

# PATENT ASSIGNMENT

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<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>Donald W. Landry</td> <td>09/08/2011</td> </tr> <tr> <td>Yuli Xie</td> <td>10/02/2011</td> </tr> <tr> <td>Yidong Liu</td> <td>09/30/2011</td> </tr> <tr> <td>Gangli Gong</td> <td>10/02/2011</td> </tr> <tr> <td>Shi-Xian Deng</td> <td>10/17/2002</td> </tr> <tr> <td>Kirsten Alison Rinderspacher</td> <td>10/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Donald W. Landry	09/08/2011	Yuli Xie	10/02/2011	Yidong Liu	09/30/2011	Gangli Gong	10/02/2011	Shi-Xian Deng	10/17/2002	Kirsten Alison Rinderspacher	10/14/2011
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK</td> </tr> <tr> <td><b>Street Address:</b></td> <td>116TH Street &amp; Broadway</td> </tr> <tr> <td><b>City:</b></td> <td>New York</td> </tr> <tr> <td><b>State/Country:</b></td> <td>NEW YORK</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>10027</td> </tr> </table>		<b>Name:</b>	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	<b>Street Address:</b>	116TH Street & Broadway	<b>City:</b>	New York	<b>State/Country:</b>	NEW YORK	<b>Postal Code:</b>	10027				
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<b>PROPERTY NUMBERS Total: 1</b>															
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<b>CORRESPONDENCE DATA</b>															
<p>Fax Number: (212)259-2482</p> <p>Phone: 212 408 2500</p> <p>Email: nydocket@bakerbotts.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Baker Botts LLP</p> <p>Address Line 1: 30 Rockefeller Plaza</p> <p>Address Line 2: 44th Floor</p> <p>Address Line 4: New York, NEW YORK 10112-4498</p>															
<b>ATTORNEY DOCKET NUMBER:</b>	070050.4219														

CH \$40.00 13178117

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**PATENT**  
**REEL: 027071 FRAME: 0775**

NAME OF SUBMITTER:

Lillian Garcia

**Total Attachments: 25**

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070050.4219  
PATENTASSIGNMENT

WHEREAS, WE, DONALD W. LANDRY, a citizen of the United States, having a residence address at 29 Claremont Avenue, #2S, New York, NY 10027; YULI XIE, a citizen of China, having a residence address at 1123 York Avenue, #19E, New York, NY 10021; YIDONG LIU, a citizen of China, having residence address at 63 W. 168th Street, New York, NY 10032; GANGLI GONG, a citizen of China, having residence address at 4254 Judge Street, #3B, Elhurst, NY 11373; SHI-XIAN DENG, a citizen of the United States, having a residence at 34 Ogden Avenue, White Plains, NY 10605 and KIRSTEN ALISON RINDERSPACHER, a citizen of the United States, having a residence address at 1575 Thierlot Avenue, #1H, Bronx, NY 10460, (hereinafter "ASSIGNORS"), have made an invention entitled "POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES" as set forth and described in United States Patent Application Serial No. 13/178,117 filed July 7, 2011; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "ASSIGNEE"), having its principal place of business at 116th Street & Broadway, New York, NY, 10027, is desirous of acquiring the whole right, title and interest in and to said application 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 ensealing 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 "POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES" 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

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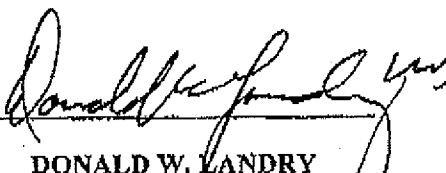
070050.4219

PATENT

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.

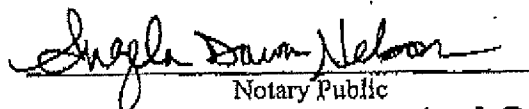
IN WITNESS WHEREOF, WE, the said ASSIGNORS have hereunto set our hand and seal on the dates below written.

Date: 9 / 8 2011

  
DONALD W. LANDRY

STATE OF )  
;ss:  
COUNTY OF )

BE IT KNOWN, that on this 8<sup>th</sup> day of September, 2011, before me personally came DONALD W. LANDRY, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this 8<sup>th</sup> day of September, 2011.

  
Notary Public

Angela Dawn Nelson  
Notary Public, State of New York  
No. 02718340018  
Qualified in New York County  
Commission Expires 04-23-2015

070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

YULI XIE

STATE OF )  
                  :SS:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YULI XIE, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

YIDONG LIU

STATE OF )  
                  :SS:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YIDONG LIU, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
GANGLI GONGSTATE OF )  
 )  
 )  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came GANGLI DONG, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
SHI-XIAN DENGSTATE OF )  
 )  
 )  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came SHI-XIAN DENG, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
KIRSTEN ALISON  
RINDERSPACHER

STATE OF )  
COUNTY OF ) :ss:

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came KIRSTEN ALISON RINDERSPACHER, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

ASSIGNMENT

WHEREAS, WE, **DONALD W. LANDRY**, a citizen of the United States, having a residence address at 29 Claremont Avenue, #2S, New York, NY 10027; **YULI XIE**, a citizen of China, having a residence address at 1123 York Avenue, #19E, New York, NY 10021; **YIDONG LIU**, a citizen of China, having residence address at 63 W. 168th Street, New York, NY 10032; **GANGLI GONG**, a citizen of China, having residence address at 4254 Judge Street, #3B, Elhurst, NY 11373; **SHI-XIAN DENG**, a citizen of the United States, having a residence at 34 Ogden Avenue, White Plains, NY 10605 and **KIRSTEN ALISON RINDERSPACHER**, a citizen of the United States, having a residence address at 1575 Thieriot Avenue, #1H, Bronx, NY 10460, (hereinafter "**ASSIGNORS**"), have made an invention entitled "**POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES**" as set forth and described in United States Patent Application Serial No. 13/178,117 filed July 7, 2011; and

WHEREAS, **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** (hereinafter "**ASSIGNEE**"), having its principal place of business at 116th Street & Broadway, New York, NY, 10027, is desirous of acquiring the whole right, title and interest in and to said application 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 ensealing 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 "**POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES**" 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.

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
DONALD W. LANDRY

STATE OF                    )  
                              :ss:  
COUNTY OF                )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came DONALD W. LANDRY, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

Date: 10/2 2011

Yuli Xie

YULI XIE

STATE OF )  
                  :SS:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YULI XIE, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
YIDONG LIU

STATE OF )  
                  :SS:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YIDONG LIU, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENTDate: 10/2 2011

GANGLI GONG

STATE OF )  
                  ) ss;  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came GANGLI DONG, 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.  
SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
SHI-XIAN DENGSTATE OF )  
                  ) ss;  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came SHI-XIAN DENG, 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.  
SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
**KIRSTEN ALISON  
RINDERSPACHER**

STATE OF            )  
                          :SS:  
COUNTY OF        )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came KIRSTEN ALISON RINDERSPACHER, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

ASSIGNMENT

WHEREAS, WE, **DONALD W. LANDRY**, a citizen of the United States, having a residence address at 29 Claremont Avenue, #2S, New York, NY 10027; **YULI XIE**, a citizen of China, having a residence address at 1123 York Avenue, #19E, New York, NY 10021; **YIDONG LIU**, a citizen of China, having residence address at 63 W. 168th Street, New York, NY 10032; **GANGLI GONG**, a citizen of China, having residence address at 4254 Judge Street, #3B, Elhurst, NY 11373; **SHI-XIAN DENG**, a citizen of the United States, having a residence at 34 Ogden Avenue, White Plains, NY 10605 and **KIRSTEN ALISON RINDERSPACHER**, a citizen of the United States, having a residence address at 1575 Thieriot Avenue, #1H, Bronx, NY 10460, (hereinafter "**ASSIGNORS**"), have made an invention entitled "**POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES**" as set forth and described in United States Patent Application Serial No. 13/178,117 filed July 7, 2011; and

WHEREAS, **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** (hereinafter "**ASSIGNEE**"), having its principal place of business at 116th Street & Broadway, New York, NY, 10027, is desirous of acquiring the whole right, title and interest in and to said application 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 ensealing 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 "**POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES**" 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.

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
DONALD W. LANDRY

STATE OF            )  
                          :SS:  
COUNTY OF        )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came DONALD W. LANDRY, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

YULI XIE

STATE OF )  
                  :SS:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YULI XIE, 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, SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: 9/30/ 2011

  
YIDONG LIU

STATE OF )  
                  :SS:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YIDONG LIU, 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, SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
**GANGLI GONG**

STATE OF            )  
                          :SS:  
COUNTY OF        )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came GANGLI DONG, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
**SHI-XIAN DENG**

STATE OF            )  
                          :SS:  
COUNTY OF        )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came SHI-XIAN DENG, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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



Date: \_\_\_\_\_ 2011

KIRSTEN ALISON  
RINDERSPACHER

STATE OF            )  
                          :SS:  
COUNTY OF        )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came KIRSTEN ALISON RINDERSPACHER, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENTASSIGNMENT

WHEREAS, WE, DONALD W. LANDRY, a citizen of the United States, having a residence address at 29 Claremont Avenue, #2S, New York, NY 10027; YULI XIE, a citizen of China, having a residence address at 1123 York Avenue, #19E, New York, NY 10021; YIDONG LIU, a citizen of China, having residence address at 63 W. 168th Street, New York, NY 10032; GANGLI GONG, a citizen of China, having residence address at 4254 Judge Street, #3B, Elmhurst, NY 11373; SHI-XIAN DENG, a citizen of the United States, having a residence at 34 Ogden Avenue, White Plains, NY 10605 and KIRSTEN ALISON RINDERSPACHER, a citizen of the United States, having a residence address at 1575 Thieriot Avenue, #1H, Bronx, NY 10460, (hereinafter "ASSIGNORS"), have made an invention entitled "POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES" as set forth and described in United States Patent Application Serial No. 13/178,117 filed July 7, 2011; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK (hereinafter "ASSIGNEE"), having its principal place of business at 116th Street & Broadway, New York, NY, 10027, is desirous of acquiring the whole right, title and interest in and to said application 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 sealing 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 "POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES" 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

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070050.4219  
PATENT

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.

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
DONALD W. LANDRYSTATE OF \_\_\_\_\_ )  
:ss:  
COUNTY OF \_\_\_\_\_ )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came DONALD W. LANDRY, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

YULI XIE

STATE OF )  
                  :SS:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YULI XIE, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

YIDONG LIU

STATE OF )  
                  :SS:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YIDONG LIU, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

GANGLI GONG

STATE OF )  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came GANGLI DONG, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: 10/17 / \_\_\_\_\_ 2011

*Shi-Xian Deng*

SHI-XIAN DENG

STATE OF )  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came SHI-XIAN DENG, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

**KIRSTEN ALISON  
RINDERSPACHER**

STATE OF )  
                  ) ss:  
COUNTY OF )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came KIRSTEN ALISON RINDERSPACHER, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

ASSIGNMENT

WHEREAS, WE, **DONALD W. LANDRY**, a citizen of the United States, having a residence address at 29 Claremont Avenue, #2S, New York, NY 10027; **YULI XIE**, a citizen of China, having a residence address at 1123 York Avenue, #19E, New York, NY 10021; **YIDONG LIU**, a citizen of China, having residence address at 63 W. 168th Street, New York, NY 10032; **GANGLI GONG**, a citizen of China, having residence address at 4254 Judge Street, #3B, Elhurst, NY 11373; **SHI-XIAN DENG**, a citizen of the United States, having a residence at 34 Ogden Avenue, White Plains, NY 10605 and **KIRSTEN ALISON RINDERSPACHER**, a citizen of the United States, having a residence address at 1575 Thieriot Avenue, #1H, Bronx, NY 10460, (hereinafter "**ASSIGNORS**"), have made an invention entitled "**POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES**" as set forth and described in United States Patent Application Serial No. 13/178,117 filed July 7, 2011; and

WHEREAS, **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** (hereinafter "**ASSIGNEE**"), having its principal place of business at 116th Street & Broadway, New York, NY, 10027, is desirous of acquiring the whole right, title and interest in and to said application 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 ensealing 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 "**POTENT NON-UREA INHIBITORS OF SOLUBLE EPOXIDE HYDRATES**" 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.

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
**DONALD W. LANDRY**

STATE OF            )  
                          : ss:  
COUNTY OF        )

BE IT KNOWN, that on this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came DONALD W. LANDRY, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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



070050.4219  
PATENT

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
**YULI XIE**

STATE OF           )  
                          :SS:  
COUNTY OF       )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YULI XIE, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
**YIDONG LIU**

STATE OF           )  
                          :SS:  
COUNTY OF       )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came YIDONG LIU, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
**GANGLI GONG**

STATE OF            )  
                          :SS:  
COUNTY OF        )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came GANGLI DONG, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

Date: \_\_\_\_\_ 2011

\_\_\_\_\_  
**SHI-XIAN DENG**

STATE OF            )  
                          :SS:  
COUNTY OF        )

BE IT KNOWN, that on this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came SHI-XIAN DENG, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this \_\_\_\_ day of \_\_\_\_\_, 2011.

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

070050.4219  
PATENT

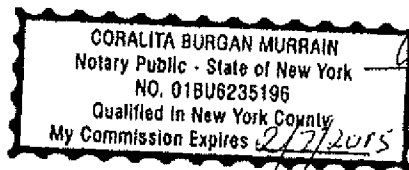
Date: 10 / 14 / 2011

Kirsten Alison Rinderspacher

KIRSTEN ALISON  
RINDERSPACHER

STATE OF New York  
COUNTY OF New York

BE IT KNOWN, that on this 14<sup>th</sup> day of October, 2011, before me personally came KIRSTEN ALISON RINDERSPACHER, 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. SUBSCRIBED AND SWORN before me, the undersigned authority, by on this 14<sup>th</sup> day of October, 2011.



[Signature]  
Notary Public