyung A. Kang, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this \_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public

(SEAL)  
My Commission Expires:

**ASSIGNMENT**

**WHEREAS**, Paula J. Bates, Mohammad Tariq Malik and Kyung A. Kang referred to as ASSIGNORS, have invented a certain invention entitled ANTI-NUCLEOLIN AGENT-CONJUGATED NANOPARTICLES, filed on November 26, 2013 (International Filing Date: June 1, 2012 and International Application No. PCT/US2012/040577) and assigned U.S. Application Serial No. 14/122,617.; and

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**NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:**

Be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, the ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said applications or any non-provisional, continuation, division, renewal, substitute or reissue thereof as well as any and all provisional applications from which said applications claim priority for the full term or terms for which the same may be granted.

ASSIGNORS also assigns all of its rights, title, and interest in and to said invention, the worldwide right to file applications for Letters Patent for said invention, and all applications for Letters Patent for said invention, which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, said invention and said Letters Patent as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said applications, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known, and correct any minor typographical errors.

DATE

\_\_\_\_\_

Paula J. Bates


DATE

\_\_\_\_\_

Mohammad Tariq Malik

DATE

01/24/14

  
Kyung A. Kang

STATE OF )  
 ) ss.  
COUNTY OF )

I, \_\_\_\_\_, a Notary Public in and for the County and State aforesaid, do hereby certify that Paula J. Bates, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this \_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:

STATE OF )  
 ) ss.  
COUNTY OF )

I, \_\_\_\_\_, a Notary Public in and for the County and State aforesaid, do hereby certify that Mohammad Tariq Malik, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this \_\_\_ day of \_\_\_\_\_, 20\_\_.

\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires:

STATE OF Kentucky )  
 ) ss.  
COUNTY OF Jefferson )

I, Wendy S. Metcalf, a Notary Public in and for the County and State aforesaid, do hereby certify that Kyung A. Kang, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 24<sup>th</sup> day of January, 2014.

Wendy S Metcalf  
\_\_\_\_\_  
Notary Public

(SEAL)

My Commission Expires: January 8, 17