Substitute Form PTO-1595

Attorney Docket Number: 50150/071002

Signature of Person Sending Transmission

Colleen Coyne

306-5995.

Printed Name of Person Sending Transmission

RECORDATION FORM COVER SHEET PATENTS ONLY

Date of Transmission:

I ATENTO CILET			
Please record the attached document.			
Names of all conveying parties:	2. Names and addresses of all receiving parties:		
Xiang Y. Yu Yingfei Yang Additional names attached: NO	ActivBiotics, Inc. 128 Spring Street Lexington, MA 02421		
Additional names attached. NO			
	Additional names/addresses attached: NO		
3. Nature of conveyance:  [x] Assignment  [ ] Merger  [ ] Security Agreement  [ ] Change of Name  [ ] Other:			
Execution Date: March 3, 2005 and May 17, 2005			
Application numbers or patent numbers:			
A. Patent Application Number(s): 11/008,597 60/528,733	B. Patent Number(s):		
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications/patents involved: 2		
	7. Total fee (37 C.F.R. § 3.41): \$80.00		
Karen L. Elbing, Ph.D.	[ ] Fee enclosed		
Reg. No.: 35,238	[x] Authorized to charge deposit account		
Clark & Elbing LLP	0. Describer and a control of 2005 Di		
101 Federal Street Boston, MA 02110	8. Deposit account number: 03-2095. Please apply any additional charges, or any credits, to		
Customer No.: 21559	Deposit Account No. 03-2095.		

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document of a true copy thereof.

Karen L. Elbing, Ph.D. Name of person signing

**Zigna**ture

**PATENT** REEL: 016269 FRAME: 0597

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## ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (an	d Country if not USA)
John H. van Duzer	Georgetown	Massach	usetts
Arthur F. Michaelis	Devon	Pennsylv	ania
William B. Geiss	Athens	New York	
Douglas G. Stafford	Niskayuna	New York	
Xiang Y. Yu	Acton	Massach	usetts
James M. Siedlecki	Burlington	Massachi	usetts
Yingfei Yang	Belmont	Massach	usetts

## hereby assign to

Full Name of Assignee	State of Incorporation	Business	Address
ActivBiotics, Inc.	Delaware	128 Sprin Lexingtor	g Street , MA 02421

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Nu	mber
RIFAMYCIN ANALOGS AND USES THEREOF	December 9, 2004	11/008,59	97
RIFAMYCIN ANALOGS AND USES THEREOF	December 10, 2003	60/528,73	33

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

REEL: 016269 FRAME: 0598

In Witness Whereon Thereto s	set my hand and seal at	
this day of		,
		L.S.
John H. van Duzer		
STATE OF	_ <u>:</u>	
	:\$\$.	
COUNTY OF	<b>→</b>	
Before me this da public, personally appeared Joh identification, which consisted o is subscribed to the foregoing A free act and deed for the purpos	y of, 20, before me, the unit H. van Duzer, proved to me through satisfactory f, to be the ssignment, and acknowledged that he/she execute ses therein contained.	ndersigned notary evidence of e person whose name ed the same as his/her
	· <del></del>	
	Notary Public	
Distance Continues	My Commission Expires:	
[Notary's Seal Here]		
	set my hand and seal at	,
this day of	, 20	
		L.S.
Arthur F. Michaelis		
STATE OF	_i	
COUNTY OF	_: _:	
Before me this da public, personally appeared Arthidentification, which consisted o is subscribed to the foregoing A free act and deed for the purpos	ssignment, and acknowledged that he/she execute	ndersigned notary evidence of e person whose name ed the same as his/her
	Niekson Duktie	
	Notary Public	
[Notary's Seal Here]	My Commission Expires:	
	D0-65	
	Page 2 of 5	

3-05 01:35pm From-CLARK & ELBING LLP

PATENT REEL: 016269 FRAME: 0599

+6174287045 T-554 P.004/007 F-107

In Witness WHEREOF, I hereto s	et my hand and seal at	
this day of	, 20	
William B. Geiss		L,S.
STATE OF	±	
COUNTY OF	: ISS.	
COUNTY OF	<u>-</u>	
Before me this day public, personally appeared Will which consisted of to the foregoing Assignment, an deed for the purposes therein co	y of, 20, before me, the ulam B. Geiss, proved to me through satisfactory egents and the person who discussed that he/she executed the same entained.	ndersigned notary vidence of identification, se name is subscribed as his/her free act and
	Notary Public	
	My Commission Expires:	
[Notary's Seal Here]		
In WITNESS WHEREOF, I hereto s this day of	et my hand and seal at , 20	L.S.
Douglas G. Stafford		
STATE OF	_	
COUNTY OF	:ss. 	
Before me this day public, personally appeared Dou identification, which consisted of is subscribed to the foregoing Afree act and deed for the purpos	y of, 20, before me, the uniques G. Stafford, proved to me through satisfactors, to be the signment, and acknowledged that he/she executives therein contained.	ndersigned notary y evidence of ne person whose name ed the same as his/her
	Notary Public	
[Notary's Seal Here]	My Commission Expires:	
	Page 3 of 5	

3-05 01:35pm From-CLARK & ELBING LLP

REEL: 016269 FRAME: 0600

+6174287045 T-554 P.005/007 F-107

IN WITNESS WHEREAS	, i hereto set my hand and seal at $\_ActoR$	1.		
this 3 <sup>fc</sup> day of \( \int \)	1000 300 111 111 111 111 11 11 11 11 11 11 11			
	Mm		L.S.	
Xiang Y. Yu				
Mada	sand Mangachicatte	:		
STATE OF WINDLE	Sex MURSIACHUSEU >			
COUNTY OF Midd	sex MASSACHUSETTS			
	is 3 day of March 2005 Xiang Y, Yu, proved to me through satisfac			
Before me th	is 5 day of 1000, 2004,	before me, the und	ersigned notary public,	,
personally appeared.	Xiang Y. Yu, proved to me through satisfac	ctory evidence of ide	ntification, which	
consisted of <u>\\_/\//-</u>	t, and acknowledged that he/she executed	person whose nam	e is subscribed to the	-
the purposes therein	r, and acknowledged that reishe executed contained		1	Γ
are parposes arerent		Commonwealth of N Mっぴして多こと	lassachusetts	
		2 1/1	1005 2005	_
	William ( Ithan)	this <u>-22_</u> day o <u>t/ لا</u> ear undersioned onta	Cy Courble	.    betore me, eared
	Notes Tubble		ry public y Yh	_
• • • •	Notary Public	reved to me through	sausterung e of io	tentification,
	My Commission Expires:	which were <u>WWT TE</u>	ion the precious or attache	e the person
[Notary's Seal Here]	-	and acknowledged to	on the µreceding or attache ne∖that \$4—signed it volu	intarily for its
	GHAFALEME A EGNER, MONEY PUBLIC			
	My Commission Explore Jame 18, 2005	stated/purpose.	7. 10000	
		Notary Public		
IN WITNESS WHEREOF	, I hereto set my hand and seal at			
this day of	, 20			<b></b> 7
	<del></del>			
1 11 6: 11 1:			L.S.	
James M. Siedlecki				
STATE OF	•	:		
OTATE OF	 :ss.	!		
COUNTY OF	<u> </u>			
D-C #	to tour on			
Before me th	is day of, 20, James M. Siedlecki, proved to me through	, perore me, the und	ersigned notary public	, inh
consisted of			e is subscribed to the	CII
	t, and acknowledged that he/she executed	the same as his/he	r free act and deed for	г
the purposes therein				
		•		
	Notary Public			
		:	]	
	My Commission Expires:	•		
[Notary's Seal Here]			1	

Page 4 of 5

PATENT

REEL: 016269 FRAME: 0601

IN WITNESS WHEREOF, I hereto set my hand and seal at 15 ank of America	
this /7 day of	
Yingfei Yang	L.S.
STATE OF MA:	
COUNTY OF Middleses	
Before me this /7 day of // Ay , 2021, before me, the undersigned public, personally appeared Yingfei Yang, proved to me through satisfactory evidence of ider which consisted of // // , to be the person whose name is to the foregoing Assignment, and acknowledged that he/she executed the same as his/her frideed for the purposes therein contained.	subscribéd
<u>Karw Khachetitae</u> Notary Public	
- My Commission Expires:	

KARINE KHACHATRIAN
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires Dec. 13, 2007

Page 5 of 5

PATENT

REEL: 016269 FRAME: 0602