PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	04/04/2005

CONVEYING PARTY DATA

Name	Execution Date
Mr. Richard B. Silverman	01/31/2005
Shouxin Liu	03/28/2005
Wenxin Gu	01/31/2005
Mr. Thomas E. Adrian	02/02/2005
Mr. Gerald A. Soff	01/31/2005

RECEIVING PARTY DATA

Name:	Northwestern University
Street Address:	633 Clark Street
City:	Evanston
State/Country:	ILLINOIS
Postal Code:	60208

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10962168

CORRESPONDENCE DATA

500025975

Fax Number: (414)298-8097

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 414-298-8360

Email: rdekruif@reinhartlaw.com

Correspondent Name: Rodney D. DeKruif

Address Line 1: 1000 North Water Street

Address Line 2: Suite 2100

Address Line 4: Milwaukee, WISCONSIN 53202

NAME OF SUBMITTER: Rodney D. Dekruif

PATENT

REEL: 015854 FRAME: 0753

00 109621

CH \$40

Total Attachments: 16 source=7886-Assignment#page1.tif source=7886-Assignment#page2.tif source=7886-Assignment#page3.tif source=7886-Assignment#page4.tif source=7886-Assignment#page5.tif source=7886-Assignment#page6.tif source=7886-Assignment#page7.tif source=7886-Assignment#page8.tif source=7886-Assignment#page9.tif source=7886-Assignment#page10.tif source=7886-Assignment#page11.tif source=7886-Assignment#page12.tif source=7886-Assignment#page13.tif source=7886-Assignment#page14.tif source=7886-Assignment#page15.tif source=7886-Assignment#page16.tif

Attorney Docket No: 7886

For: [X] U.S. and/or [X] Foreign Rights

For: [X] U.S. Application or [] U.S. Patent

By: [X] Inventor(s) or [] Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

(inventor(s) or Richard B. Silverman ("ASSIGNOR"	
)
(Type or print name(s) of ASSIGNOR(S))	
person(s) or entity(ies) who own the invention)	•
Inventor Address:	
4106 Rutgers Lane	
Northbrook, IL 60062	
Notthiotook, IL 00002	
(Nationality) U.S.	
• • • • • • • • • • • • • • • • • • • •	
(incompany) and Changing Line	
(inventor(s) or Shouxin Liu (Type or print name(s) of ASSIGNOR(S))	
person(s) or entity(ies)	
who own the invention) Address:	
818 Noves Street, Apt. 3A	
Evanston, IL 60208	
(Nationality) China	
(inventor(s) or Wenxin Gu	
(inventor(s) or Wenxin Gu (Type or print name(s) of ASSIGNOR(S))	
person(s) or entity(ies)	
who own the invention) Address:	
1915 Maple Avenue, Apt. 614	
Evanston, IL 60201	
(Nationality) China	

MW\1162673AMH:DMM 01/20/05

(inventor(s) or	Thomas E. Adrian
	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	•
who own the invention)	Address:
	155 Harbor Drive, #1911
	Chicago, IL 60601
	(Nationality) U.K.
(inventor(s) or	Gerald A. Soff
(111,01101(0) 01	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	(1)
who own the invention)	Address:
,	303 Appletree Lane
	Wilmette, IL 60091
	(Nationality) U.S.
	(Nationality) U.S.
(If a sainum	ent is by person or entity to whom invention was previously assigned
(1) assignm	and this was recorded in PTO add the following)
	and this was recorded in 110 and the join may
n 11	
	
Reel	
Frame	
hereby sells, assign	s and transfers to
ASSIGNEE:	
	Northwestern University
	622 Clade Street
	Evanston, IL 60208
	/ h 11
	(Address)
	An individual who is a citizen of or A State Coporation
	(Domicile or Nationality)
	(Dolinette of Ivationality)
4 .4	11 1 CALACGICNEE
and the successors,	assigns and legal representatives of the ASSIGNEE
	(complete one of the following)
[X] the entire a	right, title and interest
an undivided	
for the Unite	ed States and its territorial possessions
(check the	e following box if foreign rights are also to be assigned)

2

[X] and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

CYCLIC PEPTIDE ANTITUMOR AGENTS

(check and complete (a), (b), (c) or (d))

and which is found in
 (a) [] U.S. patent application executed on even date herewith (b) [] U.S. patent application executed on
ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this
invention on the execution date stated above, to insert below the filing date and application number when it becomes known.
(c) [X] U.S. application serial no. 10/962,168 filed on 10/08/2004 (d) [] U.S. patent no. issued [] A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.
(also check (e) if foreign application(s) is also being assigned)
(e) [] and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S)

Rehard Silvermen	1/31/05
Richard B. Silverman	(Date)
Shouxin Liu	(Date)
Couvenson	//3,/05 (Date)
Wenxin Gu	(Date)
Thomas E. Adrian	(Date)
Gerald A. Soff	(Date)

Attorney Docket No: <u>7886</u>
For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] Inventor(s) or [] Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:	
(inventor(s) or	Richard B. Silverman ("ASSIGNOR")
	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	
who own the invention) Inventor	Address:
inventor	
	4106 Rutgers Lane
	Northbrook, IL 60062
	(Nationality) <u>U.S.</u>
(inventor(s) or	Shouxin Liu
(,	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	
who own the invention)	Address:
	818 Noyes Street, Apt. 3A
	Evanston, IL 60208
	(Nationality) <u>China</u>
(inventor(s) or	Wenxin Gu
	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	4 11
who own the invention)	Address:
	1915 Maple Avenue, Apt. 614
	Evanston, IL 60201
	(Nationality) China

MW\1162673AMH:DMM 01/20/05

(inventor(s) or	Thomas E. Adrian
	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	
who own the invention)	Address:
	155 Harbor Drive, #1911
	Chicago, IL 60601
	(Nationality) U.K.
(inventor(s) or	Gerald A. Soff
	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	A d.d
who own the invention)	Address:
	303 Appletree Lane
	Wilmette, IL 60091
	(Nationality) U.S.
Recorded on	
hereby sells, assign	s and transfers to
ASSIGNEE:	
	Northwestern University
	633 Clark Street
	Evanston, IL 60208
	L vanoton, 1L 00206
	(Address)
	An individual who is a citizen of or A State Coporation (Domicile or Nationality)
and the successors,	assigns and legal representatives of the ASSIGNEE (complete one of the following)
[X] the entire r	ight, title and interest
an undivided	
	ed States and its territorial possessions
ioi mo omo	
(check the	following box if foreign rights are also to be assigned)

[X] and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

CYCLIC PEPTIDE ANTITUMOR AGENTS

(check and complete (a), (b), (c) or (d))

and which is found in
(a) [] U.S. patent application executed on even date herewith
(b) [] U.S. patent application executed on
[] To comply with 37 CFR 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my attorney, as
named in the Declaration and Power of Attorney I executed for this
invention on the execution date stated above, to insert below the
filing date and application number when it becomes known.
(c) [X] U.S. application serial no. <u>10/962,168</u> filed on <u>10/08/2004</u>
(d) [] U.S. patent no. issued
[] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
(also check (e) if foreign application(s) is also being assigned)
(e) [] and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S)

Richard B. Silverman	(Date)
Shouxin Liu	(Date)
Wenxin Gu	(Date)
Thoms E Adrian	
Thomas E. Adrian	(Date
Lorold A Soff	(Date)

Attorney Docket No: 7886

For: [X] U.S. and/or [X] Foreign Rights

For: [X] U.S. Application or [] U.S. Patent

By: [X] Inventor(s) or [] Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:	
(inventor(s) or	Richard B, Silverman ("ASSIGNOR")
	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	
who own the invention)	A 11
Inventor	Address:
	4106 Rutgers Lane
	Northbrook, IL 60062
	(Nationality) <u>U.S.</u>
(inventor(s) or	Shouxin Liu
(444, 444, 444, 444, 444, 444, 444, 444	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	
who own the invention)	Address:
	818 Noyes Street, Apt. 3A
	Evanston, IL 60208
	(Nationality) China
	•
(inventor(s) or	Wenxin Gu
((Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	
who own the invention)	Address:
	1915 Maple Avenue, Apt. 614
	Evanston, IL 60201
	(Nationality) China
	· /

MW\1162673AMH:DMM 01/20/05

(inventor(s) or	Thomas E. Adrian
· .	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	A 11
who own the invention)	Address:
	155 Harbor Drive, #1911
	Chicago, IL 60601
	(Nationality) <u>U.K.</u>
•	
(inventor(s) or	Gerald A. Soff
	(Type or print name(s) of ASSIGNOR(S))
person(s) or entity(ies)	A diducaci
who own the invention)	Address:
	303 Appletree Lane
	Wilmette, IL 60091
	(Nationality) U.S.
Reel	
Frame	
hereby sells, assign	s and transfers to
ASSIGNEE:	
	Northwestern University
	633 Clark Street
	Evanston, IL 60208
	(Address)
	An individual set a statem of a A. Co. A. Co. and the control of
	An individual who is a citizen of or A State Coporation
	(Domicile or Nationality)
1 41	and an Albert management times of the ACCIONEE
and the successors,	assigns and legal representatives of the ASSIGNEE
	(complete one of the following)
Para d	
	right, title and interest
[] an undivided	
for the Unite	ed States and its territorial possessions
(check the	following hor if foreign rights are also to be assigned)

[X] and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

CYCLIC PEPTIDE ANTITUMOR AGENTS

(check and complete (a), (b), (c) or (d))

and which is found in

claim priority

(a) [] U.S. patent application executed on even date herewith		
(b) [] U.S. patent application executed on		
[] To comply with 37 CFR 3.21 for recordal of this assignment, I, an		
ASSIGNOR signing below, hereby authorize and request my attorney, as		
named in the Declaration and Power of Attorney I executed for this		
invention on the execution date stated above, to insert below the		
filing date and application number when it becomes known.		
(c) [X] U.S. application serial no. <u>10/962,168</u> filed on <u>10/08/2004</u>		
(d) [] U.S. patent noissued		
[] A change of address to which correspondence is to be sent regarding patent		
maintenance fees is being sent separately.		
(also check (e) if foreign application(s) is also being assigned)		
(e) [] and any legal equivalent thereof in a foreign country, including the right to		

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S)

Richard B. Silverman	(Date)
Shouxin Liu	(Date)
Wenxin Gu	(Date)
Thomas E. Adrian	(Date)
0 00 1 1	
Durald SII	1/3,/05
Gerald A. Soff	(Date)

PATENT
Attorney Docket No: _7886
For: [X] U.S. and/or [X] Forcign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] Inventor(s) or [] Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to each ASSIGNOR identified below of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:		
(inventor(s) or	Richard B. Silverman ("ASSIGNOR")	
	(Type or print name(s) of ASSIGNOR(S))	
person(s) or entity(ies) who own the invention)		
Inventor	Address:	
II. v station	4106 Rutgers Lane	
	Northbrook, IL 60062	
	(Nationality) U.S.	
	(118001101)	
(inventor(s) or	Shouxin Liu	
(1111-01110-1(0)) 01	(Type or print name(s) of ASSIGNOR(S))	
person(s) or entity(ics)	,	· · · · · · · · · · · · · · · · · · ·
who own the invention)	Address:	
	T 186 Yuhua East Road,	•
	 Shijiazhuang, Hebei. 050018 	
	<u> </u>	
	(Nationality) China	
(inventor(s) or	Wenxin Gu	
	(Type or print name(s) of ASSIGNOR(S))	
person(s) or entity(ics) who own the invention)	Address:	
MINITUME THE THEORY	1915 Maple Avenue, Apt. 614	
	Evanston, IL 60201	
	(Nationality) China	
	(tamenta) Cilian	

MW\1162673AMH:DMM 01/20/05

(inventor(s) or	Thomas E. Adrian	
	(Type or print name(s) of ASSIGNOR(S))	
person(s) or entity(ies)		
who own the invention)	Address:	
	155 Harbor Drive, #1911	•
	Chicago, IL 60601	
	(Nationality) U.K.	
(inventor(s) or	Gerald A. Soff	
	(Type or print name(s) of ASSIGNOR(S))	
person(s) or entity(ies)	A 31	
who own the invention)	Address:	
	303 Appletree Lane	•
	Wilmette, IL 60091	•
	(Nationality) U.S.	
	•	
(15 t		
(1) assignme	ent is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)	
Recorded on		
Reel		
Frame		
hereby sells, assigns	s and transfers to	
2201007 00110, 110018111		
ASSIGNEE:		
TIDOIGITEE.	Northwestern University	
	633 Clark Street	
	Evanston, IL 60208	
	L vanston, IL 00200	
	(Address)	
	An individual who is a citizen of or A State Coporat	ion
	(Domicile or Nationality)	1011
	(Donnelle of Manonality)	
and the successors	assigns and legal representatives of the ASSIGNEE	
and the successors,	(complete one of the following)	
	(complete one of the following)	
[X] the entire r	ight, title and interest	
for the Unite	percent (%) interest d States and its territorial possessions	
ioi ino Omic	a new and the section of the honorous	
(check the	following hox if foreign rights are also to be assigned)	

2

[X] and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

CYCLIC PEPTIDE ANTITUMOR AGENTS

(check and complete (a), (b), (c) or (d))

(a) [] U.S. patent application	executed on even date her	rewith
(b) [] U.S. patent application	executed on	
[] To comply with 37 CFF	R 3.21 for recordal of this	assignment, I, an
ASSIGNOR signing bel	low, hereby authorize and	request my attorney, as
named in the Declaratio	on and Power of Attorney	I executed for this
invention on the executi	ion date stated above, to in	nsert below the
filing date and application	on number when it becom	nes known.
(c) [X] U.S. application serial	l no. 10/962,168 filed o	n 10/08/2004
(d) [] U.S. patent no.	issued	
[] A change of address to w	which correspondence is to	be sent regarding patent
maintenance fees is bein	ng sent separately.	

(also check (e) if foreign application(s) is also being assigned)

(e) [] and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce

IN WITNESS WHEREOF, I/We have hereunto set hand the date indicated below.

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Signature of ASSIGNOR(S)

Richard B. Silverman	(Date)
* Shousin Lin	3/28/2005 (Date)
Shouxin Liu	(Date)
Wenxin Gu	(Date)
Thomas E. Adrian	(Date)
Carld A Saff	(Date)

4

MWAI162673AMH:UMM 01/20/05

PATENT

REEL: 015854 FRAME: 0770