(Rev. 03/01)	595 RECORD	10-21	-2002	U.S. DEPARTMENT O U.S. Patent and Trac	
OMB No. 06	51-0027 (exp. 5/31/2002)			Attorney's Docket No	b.:P-133-US
Tab settings				- audured original documents or copy	<b>•</b>
	e Honorable Commissioner of Pater	1022	040 []].	and analysis of copy	thereof.
	conveying party(ies):		2. Name an	d address of receiving party(ies)	71 <sup>PTC</sup>
	theree; Martin S. Linsell; Daniel E quess; Edmund J. Moran;	D. Long;	Name:	THERAVANCE, INC.	694
Matthew B	Matthew B. Nodwell; S. Derek Turner; James Aggen		Street Addre	ess: 901 Gateway Boulevard	
	me of conveying party(ies) attached? [	🗌 Yes 🖾 No		South San Francisco, CA 9	94080 <u>v</u>
3. Nature o	f conveyance:				nn
1	Assignment Derger		Additional N	ame(s) & address(es) attached?	Yes 🛛 No
Sec	curity Agreement 🛛 Chang	e of Name			
Oth	er				
September 2	ates: September 24, 2002; September 2 4, 2002; September 30, 2002; September 4, 2002; September 30, 2002; September	25, 2002;			
	cument is being filed together with a nt Application No.(s)	new application.		tent No.(s)	<u>er 11, 2002</u>
	···· • • • • • • • • • • • • • • • • •		5.14		
		nal numbers atta			
5. Name ar			ched? 🗌 Yes		red: 1
5. Name ar	Addition		ched? 🔲 Yes 6. Total num	s 🖾 No	/ed: 1
5. Name ar concerni	Addition ad address of party to whom correspond ng this document should be mailed:		ched?	s 🛛 No	/ed: 1
5. Name ar concerni Name:	Addition ad address of party to whom correspond ng this document should be mailed: David E. Boone, Esq.		ched? [] Yes 6. Total num 7. Total fee ( ] Encl	s I No ber of applications and patents involv (37 CFR 3.41): <u>\$40.00</u>	
5. Name ar concerni Name:	Addition ad address of party to whom correspond ng this document should be mailed: David E. Boone, Esq. THERAVANCE, INC.		ched? ☐ Yes 6. Total num 7. Total fee ( ☐ Encl ⊠ Auth	s INO ber of applications and patents involv (37 CFR 3.41): <u>\$40.00</u> losed	
5. Name ar concerni Name:	Addition ad address of party to whom correspond this document should be mailed: David E. Boone, Esq. THERAVANCE, INC. Attn: Legal Department	ondence	ched? ☐ Yes 6. Total num 7. Total fee ( ☐ Encl ⊠ Auth 8. Deposit au	s ⊠ No ber of applications and patents involv (37 CFR 3.41): <u>\$40.00</u> losed horized to be charged to deposit accord	
5. Name ar concerni Name:	Addition ad address of party to whom correspond ng this document should be mailed: David E. Boone, Esq. THERAVANCE, INC. Attn: Legal Department 901 Gateway Boulevard	ondence	ched? ☐ Yes 6. Total num 7. Total fee ( ☐ Encl ⊠ Auth 8. Deposit au <u>50-</u>	s 🖾 No ber of applications and patents involv (37 CFR 3.41): <u>\$40.00</u> losed norized to be charged to deposit account ccount number:	unt
5. Name ar concerni Name:	Addition ad address of party to whom correspond ng this document should be mailed: David E. Boone, Esq. THERAVANCE, INC. Attn: Legal Department 901 Gateway Boulevard	ondence	ched? ☐ Yes 6. Total num 7. Total fee ( ☐ Encl ⊠ Auth 8. Deposit at <u>50-</u> (Attach dupli	s ⊠ No ber of applications and patents involv (37 CFR 3.41): <u>\$40.00</u> losed horized to be charged to deposit accor ccount number: -0344 icate copy of this page if paying by de	unt
<ul> <li>5. Name ar concerni</li> <li>Name:</li> <li>Address:</li> <li>9. Statemed To the boots</li> </ul>	Addition ad address of party to whom correspond ng this document should be mailed: David E. Boone, Esq. THERAVANCE, INC. Attn: Legal Department 901 Gateway Boulevard	080 DO NOT USE	ched? ☐ Yes 6. Total num 7. Total fee ( ☐ Encl ☑ Auth 8. Deposit au <u>50-</u> (Attach dupli <b>THIS SPACE</b>	s 🖾 No ber of applications and patents involv (37 CFR 3.41): \$40.00 losed horized to be charged to deposit accord ccount number: 0344 icate copy of this page if paying by de	unt
<ul> <li>5. Name ar concerni</li> <li>Name:</li> <li>Address:</li> <li>9. Statemer</li> <li><i>To the bris a true</i></li> <li>Jeffrey</li> </ul>	Addition and address of party to whom correspon ing this document should be mailed: David E. Boone, Esq. THERAVANCE, INC. Attn: Legal Department 901 Gateway Boulevard South San Francisco, CA 94 Int and signature. The st of my knowledge and belief, the for copy of the original document.	0080 DO NOT USE	ched? ☐ Yes 6. Total num 7. Total fee ( ☐ Encl ☑ Auth 8. Deposit au <u>50-</u> (Attach dupli <b>THIS SPACE</b> ation is true a	s $\boxtimes$ No ber of applications and patents involv (37 CFR 3.41): \$40.00 losed horized to be charged to deposit account ccount number: .0344 icate copy of this page if paying by de ind correct and any attached copy $\square U - \Pi - 2 \cup C$	unt
<ul> <li>5. Name ar concerni</li> <li>Name:</li> <li>Address:</li> <li>9. Statemer</li> <li><i>To the bris a true</i></li> <li>Jeffrey</li> </ul>	Addition and address of party to whom correspon ing this document should be mailed: David E. Boone, Esq. THERAVANCE, INC. Attn: Legal Department 901 Gateway Boulevard South San Francisco, CA 94 Addition	0080 DO NOT USE	ched? ☐ Yes 6. Total num 7. Total fee ( ☐ Encl ☑ Auth 8. Deposit au <u>50-</u> (Attach dupli <b>THIS SPACE</b> ation is true a	s $\boxtimes$ No ber of applications and patents involv (37 CFR 3.41): \$40.00 losed horized to be charged to deposit account ccount number: .0344 icate copy of this page if paying by de ind correct and any attached copy $\underbrace{1 \cup -11 - 2 \cup 0}_{\text{Date}}$	unt posit account)
<ul> <li>5. Name ar concerni</li> <li>Name:</li> <li>Address:</li> <li>9. Statement</li> <li>70 the builts a true</li> <li>Jeffrey J</li> </ul>	Addition and address of party to whom correspon- ing this document should be mailed: David E. Boone, Esq. THERAVANCE, INC. Attn: Legal Department 901 Gateway Boulevard South San Francisco, CA 94 Addition Attn: Legal Department 901 Gateway Boulevard South San Francisco, CA 94 Addition 10000036 500344Matter Statements to be	DO NOT USE	<ul> <li>ched? ☐ Yes</li> <li>6. Total num</li> <li>7. Total fee (</li> <li>☐ Encl</li> <li>☑ Auth</li> <li>8. Deposit at</li> <li>50-</li> <li>(Attach dupli</li> <li>THIS SPACE</li> <li>ation is true a</li> <li>ation is true a</li> <li>ignature (</li> <li>over sheet, att</li> <li>equired cover</li> </ul>	s $\boxtimes$ No ber of applications and patents involv (37 CFR 3.41): \$40.00 losed horized to be charged to deposit account ccount number: .0344 icate copy of this page if paying by de ind correct and any attached copy $\underbrace{1 \cup -11 - 2 \cup 0}_{\text{Date}}$ tachments, and documents: sheet information to:	unt posit account)

## Assignment

This **Assignment**, by **Paul Fatheree**, residing at 921 Minnesota Street, San Francisco, CA; **Martin Linsell**, residing at 37 Coso Avenue, San Francisco, CA; **Daniel D. Long**, residing at 3855 21st Street, #3, San Francisco, CA 94114; **Daniel Marquess**, 2037 Touraine Lane, Half Moon Bay, CA; **Edmund J. Moran**, residing at 131 Chaves, San Francisco, CA; **Matthew Nodwell**, residing at 1221 Masonic Avenue, Apt. #12, San Francisco, CA 94117; **S. Derek B. Turner**, residing at 77 Paloma Avenue, Apt. 37, Pacifica, CA; **James Aggen**, residing at 1105 Bayswater Avenue #1, Burlingame, CA (hereinafter referred to as "the **Assignors**"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **Cross-Linked Glycopeptide-Cephalosporin Antibiotics** set forth in an application for Letters Patent of the United States,

- which is a provisional application
  - $\Box$  to be filed herewith; or
  - bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_\_or
- which is a non-provisional application
  - $\boxtimes$  to be filed herewith; or
  - bearing Application No. \_\_\_\_\_, and filed on \_\_\_\_; and

WHEREAS, **Theravance, Inc.**, a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 901 Gateway Boulevard, South San Francisco, California 94080 (hereinafter referred to as "the **Assignee**"), is desirous of acquiring the entire right, title and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and Assignment not been made:

. .

Page 1 of 6

PATENT REEL: 013384 FRAME: 0736

P-133-US1

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title and interest in and to the inventions set forth in said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions, without charge to the Assignor, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors, legal representatives and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives and assigns.

Date_ 9/24/07	Signature of Assignor_	for hitte
		Papi R. Fatheree
State of California		
County of <u>San Mateo</u>		
On September 24, 2002 R	pefore me, <u>BarbaraB</u>	ryant, Notary Public
personally appeared Paul	K. Fatheree	
Ø personally known to me – <del>OR - ⊟ p</del>	roved to me on the basic	of satisfactory evidence to be
the person (s) whose name (s) (is) are su	bscribed to the within inst	trument and acknowledged to
me that ne should be executed the sam		
nis/ber/their signature(s) on the instrum	nent the person(s), or the	entity upon behalf of which the
person(s) acted, executed the instrume	ent.	

WITNESS my hand and official seal.

n. bacat

Signature of Notary Public



Page 2 of 6

P-133-US1

Date9/29/02Signature of Assignor
State of Martin S. Linself
County of San Mateo
on September 24, 2003 before me, Beirbara Bryant, notary Public
personally appeared <u>Martin 5. Linsell</u>
Apersonally known to me – OR - I proved to me on the basic of satisfactory evidence to be
the person(s) whose name is an subscribed to the within instrument and acknowledged to
me that he she/they executed the same in his/her/their authorized capacity/ies), and that by
his/ber/their signature(s) on the instrument the person (s), or the entity upon behalf of which the
person (x) acted, executed the instrument.
WITNESS my hand and official seal. BARBARA BRYANT Commission # 1274669 Notary Public — California San Mateo County My Comm. Expires Sep 17, 2004
Date 9/24/02 Signature of Assignor Daniel D. Long Daniel D. Long
County of <u>San Mateo</u>
On <u>September 24, 2002</u> before me, <u>Barhara Bryant, Notary Public</u> , personally appeared Danie 1 D Long
personally known to me – OR - D proved to me on the basic of satisfactory evidence to be
the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to
me that neisher they executed the same in his her/their authorized capacity (ies), and that by

(his/her/their-signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

report

Signature of Notary Public



Page 3 of 6

Date 09/30/2002 Signature of Assignor DMUSWY
State of <u>California</u>
County of San mateo
On <u>September 30, 2002</u> before me, <u>Barbara Bryant, Notary Public</u> personally appeared <u>Paniel marquess</u>
A personally known to me – <del>OR - □ proved to me on the basic of satisfactory evidence t</del> o be
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to
me that heishetteey executed the same in his/heirtheir authorized capacity res), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.
WITNESS my hand and official seal.
Babacaby ant Signature of Notary Public
Date Sept 25, LOO2 Signature of Assignor Edmund J. Moran
State of ////ifornia
County of San Mateo
On <u>September 25, 2003</u> before me, <u>Barbara Bryant, Notary Public</u> personally appeared <u>Edmund J. Moran</u>
personally appeared <u>Edmund J. Moran</u>
x personally known to me – Q <del>R - □ proved to me on the basic of satisfactory eviden</del> ce to be
the person(s) whose name (sy is/are subscribed to the within instrument and acknowledged to
me that ne/sme/they executed the same in his/ber/their authorized capacity(ies), and that by
his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the
person(\$) acted, executed the instrument.

WITNESS my hand and official seal.

Balla Bry ant Signature of Notary Fublic

BARBARA BRYANT Commission # 1274667 Notary Public --- California San Mateo Courty My Comm. Expires Sep 17, 2004

Ţ

P-133-US1

Page 4 of 6

Date <u>Sept 24/02</u> Signature of Assignor\_

Matthew B. Nodwell

State of California
County of <u>San Mate 6</u>
On September 24, 2002 before me, Barbara Bryant, Motary Public personally appeared Matthew B. Nod we 11
personally appeared <u>matthew</u> B. Mod well,
□ personally known to me – OR - Ď proved to me on the basic of satisfactory evidence to be
the person(s) whose name(s) (share subscribed to the within instrument and acknowledged to
me that he/specthey executed the same in his/per/their authorized capacity(ies), and that by
his/ber/their signature(x) on the instrument the person(x), or the entity upon behalf of which the
person(s) acted, executed the instrument.
MUTNESS my hand and official seal

SS my hand and official seal.

Barbara Myant Signature of Notary Public

9 30 02 Signature of Assignor Date S. Derek Turner State of California State of <u>Cectorement</u> County of <u>Sain Mateo</u> On <u>September 30, 2002</u> before me, <u>Barbara Bryant</u>, <u>Notary Public</u> S <u>Derek Turner</u> A personally known to me - OR - - proved to me on the basic of satisfactory evidence to be

the person(s) whose name (s) (s) a subscribed to the within instrument and acknowledged to me that he same in his her authorized capacity (ies), and that by his/))sr/their signature (s) on the instrument the person (s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

abara Bryant



Comm. Fee 

Page 5 of 6

Date Sept. 27, 2002 Signature of Assignor James Aggen
State of (ilifornia
County of <u>Gan Mateo</u>
On <u>September 27, 2003</u> before me, <u>Barbara Bryant, Notary Public</u> personally appeared <u>James Aggen</u>
personally appeared Jaines Aggen,
Dersonally known to me - OR - A proved to me on the basic of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to
me that he she they executed the same in his ber their authorized capacity (ies), and that by
his her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

alla upryant

Signature of Notary Public



P-133-US1

Page 6 of 6

PATENT REEL: 013384 FRAME: 0741

## RECORDED: 10/11/2002