Form PTO-1595 RECOR' (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	- 2002 U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
Tab settings	Attorney's Docket No.:P-134-US1		
To the Honorable Commissioner of F 10221	2084		
Name of conveying party(ies):	2. Name and address of receiving party(ies)		
Junning Lee Jyanwei Liu	Name: THERAVANCE, INC.		
Additional name of conveying party(ies) attached? ☐ Yes ☒ No	Street Address: 901 Gateway Boulevard South San Francisco, CA 94080		
3. Nature of conveyance: ☑ Assignment ☐ Merger	Additional Name(s) & address(es) attached? ☐ Yes ☒ No		
☐ Security Agreement ☐ Change of Name			
Other Execution Dates: August 5, 2002; August 7, 2002			
A. Patent Application No.(s) Additional numbers at	B. Patent No.(s) ached? □ Yes ☒ No		
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1		
Name: David E Boons Eng	7. Total fee (37 CFR 3.41): <u>.\$40.00</u>		
Name: David E. Boone, Esq.	☐ Enclosed		
Address: THERAVANCE, INC. Attn: Legal Department	Authorized to be charged to deposit account		
901 Gateway Boulevard	Deposit account number:		
South San Francisco, CA 94080	<u>50-0344</u>		
02 DBYRNE 00000032 500344 10226988	(Attach duplicate copy of this page if paying by deposit account)		
1 40.00 CH) DO NOT US	E THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Jeffrey Hagenah, Reg. No. 35,175 Name of Person Signing Name of Person Signing Name of Person Signing			

Total number of pages including cover sheet, attachments, and documents: 4 Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

REEL: 013238 FRAME: 0209

Assignment

This Assignment, by Junning Lee, residing at 822 San Carlos Avenue, El Granada, CA; and Jyanwei Liu, residing at 681 Endicott Drive, Sunnyvale, CA: (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in Process For Preparing Glycopeptide Derivatives set forth in an application for Letters Patent of the United States.

	whic	which is a provisional application to be filed herewith; or					
×	whic	bearing Application No	, and filed o		or		
	W) IIC	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;

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, or any reissue or extension of any 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 August 5, 2022 Signature of Assignor Junificate

State of California

County of San Mateo

On August 5, 2022 before me, Barbara Bryant Motary Public personally appeared Tunning Lee

Apersonally known to me - OR - proved to me on the basic of satisfactory evidence to be the person whose name is sare subscribed to the within instrument and acknowledged to me that has the times executed the same in his her times authorized capacity (less), and that by his her times is signature (s) on the instrument the person (s), or the entity upon behalf of which the person (s) acted, executed the instrument.

Page 2 of 3

Commission # 1274669 lotary Public -- California

San Mateo Courty

My Comm. Expires Sep 17, 2004

Date	8/7/02	Signature of Assignor In Vince
		∬yanwei Liu
State of	California	<i></i>
County of	of <u>San Mateo</u>	
On Au	gust 7,2002	before me, Barbara Bryant, Notary Public wei Liv
persona	lly appeared <u>Jyan</u> ı	wei LIU
perso	nally known to me – OR - 🖂	proved to me on the basic of satisfactory evidence t o be
the pers	on(s) whose name(s)(s)are	subscribed to the within instrument and acknowledged to
me that	he)she/they executed the sa	ame in his/h er/their authorized capacity(ies), and that by
his)her/t	heir signature(s) on the instr	rument the person(﴿﴿), or the entity upon behalf of which the
person	acted, executed the instru	ment.
WITNES	SS my hand and official seal	Commission # 1274669
	Bawarahyant Signature of Notary Public	Notary Public — California & San Mateo County My Comm. Expires Sep 17, 2004

RECORDED: 08/23/2002