

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>William F. DeGrado</td><td>03/17/2004</td></tr><tr><td>Gregory N. Tew</td><td>03/08/2004</td></tr><tr><td>Michael L. Klein</td><td>03/22/2004</td></tr><tr><td>Dahui Liu</td><td>05/07/2004</td></tr><tr><td>Jing Yuan</td><td>03/09/2004</td></tr></tbody></table>		Name	Execution Date	William F. DeGrado	03/17/2004	Gregory N. Tew	03/08/2004	Michael L. Klein	03/22/2004	Dahui Liu	05/07/2004	Jing Yuan	03/09/2004
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>The Trustees of the University of Pennsylvania</td></tr><tr><td>Street Address:</td><td>Center for Technology Transfer</td></tr><tr><td>Internal Address:</td><td>3160 Chestnut Street, Suite 200</td></tr><tr><td>City:</td><td>Philadelphia</td></tr><tr><td>State/Country:</td><td>PENNSYLVANIA</td></tr><tr><td>Postal Code:</td><td>19104</td></tr></table>		Name:	The Trustees of the University of Pennsylvania	Street Address:	Center for Technology Transfer	Internal Address:	3160 Chestnut Street, Suite 200	City:	Philadelphia	State/Country:	PENNSYLVANIA	Postal Code:	19104
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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>10471028</td></tr></tbody></table>		Property Type	Number	Application Number:	10471028								
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CORRESPONDENCE DATA													
Fax Number: (202)371-2540 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 202-371-2600													
Email: anns@skgf.com													
Correspondent Name: Sterne, Kessler, Goldstein & Fox PLLC													
Address Line 1: 1100 New York Avenue, NW													
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NAME OF SUBMITTER:	/Ann E. Summerfield/												
Total Attachments: 15													

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### ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: 1) William F. DeGRADO, 2) Gregory N. TEW, 3) Michael L. KLEIN, 4) Dahui LIU and 5) Jing YUAN, the undersigned inventors hereby sell and assign to The Trustees of the University of Pennsylvania, a corporation formed under the laws of the Commonwealth of Pennsylvania (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **Facially Amphiphilic Polymers as Anti-Infective Agents** for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 1) March 17, 2004 2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_ and 5) \_\_\_\_\_ (also known as United States Application No. 10/471,028, filed September 8, 2003, which is the U.S. national phase application of International Appl. No. PCT/US02/22043, international filing date March 7, 2002), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

*John M. Lamb  
Reg No 381754  
12/14/04*

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

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The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Lawrence B. Bugaisky, Esq., Registration No. 35,086; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq.,

Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: 3/17/04 Signature of Inventor:   
William F. DeGRADO

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Gregory N. TEW

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Michael L. KLEIN

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Dahui LIU

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Jing YUAN

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

236000.1

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*John. Grant*  
*Reg. No 36, 739*  
*12/14/04*

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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
William F. DeGRADO

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Gregory N. TEW

Subscribed and sworn to before me this 8<sup>th</sup> day of March, 2004.

By Christine M. Kumage

(Notarial Seal to be affixed)

My commission expires on: 12/5/08

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Michael L. KLEIN

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Dahui LIU

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

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My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Jing YUAN

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By \_\_\_\_\_

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My commission expires on: \_\_\_\_\_

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*JMC*  
*Reg No 38,759*  
*12/4/04*

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Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
William F. DeGRADO

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Gregory N. TEW

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By \_\_\_\_\_

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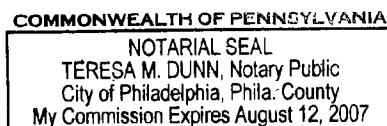
My commission expires on: \_\_\_\_\_

Date: 03/22/2004 Signature of Inventor: M. Klein  
Michael L. KLEIN

Subscribed and sworn to before me this 22 day of March, 2004.

By Teresa M. Dunn

(Notarial Seal to be affixed)



My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Dahui LIU

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Jing YUAN

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*Jmc*  
*Reg No 38,759*  
*12/14/04*

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(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Michael L. KLEIN

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: X 5/07/04

Signature of Inventor: X   
Dahui LIU

Subscribed and sworn to before me this 7<sup>th</sup> day of May, 2004.

By X 

(Notarial Seal to be affixed)



My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Jing YUAN

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

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### ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: **1) William F. DeGRADO, 2) Gregory N. TEW, 3) Michael L. KLEIN, 4) Dahui LIU and 5) Jing YUAN**, the undersigned inventors hereby sell and assign to **The Trustees of the University of Pennsylvania**, a corporation formed under the laws of the Commonwealth of Pennsylvania (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as **Facially Amphiphilic Polymers as Anti-Infective Agents** for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 1) \_\_\_\_\_ 2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_ and 5) Mar. 9, 2004 (also known as United States Application No. 10/471,028, filed September 8, 2003, which is the U.S. national phase application of International Appl. No. /PCT/US02/22043, international filing date March 7, 2002), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

*Jmc  
Reg No. 38,759  
12/14/04*

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michele A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Lawrence B. Bugaisky, Esq., Registration No. 35,086; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq.,

Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
William F. DeGRADO

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Gregory N. TEW

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Michael L. KLEIN

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_



Date: \_\_\_\_\_ Signature of Inventor: \_\_\_\_\_  
Dahui LIU

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2004.

By \_\_\_\_\_

(Notarial Seal to be affixed)

My commission expires on: \_\_\_\_\_

Date: 3/9/04 Signature of Inventor: Jing Yuan  
Jing YUAN

Subscribed and sworn to before me this 9th day of March, 2004.

By Mary Ann Danishefsky

(Notarial Seal to be affixed)

My commission expires on: 2/2/2007

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