THERAVANCE PATENT

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RECORDATION FORM COVER SHEET PATENTS ONLY					
	se record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)				
1. Yu-Hua Ji 5. YongQi Mu	Name: Theravance, Inc.				
2. Craig Husfeld 3. Christopher Lange 4. Rick Lee	Internal Address:				
Additional name(s) of conveying party(ies) attached? Yes ✓ No 3. Nature of conveyance/Execution Date(s): 4) 06-17-08; 5) 06-06-08 Execution Date(s): 1) 06-25-08; 2) 06-10-08; 3) 07-23-08; √	Street Address: 901 Gateway Boulevard				
✓ Assignment Merger Security Agreement Change of Name	City: South San Francisco				
Joint Research Agreement	State: California				
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: USA Zip:94080				
Other	Additional name(s) & address(es) attached? 🗌 Yes 🗹 No				
Application or patent number(s): A. Patent Application No.(s) 12/070,780 Additional numbers att	document is being filed together with a new application. B. Patent No.(s)				
5. Name and address to whom correspondence					
concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name:Jeffrey A. Hagenah, Reg. No. 35,175	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address:	Authorized to be charged by credit card				
	Authorized to be charged to deposit account				
Street Address: 901 Gateway Boulevard	 Enclosed None required (government interest not affecting title) 				
City: South San Francisco	8. Payment Information				
State: <u>California</u> Zip: <u>94080</u>	a. Credit Card Last 4 Numbers Expiration Date				
Phone Number: <u>(650) 808-6000</u>					
Fax Number: (650) 808-6078	b. Deposit Account Number <u>50-0344</u>				
Email Address:	Authorized User Name <u>Shelley Eberle</u>				
9. Signature: Mulling Cherle Signature	July 29, 2008 Date				
Shelley Eberle, Reg. No. 31,411 Name of Person Signing	Total number of pages including cover 9 sheet, attachments, and documents:				
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450					

Assignment

This **Assignment**, by **Yu-Hua JI**, residing at 700 Freeport Lane, Redwood City, CA 94065 ; **Craig HUSFELD**, residing at 3811 Farm Hill Boulevard, Redwood City, CA 94061 ; **Christopher LANGE**, residing at 6818 Cutting Boulevard, El Cerrito, CA 94530; **Rick LEE**, residing at 951 Bradley Drive, Daly City, CA 94015; and **YongQi MU**, residing at 44 N El Monte, Los Altos, CA 94022 (hereinafter referred to as "the **Assignors**"), witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **Quaternary Ammonium Diphenylmethyl Compounds Useful as Muscarinic Receptor Antagonists** 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. _____, filed on ____;
- which is a non-provisional application
 - to be filed herewith; or
 - bearing Application No. <u>12/070,780</u>, and filed on <u>February 21</u>,

2008; 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, 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

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PATENT REEL: 021317 FRAME: 0339 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;

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.

PATENT REEL: 021317 FRAME: 0340

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Date 6/25/2008	Signature of Assignor	Attorney Docket P-228-US1
State of <u>California</u>		
County of <u>SANMAteo</u>		
On June 25, 2008	_ before me, <u>kever Su</u>	Ko, Notary Public,
personally appeared		/
who proved to me on the basis of sa	tisfactory evidence to be the	person whose name is

subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public



Date 10 June 200	<u>8C</u>	Signature d	of Assignor	in Hulply	
			Crai	ig ∦USFEŁD	
State of C	California				
County ofS	San Mateo	1414 m. 			
On 10 June 30	18be	fore me,	Maria Chuakay,	Notary Public,	
personally appeared	Cre	ig Husfeld			
who proved to me on the basis of satisfactory evidence to be the person whose name is					
subscribed to the within instrument and acknowledged to me that he executed the same in his					
authorized capacity, and that by his signature on the instrument the person, or the entity upon					

authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Maria Chuabay Signature of Notary Public



PATENT REEL: 021317 FRAME: 0342

Date July 23, 2008	Signature of Assignor Christopher LANGE
State ofCalifornia	
County of CONTIZA COST	A Stephante
on 7 23 2.008	<u>A</u> Stephante Aurelia before me, <u>Bandy</u> <u>Notary Public</u> ,
personally appeared	Christopher Lange
who proved to me on the basis of sa	tisfactory evidence to be the person whose name is

subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal. Signaluce of Notary Public



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Date 6/17/2008

Signature of Assignor_

Rick LEE

State of <u>California</u>

County of San Mateo

On JUNE 1714 2008 before me, KIMBERLYS. CLARK Notary Public,

personally appeared ______ Rick Lee

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

NOTARY YUBLC Signature of Notary Public



PATENT REEL: 021317 FRAME: 0344

Date June 6, 2008	Signature of Assignor YongQi MU	Ma
State ofCalifornia		
County of <u>Santa Clara</u>		
On June 6, 2008	before me, <u>Ruth Tubbs</u>	Notary Public,
personally appeared	YongQi Mu	

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public



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