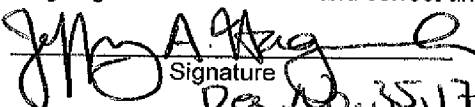
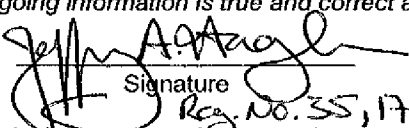


Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Attorney Docket: P-030-US2	
Tab settings ➡ ➡ ➡ ▼ ▼ ▼ ▼ ▼ ▼ ▼					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): 1) James B. Aggen 2) John H. Griffin 3) Mathai Mammen 4) Daniel Marquess 5) Edmund J. Moran 6) David Oare Additional name of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Theravance, Inc. 901 Gateway Boulevard South San Francisco, CA 94080 USA Additional Name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input checked="" type="checkbox"/> Other: <u>CORRECTIVE ASSIGNMENT DOCUMENT</u> <u>Submitted to correct title of patent application, i.e. the term</u> <u>"Agonists" has been corrected to "Antagonists". The original</u> <u>assignment document was recorded on August 5, 2003 at</u> <u>Reel 013857/Frame 0214.</u>					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 10/425,368 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Jeffrey A. Hagenah Theravance, Inc. 901 Gateway Boulevard South San Francisco, CA 94080 USA			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) . . . \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 50-0344 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>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.</i> <u>Jeffrey A. Hagenah</u> Name of person signing  Signature <u>11/21/03</u> Date <u>Reel 013857/Frame 0214</u> Total number of pages including cover sheet, attachments, and documents: 8					

Mail documents to be recorded with required cover sheet information to:
Commissioner for Patents, Mail Stop Assignment Recordation Services, P. O. Box 1450, Alexandria, VA 22313-1450

CH \$40.00 500344 10425368

<div>Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)</div>		<div>RECORDATION FORM COVER SHEET PATENTS ONLY</div>		<div>U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Attorney Docket: P-030-US2</div>	
Tab settings ⇌ ⇌ ⇌ ▼ ▼ ▼ ▼ ▼ ▼ ▼					
To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.					
<div>1. Name of conveying party(ies): 1) James B. Aggen 2) John H. Griffin 3) Mathai Mammen 4) Daniel Marquess 5) Edmund J. Moran 6) David Oare</div> <div>Additional name of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>			<div>2. Name and address of receiving party(ies) Theravance, Inc. 901 Gateway Boulevard South San Francisco, CA 94080 USA</div> <div>Additional Name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>		
<div>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</div> <div>Execution Date: 1) July 29, 2003; 2) July 31, 2003; 3) July 29, 2003; 4) July 31, 2003; 5) July 31, 2003; 6) July 16, 2003</div>					
<div>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 10/425,368 B. Patent No.(s)</div> <div>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</div>					
<div>5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Jeffrey A. Hagenah Theravance, Inc. 901 Gateway Boulevard South San Francisco, CA 94080 USA</div>			<div>6. Total number of applications and patents involved: <u>1</u></div> <div>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</div> <div>8. Deposit account number: 50-0344 (Attach duplicate copy of this page if paying by deposit account)</div>		
DO NOT USE THIS SPACE					
<div>9. Statement and signature. <i>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.</i> <u>Jeffrey A. Hagenah</u> Name of Person Signing  Signature <u>8/5/03</u> Date Total number of pages including cover sheet, attachments, and documents: 7</div>					

Mail documents to be recorded with required cover sheet information to:
Commissioner for Patents, Mail Stop Assignment Recordation Services
P. O. Box 1450, Alexandria, VA 22313-1450

Assignment

This **Assignment**, by **James B. Aggen**, residing at 1311 California Drive, Burlingame, CA 94010; **John H. Griffin**, residing at 56 Walnut Avenue, Atherton, CA 94027; **Mathai Mammen**, residing at 5 Barcelona Circle, Redwood Shores, CA 94065, **Daniel Marquess**, residing at 2037 Touraine Lane, Half Moon Bay, CA 94019, **Edmund J. Moran**, residing at 131 Chaves, San Francisco, CA 94127, **David Oare**, residing at 1622 Ralston Avenue, Belmont, CA 94002; (hereinafter referred to as "the **Assignors**"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **Muscarinic Receptor ~~Agonists~~** set forth in an application for Letters Patent of the United States,

- ☐ which is a provisional application
☐ to be filed herewith; or
☐ bearing Application No. _____ and filed on _____, or
- ☒ which is a non-provisional application
☐ to be filed herewith; or
☒ bearing Application No. 10/425,368 and filed on April 29, 2003; and

Antagonists
1) ~~10/2/03~~ 10/14/03
2) ~~10/2/03~~ 9/30/03 5) ~~10/2/03~~ 09/29/03
3) ~~10/2/03~~ 10/13/03 6) ~~10/2/03~~ 10/02/03

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 Assignors have 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;

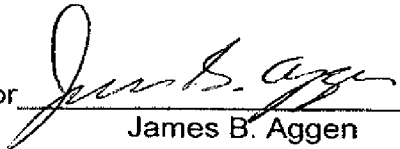
AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owner of the entire right, title and interest in and to the inventions set forth in said applications, including provisional

applications, above-mentioned, and that the same are unencumbered, and that the Assignors have 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 Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives and assigns that the Assignors 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 Assignors, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors , legal representatives and assigns;

AND the Assignors hereby request 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 7/29/03

Signature of Assignor 
James B. Aggen

State of California

County of San Mateo

On July 29, 2003 before me Barbara Bryant, Notary Public personally
appeared James B. Aggen

personally known to me 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.

WITNESS my hand and official seal.


Signature of Notary Public



Date7/31/03

Signature of AssignorJohn H. Griffin

State ofCalifornia

County ofSan Mateo

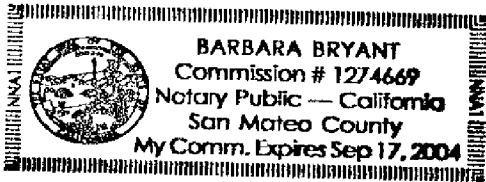
OnJuly 31, 2003before me, Barbara Bryant, Notary Public, personally appearedJohn H. Griffin

personally known to me 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.

WITNESS my hand and official seal.

Barbara Bryant

Signature of Notary Public



Date7/29/03

Signature of AssignorMathai Mammen

State ofCalifornia

County ofSan Mateo

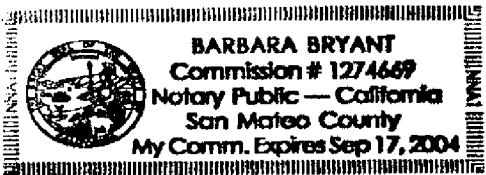
OnJuly 30, 2003before me, Barbara Bryant, Notary Public, personally appearedMathai Mammen

personally known to me 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.

WITNESS my hand and official seal.

Barbara Bryant

Signature of Notary Public



Date07.31.03

Signature of AssignorDaniel Marquess

State of California

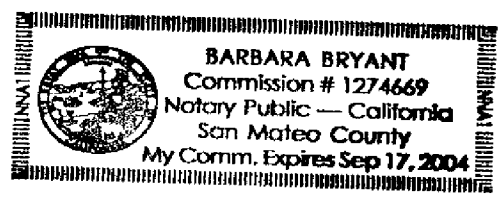
County of San Mateo

On July 31, 2003 before me, Barbara Bryant, Notary Public, personally appeared Daniel Marquess, personally known to me 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.

WITNESS my hand and official seal.

Barbara Bryant

Signature of Notary Public



DateJuly 31, 2003

Signature of AssignorEdmund J. Moran

State of California

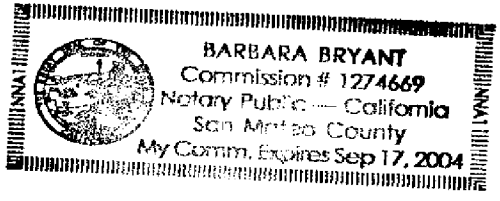
County of San Mateo

On July 31, 2003 before me, Barbara Bryant, Notary Public, personally appeared Edmund J. Moran, personally known to me 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.

WITNESS my hand and official seal.

Barbara Bryant

Signature of Notary Public



Date7/16/03

Signature of AssignorDavid Oare

State ofCalifornia

County ofSan Mateo

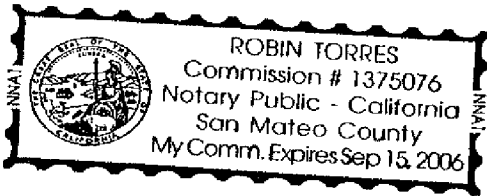
OnJuly 16, 2003before me,Robin Torres, Notary Public,
personally appearedDavid Oare

personally known to me 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.

WITNESS my hand and official seal.

Robin Torres

Signature of Notary Public



Assignment

This **Assignment**, by **James B. Aggen**, residing at 1311 California Drive, Burlingame, CA 94010; **John H. Griffin**, residing at 56 Walnut Avenue, Atherton, CA 94027; **Mathai Mammen**, residing at 5 Barcelona Circle, Redwood Shores, CA 94065; **Daniel Marquess**, residing at 2037 Touraine Lane, Half Moon Bay, CA 94019; **Edmund J. Moran**, residing at 131 Chaves, San Francisco, CA 94127; **David Oare**, residing at 1622 Ralston Avenue, Belmont, CA 94002; (hereinafter referred to as "the **Assignors**"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **Muscarinic Receptor Agonists** set forth in an application for Letters Patent of the United States,

- ☐ which is a provisional application
 - ☐ to be filed herewith; or
 - ☐ bearing Application No. _____, and filed on _____, or
- ☒ which is a non-provisional application
 - ☐ to be filed herewith; or
 - ☒ bearing Application No. 10/425,368 and filed on April 29, 2003; 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 Assignors have 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;

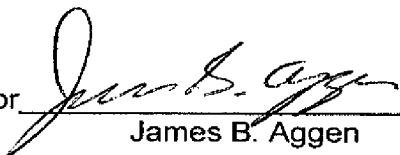
AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owner of the entire right, title and interest in and to the inventions set forth in said applications, including provisional

applications, above-mentioned, and that the same are unencumbered, and that the Assignors have 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 Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives and assigns that the Assignors 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 Assignors, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors , legal representatives and assigns;

AND the Assignors hereby request 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 7/29/03

Signature of Assignor 
James B. Aggen

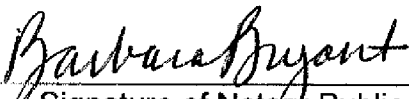
State of California

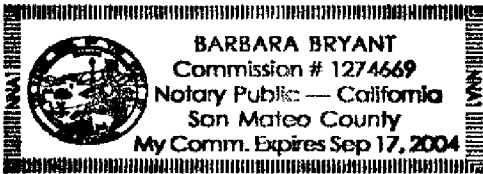
County of San Mateo

On July 29, 2003 before me Barbara Bryant, Notary Public personally
appeared James B. Aggen,

personally known to me 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.

WITNESS my hand and official seal.


Signature of Notary Public



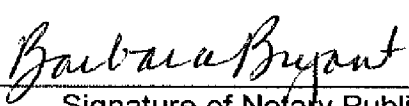
Date 7/31/03 Signature of Assignor 
John H. Griffin

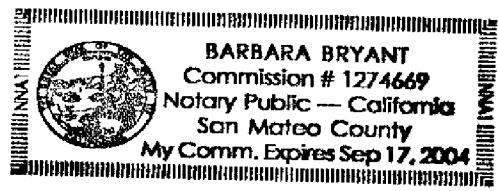
State of California

County of San Mateo

On July 31, 2003 before me, Barbara Bryant, Notary Public, personally appeared John H. Griffin, personally known to me 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.

WITNESS my hand and official seal.


Signature of Notary Public



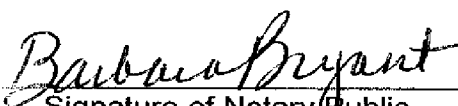
Date 7/29/03 Signature of Assignor 
Mathai Mammen

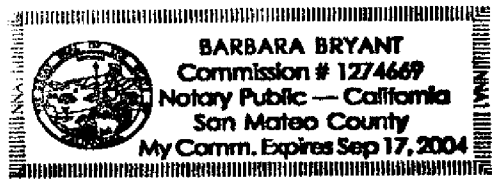
State of California

County of San Mateo

On July 30, 2003 before me, Barbara Bryant, Notary Public, personally appeared Mathai Mammen, personally known to me 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.

WITNESS my hand and official seal.


Signature of Notary Public



Date07.31.03

Signature of AssignorDaniel Marquess

State of California

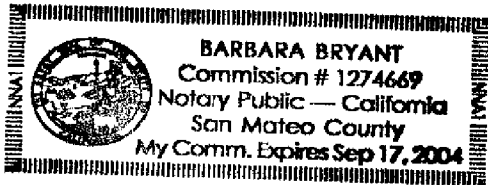
County of San Mateo

On July 31, 2003 before me, Barbara Bryant, Notary Public, personally appeared Daniel Marquess, personally known to me 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.

WITNESS my hand and official seal.

Barbara Bryant

Signature of Notary Public



DateJuly 31, 2003

Signature of AssignorEdmund J. Moran

State of California

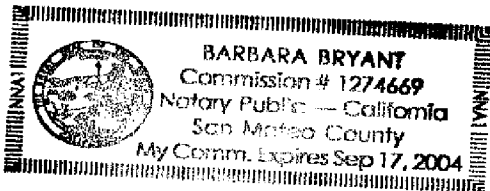
County of San Mateo

On July 31, 2003 before me, Barbara Bryant, Notary Public, personally appeared Edmund J. Moran, personally known to me 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.

WITNESS my hand and official seal.

Barbara Bryant

Signature of Notary Public



Date7/16/03

Signature of AssignorDavid Oare

State ofCalifornia

County ofSan Mateo

On July 16, 2003 before me, Robin Torres, Notary Public,
personally appeared David Oare,
personally known to me 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.

WITNESS my hand and official seal.

Robin Torres

Signature of Notary Public

