Form PTO-1595 (Rev. 08/05)

THERAVANCE PATENT

	ORM COVER SHEET TS ONLY
	ase record the attached documents or the new address(es) below.
	be record the attached documents of the new address(es) below.
1. Name of conveying party(ies): 1. Yu-Hua Ji 2. Mathai Mammen	2. Name and address of receiving party(ies)
3. Craig Husfeld 4. Li Li 5. YongQi Mu 6. Aaron Kushner	Name: Theravance, Inc.
7. Eric Stangeland 8. Trevor Mischki 9. Adam Hughes 10. Sarah Dunham	Internal Address:
Additional name of conveying party(ies) attached?	
3. Nature of conveyance:	Street Address: 901 Gateway Boulevard
Execution Date(s) 1. July 27, 2006 2. July 27, 2006	
3. July 27, 2006 4. July 27, 2006 5. July 27, 2006 6. July 24, 2006 7. July 27, 2006 8. August 17, 2006	
9. July 27, 2006 10. Sept. 7, 2006	City: South San Francisco
Assignment Merger	State: <u>California</u>
Security Agreement Change of Name	Country: USA Zip: 94080
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Additional Name(s) & address(es) attached? [] Yes 🛛 No
Other	1
Additional numbers at	
5. Name and address of party to whom correspondence	6. Total number of applications and patents
concerning this document should be mailed:	
concerning this document should be mailed: lame: Jeffrey A. Hagenah	6. Total number of applications and patents
concerning this document should be mailed: lame: Jeffrey A. Hagenah	6. Total number of applications and patents involved: <u>1</u>
concerning this document should be mailed: lame: Jeffrey A. Hagenah	6. Total number of applications and patents involved: 17. Total fee (37 CFR 1.21(h) & 3.41)\$ 40,00
concerning this document should be mailed: ame: Jeffrey A. Hagenah	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 Authorized to be charged by credit card
concerning this document should be mailed: lame: Jeffrey A. Hagenah nternal Address: Street Address: 901 Gateway Boulevard	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 □ Authorized to be charged by credit card ☑ Authorized to be charged to deposit account
concerning this document should be mailed: lame: Jeffrey A. Hagenah Internal Address:	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
concerning this document should be mailed: lame: Jeffrey A. Hagenah internal Address:	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information
concerning this document should be mailed: Jame: Jeffrey A. Hagenah Internal Address:	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 □ Authorized to be charged by credit card □ Authorized to be charged to deposit account □ Enclosed □ None required (government interest not affecting title)
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concerning this document should be mailed: lame: Jeffrey A. Hagenah internal Address;	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
concerning this document should be mailed: Name: Jeffrey A. Hagenah Internal Address:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 □ Authorized to be charged by credit card ☑ Authorized to be charged by credit card ☑ Authorized to be charged to deposit account □ Enclosed ☑ None required (government interest not affecting title) 8. Payment Information a. Credit Card a. Credit Card Last 4 Numbers Expiration Date
concerning this document should be mailed: Name: Jeffrey A. Hagenah Internal Address:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 □ Authorized to be charged by credit card ☑ Authorized to be charged to deposit account □ Enclosed □ None required (government interest not affecting title) 8. Payment Information a. Credit Card a. Credit Card Last 4 Numbers Expiration Date
Name: Jeffrey A. Hagenah Internal Address: Street Address: 901 Gateway Boulevard Street Address: 901 Gateway Boulevard City: South San Francisco State: CA Zip: 94080 Phone Number: 650-808-6406 State: Cax Number: 650-808-6078 Stanall Address: jhagenah@theravance.com Signature :	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40,00 □ Authorized to be charged by credit card ☑ Authorized to be charged by credit card ☑ Authorized to be charged to deposit account □ Enclosed ☑ None required (government interest not affecting title) 8. Payment Information a. Credit Card a. Credit Card Last 4 Numbers Expiration Date

700286614

REEL: 018265 FRAME: 0101

Assignment

This Assignment, by Yu-Hua Ji, residing at 700 Freeport Lane, Redwood City, CA 94065; Mathai Mammen, residing at 1852 Valparaiso Avenue, Menlo Park, CA 94025; Craig Husfeld, residing at 3811 Farm Hill Blvd, Redwood City, CA 94061; Li Li, residing at 808 Trenton Drive, Sunnyvale, CA 94087;YongQi Mu, residing at 102 Lyell Street, Los Altos, CA 94022; Aaron Kushner, residing at 40917 Arroyo Drive, Irvine, CA 92616; Eric Stangeland, 896 Corona Drive, Pacifica, CA 94044; Trevor Mischki, 1353 Ambridge Way, Ottawa, Ontario, Canada K2C 3T3; Adam Hughes, residing at 1221 Judson Street, Belmont, CA 94002; and Sarah Dunham, residing at 10 Hawksburn Road, South Yarra 3141, Victoria Australia; (hereinafter referred to as "the Assignors"), respectively, witnesseth:

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

whic	h 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. <u>11/451,179</u>, and filed on <u>June 12, 2006</u>; 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;

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATEN^{Page 1 of 7} REEL: 018265 FRAME: 0102

🖾 004

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-inpart 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 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 July 27 2006	Signature of Assignor	
V State of <u>California</u>	Yu-Hua JI	
County of <u>San Mateo</u>		
On July 21, 2006	before me, Maria Chuakay , Notary Public	_,
personally appeared <u>Yu-Hua</u>	a JI	_,

X personally known to me or \Box 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.

WITNESS my hand and official seal.

Thania Chushay

Signature of Notary/Public



Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT REEL: 018265 FRAME: 0103

Date	,
State of California	
State of <u>California</u>	
County of <u>San Mateo</u>	
On July 29, 2006 before me, <u>Maria Chuakay</u> , <u>Notary Public</u>	 ,
personally appeared Mathai MAMMEN	_,
$oxed{x}$ personally known to me or \square 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.	
WITNESS my hand and official seal. MARIA CHUAKAY COMM. # 1632136 NOTARY PUBLIC - CALIFORNIA SAM MATEO COUNTY MY COMM. EXP. DEC. 20, 2009 T	
Date July, 27, 2006 Signature of Assignor Craig Husfeld	
State of <u>California</u>	
County of <u>San Mateo</u>	
On <u>July 27, 2006</u> before me, <u>Maria Chuakay</u> , <u>Notary Public</u> personally appeared <u>Craig HUSFELD</u>	_
personally appeared Craig HUSFELD	,,
\mathbf{X} personally known to me or \Box 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.	

WITNESS my hand and official seal.

Maria Chulay

Signature of Notary Public

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1



PATENT^{Page 3 of 7} REEL: 018265 FRAME: 0104

Date7/27/06	Signature of AssignorLi Li
State of <u>California</u>	
County of <u>San Mateo</u>	
On <u>July 27, 2006</u> personally appeared	before me, <u>Maria Chuakay , Notary Public</u> , Li Լl
🗶 personally known to me or 🗔 prove	ed to me on the basis of satisfactory evidence to be the the within instrument and acknowledged to me that she
executed the same in her authorized of	capacity, and that by her signature on the instrument the
person, or the entity upon behalf of wh	hich the person acted, executed the instrument.
WITNESS my hand and official seal.	MARIA CHUAKAY COMM. # 1632136 NOTARY PUBLIC-CALIFORMIA SAN MATEO COUNTY MY COMM. EXP. DEC. 20, 2099 T
Jharia Chiralay Signature of Notary Public	
Date06	Signature of Assignor YongQi MU
State ofCalifornia	
County of <u>San Mateo</u>	
On July 27, 2006	before me, <u>Maria Chuakay , Notary Public</u> ,
personally appeared	YongQi MU
⋈ personally known to me or □ prove	d to me on the basis of satisfactory evidence to be the
	he 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.

WITNESS my hand and official seal.

Morra Churchay Signature of Notary Public

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1



PATENT 4 of 7 REEL: 018265 FRAME: 0105

Date	Signature of Assi	
Duto	Signature of Assi	gnor Aaron Kushner
State of <u>California</u>		
County of		:
	before me,	Notony Dublic
personally appeared	Aaron KUSHN	JFR
		of satisfactory evidence to be the
WITNESS my hand and off	behalf of which the person acted	, executed the instrument.
Signature of Notary	Public	(Seal of Notary)
Date_July 27, 2	.006 Signature of Assig	Eric STANGELAND
State of <u>California</u>	· · · · · · · · · · · · · · · · · · ·	:
County of <u>San Mateo</u>		:
On <u>July 21, 202</u> personally appeared	before me, <u>Maria</u> Eric STANGEL	a Chuakay , Notary Public
Xpersonally known to me	or \Box proved to me on the basis (of satisfactory evidence to be the
		and acknowledged to me that he
		is signature on the instrument the
	ehalf of which the person acted,	

WITNESS my hand and official seal.

M. Signature of Notary Public

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1



PATENT^{Page 5 of 7} REEL: 018265 FRAME: 0106

			-
Date	Signature of /	Assignor Trevor MISCHK	
On	before me,	, Notary Public	⁸
personally appeared <u>Trevor MISC</u>	HKI		
□ personally known to me or □ pro	oved to me on the b	asis of satisfactory evidence to l	oe the
person whose name is subscribed executed the same in his authorize person, or the entity upon behalf of	d capacity, and that	t by his signature on the instrum	
WITNESS my hand and official sea	ıl.		-
Signature of Notary Public		(Seal of Notary)	
Date July 27th 2006	_ Signature of A	Assignor A.D.A.Len Adam/HUGHES	
State of <u>California</u>			•
County of <u>San Mateo</u>			
On July 21, 2006	hefore me	Maria Chuakay Notary Ruh	lia
personally appeared	Adam HU(GHES	
personally known to me or □ pro			' be the
person whose name is subscribed t	o the within instrum	ent and acknowledged to me the	at he
executed the same in his authorized	d capacity, and that	by his signature on the instrume	ent the
person, or the entity upon behalf of	which the person a	cted, executed the instrument.	
WITNESS my hand and official sea		MARIA CHUAKAY Comm. # 1632136 Notary Public - California Sah Mateo County My Comm. Exp. Dec. 20, 2009	

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT 6 of 7 REEL: 018265 FRAME: 0107

Date	Signature of Assigno	or	
	j ang	Sarah DUNHAM	
State of	-		
County of	_		
On	_ before me,	, Notary Public	
personally appeared	Sarah DUNHA	<u>\M</u>	
□ personally known to me or □ prov	ed to me on the basis of	satisfactory evidence to be the	
person whose name is subscribed to	the within instrument an	d acknowledged to me that she	•
executed the same in her authorized			
person, or the entity upon behalf of w	/hich the person acted, e	xecuted the instrument.	
WITNESS my hand and official seal.			
Signature of Notary Public		(Seal of Notary)	

Assignment

This **Assignment**, by **Yu-Hua Ji**, residing at 700 Freeport Lane, Redwood City, CA 94065; **Mathai Mammen**, residing at 1852 Valparaiso Avenue, Menlo Park, CA 94025; **Craig Husfeld**, residing at 3811 Farm Hill Blvd, Redwood City, CA 94061; Li Li, residing at 808 Trenton Drive, Sunnyvale, CA 94087;**YongQi Mu**, residing at 102 Lyell Street, Los Altos, CA 94022; **Aaron Kushner**, residing at 40917 Arroyo Drive, Irvine, CA 92616; **Eric Stangeland**, 896 Corona Drive, Pacifica, CA 94044; **Trevor Mischki**, 1353 Ambridge Way, Ottawa, Ontario, Canada K2C 3T3; **Adam Hughes**, residing at 1221 Judson Street, Belmont, CA 94002; and **Sarah Dunham**, residing at 10 Hawksburn Road, South Yarra 3141, Victoria Australia; (hereinafter referred to as "the **Assignors**"), respectively, witnesseth;

WHEREAS, the Assignors have invented certain new and useful improvements in **Biphenyl Derivatives Useful For Muscarinic Receptor Antagonists** 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. <u>11/451,179</u>, and filed on <u>June 12, 2006</u>; 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;

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 1 of 7} REEL: 018265 FRAME: 0109 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-inpart 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 Assigner, 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			Signature	of Assignor		
State of	California				Yu-Hua JI	
County of	San Mateo					
On		bet	ore me,	Maria Chuakay	, Notary Public	·
personally a	ppeared	Yu-Hua JI				,
□ personally	known to me o	or 🗆 proved t	o me on th	e basis of satisfact	ory evidence to be t	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.

WITNESS my hand and official seal.

Signature of Notary Public

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 2 of 7} REEL: 018265 FRAME: 0110

Date	Signature of	AssignorM	
		M	athai MAMMEN
State of <u>California</u>			
County of <u>San Mateo</u>			
On	_before me,	Maria Chuakay	, Notary Public
personally appeared <u>Mathai</u>	MAMMEN		
\Box personally known to me or \Box prov			
person whose name is subscribed to	the within instru	ment and acknowle	dged to me that he
executed the same in his authorized			
person, or the entity upon behalf of w			
WITNESS my hand and official seal.			
Signature of Notary Public			
Data	Cignoture of	A	
Date	Signature of	AssignorCr	aig HUSFELD
State of <u>California</u>			
County of <u>San Mateo</u>			
On	before me,	Maria Chuakay	, Notary Public ,
personally appeared <u>Craig H</u>	USFELD		······································
□ personally known to me or □ prove	ed to me on the l	basis of satisfactory	evidence to be the
person whose name is subscribed to	the within instrur	nent and acknowled	laed to me that he
executed the same in his authorized o			
person, or the entity upon behalf of w			
WITNESS my hand and official seal.			

Date	Signature	of Assignor	
		L	i LI
State of <u>California</u>			
County of <u>San Mateo</u>			
On	_ before me,	Maria Chuakay	, Notary Public
personally appeared	Li Li		
\Box personally known to me or \Box prov	ved to me on th	e basis of satisfactor	y evidence to be the
person whose name is subscribed to executed the same in her authorized person, or the entity upon behalf of v	l capacity, and	that by her signature	on the instrument the
WITNESS my hand and official seal			
Signature of Notary Public			
Date	Signature	of AssignorY	ongQi MU
State of <u>Calif</u> ornia			
County of <u>San Mateo</u>	*** <u>Brithalli Airean</u>		
On personally appeared	_ before me, Yong	Maria Chuakay 2Qi MU	, Notary Public,
□ personally known to me or □ prov	ed to me on the	e basis of satisfactory	evidence to be the
person whose name is subscribed to executed the same in her authorized person, or the entity upon behalf of w WITNESS my hand and official seal.	capacity, and t which the perso	hat by her signature	on the instrument the
			4

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 4 of 7} REEL: 018265 FRAME: 0112

PATENT Page 5 of 7

REEL: 018265 FRAME: 0113

Date
State of
County of ORANGE
On 07/24/2006 before me, HUNG MANH DANG: Notary Public,
personally appeared, Aaron KUSHNER,
□ personally known to me or 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.
WITNESS my hand and official seal.
Signature of Notary Public (Seal of Notary)
Date Signature of Assignor Eric STANGELAND
State ofCalifornia
County of <u>San Mateo</u>
On before me, <u>Maria Chuakay , Notary Public</u> , personally appeared,
\square personally known to me or \square 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.
WITNESS my hand and official seal.

Signature of Notary Public

PATENT^{Page 6 of 7}

REEL: 018265 FRAME: 0114

Date	Signature of Assignor_	Trevor MISCHKI	
		Trevor MISCHKI	
On b	efore me, <u>No</u>	tary Public	,9
personally appeared <u>Trevor MISCHKI</u>			1
\Box personally known to me or \Box proved	to me on the basis of sa	tisfactory evidence to be	the
person whose name is subscribed to th executed the same in his authorized ca person, or the entity upon behalf of whi	pacity, and that by his sig	gnature on the instrument	
WITNESS my hand and official seal.	in no person doled, exe	cuted the instrument.	
Signature of Notary Public		(Seal of Notary)	
Date State ofCalifornia	· · · ·	Adam HUGHES	
County of <u>San Mateo</u>			
On be personally appeared personally known to me or _ proved person whose name is subscribed to the executed the same in his authorized cap person, or the entity upon behalf of whice WITNESS my hand and official seal.	Adam HUGHES to me on the basis of sat within instrument and a pacity, and that by his sig	, isfactory evidence to be t cknowledged to me that h nature on the instrument	ne

Signature of Notary Public

Date	Signature of Assignor	
		Sarah DUNHAM
State of		
County of		
On	before me,	, Notary Public,
personally appeared	Sarah DUNHAM	
□ personally known to me or □ prove	ed to me on the basis of sati	sfactory evidence to be the
person whose name is subscribed to	the within instrument and ac	knowledged to me that she
executed the same in her authorized		_
person, or the entity upon behalf of w		
WITNESS my hand and official seal.		

(Seal of Notary)

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 7 of 7} REEL: 018265 FRAME: 0115

Assignment

This Assignment, by Yu-Hua Ji, residing at 700 Freeport Lane, Redwood City, CA 94065; Mathai Mammen, residing at 1852 Valparaiso Avenue, Menlo Park, CA 94025; Craig Husfeld, residing at 3811 Farm Hill Blvd, Redwood City, CA 94061; Li Li, residing at 808 Trenton Drive, Sunnyvale, CA 94087;YongQi Mu, residing at 102 Lyell Street, Los Altos, CA 94022; Aaron Kushner, residing at 40917 Arroyo Drive, Irvine, CA 92616; Eric Stangeland, 896 Corona Drive, Pacifica, CA 94044; Trevor Mischki, 1353 Ambridge Way, Ottawa, Ontario, Canada K2C 3T3; Adam Hughes, residing at 1221 Judson Street, Belmont, CA 94002; and Sarah Dunham, residing at 10 Hawksburn Road, South Yarra 3141, Victoria Australia; (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **Biphenyl Derivatives Useful For Muscarinic Receptor Antagonists** 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.
 - bearing Application No. <u>11/451,179</u>, and filed on <u>June 12, 2006</u>; 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:

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 1 of 7} REEL: 018265 FRAME: 0116 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 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	Signature of Assignor	
State of <u>California</u>	Yu-Hua JI	
County of <u>San Mateo</u>		
On	before me, <u>Maria Chuakay</u> , <u>Notary Public</u>	
personally appeared	Yu-Hua JI	,

□ personally known to me or □ 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.

WITNESS my hand and official seal.

Signature of Notary Public

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 2 of 7} REEL: 018265 FRAME: 0117

Date Signature of Assignor
Date Signature of Assignor Mathai MAMMEN
State of <u>California</u>
County of San Mateo
On before me, Maria Chuakay , Notary Public
personally appeared Mathai MAMMEN
□ personally known to me or □ 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.
WITNESS my hand and official seal.
Signature of Notary Public
Dato Circulture of A. 1
Date Signature of Assignor Craig HUSFELD
State ofCalifornia
County ofSan Mateo
On before me, <u>Maria Chuakay</u> , <u>Notary Public</u> personally appeared <u>Craig HUSFELD</u>
□ personally known to me or □ 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
person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal.

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATEN^{19e 3 of 7} REEL: 018265 FRAME: 0118

					:
Date		Signature of	of AssignorI		
			l	.i [.]	
State of	California				
County of	San Mateo				
On		before me,	Maria Chuakay	, Notary Public	
personally appe	eared	Li Ll			
			basis of satisfacto		the
			ument and acknowl		
			hat by her signature		
			n acted, executed th		
			,		
WITNESS my h	and and official se	eal.			
Signatur	e of Notary Public				
					:
Date		Signature o	f Assignor		
terre delater to the same of			Y	ongQi MU	
State of	alifornia				
County ofS	an Mateo				
	San Mateo		Maria Chuakay	Notany Public	
On		before me,	<u>Maria Chuakay</u> Qi MU	, Notary Public	- - - -
On personally appe	ared	before me, Yong	Qi MU		,
On personally appe ⊐ personally kn	ared own to me or ⊡ pr	before me, Yong roved to me on the	Qi MU basis of satisfactor	y evidence to be t	he
On personally appe ⊐ personally kn person whose n	ared own to me or ⊡ pr ame is subscribed	before me, Yong oved to me on the to the within instru	Qi MU basis of satisfactor ument and acknowle	y evidence to be t edged to me that s	he she
On personally appe ⊐ personally kn person whose n executed the sa	ared own to me or □ pr ame is subscribed me in her authorize	before me, Yong oved to me on the to the within instru ed capacity, and th	Qi MU basis of satisfactor ument and acknowle nat by her signature	y evidence to be t edged to me that s on the instrumen	he she
On personally appe □ personally kn person whose n executed the sa person, or the e	ared own to me or □ pr ame is subscribed me in her authorize ntity upon behalf of	before me, Yong roved to me on the to the within instru- ed capacity, and th f which the person	Qi MU basis of satisfactor ument and acknowle	y evidence to be t edged to me that s on the instrumen	he she
On personally appe □ personally kn person whose n executed the sa person, or the e	ared own to me or □ pr ame is subscribed me in her authorize	before me, Yong roved to me on the to the within instru- ed capacity, and th f which the person	Qi MU basis of satisfactor ument and acknowle nat by her signature	y evidence to be t edged to me that s on the instrumen	he she

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 4 of 7} REEL: 018265 FRAME: 0119

PATEN1

REEL: 018265 FRAME: 0120

Date	_ Signature	e of Assignor		
		Ĩ	Aaron Kushner	
State of <u>California</u>				
County of				
On	before me, _		Notary Public	
personally appeared	Aaror	KUSHNER		,
□ personally known to me or □ pro	oved to me on t	he basis of satisfacto	ry evidence to be	e the
person whose name is subscribed t	to the within ins	trument and acknowl	edged to me that	at he
executed the same in his authorized	d capacity, and	that by his signature	on the instrume	nt the
person, or the entity upon behalf of	which the pers	on acted, executed th	ne instrument.	
WITNESS my hand and official seal	I			
Signature of Notary Public		(Sea	l of Notary)	
G		(008	r or ryotary)	
D-4-				
Date	_ Signature	of Assignor	ric STANGELAN	
State of <u>California</u>		_		
County of <u>San Mateo</u>				
On	_ before me, _	Maria Chuakay	, Notary Public	C
personally appeared	Eric S	TANGELAND		
\Box personally known to me or \Box prov	ved to me on th	e basis of satisfactor	y evidence to be	e the
person whose name is subscribed to	o the within ins	trument and acknowle	edged to me that	t he
executed the same in his authorized	l capacity, and	that by his signature	on the instrumer	nt the
person, or the entity upon behalf of v	which the perso	on acted, executed th	e instrument.	
WITNESS my hand and official seal.				
				ı

Date	17-August-2006	Signature of Assignor 7. Mechler	
		Nothalie L. Ferland Trevor MISCHKI	
On _	August 17 th 2006	before me, <u>, Notary Public</u> ,	
perso	onally appeared Trevor MISCH		

□ personally known to me or w 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.

WITNESS my hand and official seal.

Signature of Notary Public Nothalie L. FERLAND Public Notery (Seal of Notary) Date_____ Signature of Assignor Adam HUGHES State of California County of <u>San Mateo</u> before me, <u>Maria Chuakay</u>, Notary Public, On____ Adam HUGHES personally appeared □ personally known to me or □ 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.

WITNESS my hand and official seal.

Signature of Notary Public

Date	Signature of Assignor	
		Sarah DUNHAM
State of	_	
County of	-	
On	before me,	, Notary Public,
personally appeared	Sarah DUNHAM	
\Box personally known to me or \Box prov	red to me on the basis of sat	isfactory evidence to be the
person whose name is subscribed to	the within instrument and a	cknowledged to me that she
executed the same in her authorized	capacity, and that by her sig	gnature on the instrument the
person, or the entity upon behalf of w	which the person acted, exec	uted the instrument.
WITNESS my hand and official seal.		

(Seal of Notary)

Assignment

This **Assignment**, by **Yu-Hua Ji**, residing at 700 Freeport Lane, Redwood City, CA 94065; **Mathai Mammen**, residing at 1852 Valparaiso Avenue, Menlo Park, CA 94025; **Craig Husfeld**, residing at 3811 Farm Hill Blvd, Redwood City, CA 94061; Li Li, residing at 808 Trenton Drive, Sunnyvale, CA 94087;**YongQi Mu**, residing at 102 Lyell Street, Los Altos, CA 94022; **Aaron Kushner**, residing at 40917 Arroyo Drive, Irvine, CA 92616; **Eric Stangeland**, 896 Corona Drive, Pacifica, CA 94044; **Trevor Mischki**, 1353 Ambridge Way, Ottawa, Ontario, Canada K2C 3T3; **Adam Hughes**, residing at 1221 Judson Street, Belmont, CA 94002; and **Sarah Dunham**, residing at 10 Hawksburn Road, South Yarra 3141, Victoria Australia; (hereinafter referred to as "the **Assignors**"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **Biphenyi Derivatives Useful For Muscarinic Receptor Antagonists** 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.
 - bearing Application No. <u>11/451,179</u>, and filed on <u>June 12, 2006</u>; 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;

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT REEL: 018265 FRAME: 0123 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-inpart 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 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		Signature	of Assignor		
State of	California			Yu-Hua JI	
County of	San Mateo	······			
On		before me,	Maria Chuakay	, Notary Public	
personally ap	peared	Yu-Hua JI			,

 \Box personally known to me or \Box 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.

WITNESS my hand and official seal.

Signature of Notary Public

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATEN^{Page 2 of 7} REEL: 018265 FRAME: 0124

Date Signature of Assignor Mathai MAMMEN State of California County of San Mateo On before me, Maria Chuakay Notary Public personally appeared Mathai MAMMEN □ personally known to me or □ 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.
County of <u>San Mateo</u> On <u>before me, Maria Chuakay</u> , Notary Public personally appeared <u>Mathai MAMMEN</u> personally known to me or 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
On
personally appeared <u>Mathai MAMMEN</u> personally known to me or 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
personally appeared <u>Mathai MAMMEN</u> personally known to me or 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
\Box personally known to me or \Box 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
executed the same in his authorized capacity, and that by his signature on the instrument the
executed the same in his authorized capacity, and that by his signature on the instrument the
WITNESS my hand and official seal.
Signature of Notary Public
Date Signature of Assignor
Date Signature of Assignor Craig HUSFELD
State ofCalifornia
County of <u>San Mateo</u>
On before me, <u>Maria Chuakay Notary Public</u>
personally appeared Craig HUSFELD
□ personally known to me or □ 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.
WITNESS my hand and official seal.

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 3 of 7} REEL: 018265 FRAME: 0125

Date		Signature o	f Assianor	
		5	f AssignorL	i LI
State of	California			
County of	San Mateo			: :
On		_ before me,	Maria Chuakay	, Notary Public
	peared			
personally	known to me or 🗆 prov	ed to me on the	basis of satisfactor	y evidence to be the
	e name is subscribed to			
	same in her authorized			-
	e entity upon behalf of w			
WITNESS my	/ hand and official seal.			:
<u></u>				
Signat	ture of Notary Public	•		
Date		Signature o	f Assignor Ye	
			Y	ongQi MU
State of	California			
County of	San Mateo			
On		before me,	Maria Chuakay	, Notary Public ,
personally ap	peared	Yong	Qi MU	
personally	known to me or 🗋 prove	ed to me on the	basis of satisfactory	/ evidence to be the
person whose	aname is subscribed to	the within instru	ment and acknowle	dged to me that she
executed the	same in her authorized	capacity, and th	at by her signature	on the instrument the
person, or the	entity upon behalf of w	hich the person	acted, executed the	e instrument.
WITNESS my	hand and official seal.			

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATEN^{Page 4 of 7} REEL: 018265 FRAME: 0126

Data				
Dale		Signature of Ass	ignorA	aron Kushner
State of	California			
		before me, Aaron KUSH		
		oved to me on the basi		
person whose executed the	e name is subscribed same in his authorize	to the within instrumen d capacity, and that by f which the person acte	t and acknowle his signature	edged to me that he on the instrument the
WITNESS m	y hand and official sea	al.		
Signa				
Olgric	ature of Notary Public		(Seal	of Notary)
oight	ature of Notary Public		(Seal	of Notary)
-	ature of Notary Public	_ Signature of Assi	gnor	
Date			gnor	of Notary) ric STANGELAND
Date State of	California		gnor	
Date State of County of	California San Mateo		gnorE	ric STANGELAND
Date State of County of On	California San Mateo	before me,Mai	gnorE E	ric STANGELAND
Date State of County of On personally ap	California San Mateo	before me,Mai Eric STANGE	gnorE ia Chuakay	ric STANGELAND
Date State of County of On personally ap	California San Mateo	before me,Mai	gnorE ia Chuakay	ric STANGELAND
Date State of County of On personally ap person whos executed the	<u>California</u> <u>San Mateo</u> opeared known to me or □ pro e name is subscribed to same in his authorized	before me,Mai Eric STANGE	gnorE ia Chuakay LAND of satisfactor and acknowle his signature of	ric STANGELAND , Notary Public , y evidence to be the edged to me that he on the instrument the

Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

PATENT^{Page 5 of 7} REEL: 018265 FRAME: 0127

PATENT 6 of 7

REEL: 018265 FRAME: 0128

Date	Signature of Assignor		:	
			Frevor MISCHKI	
On	_ before me,	, Notary Pul	olic	.,
personally appeared <u>Trevor MISCH</u>	IKI			
□ personally known to me or □ prov	/ed to me on th	e basis of satisfacto	ry evidence to be	the
person whose name is subscribed to	o the within inst	rument and acknow	ledged to me that	he
executed the same in his authorized			-	
person, or the entity upon behalf of v	which the perso	n acted, executed t	ne instrument.	
WITNESS my hand and official seal.				
Signature of Notary Public		(Sea	l of Notary)	
Date	Signature	of Assignor		
	olghataro	4 / Koolghor	Adam HUGHES	
State ofCalifornia				
County of <u>San Mateo</u>				
On	_ before me,	Maria Chuakay	, Notary Public	1
personally appeared	Adam	HUGHES		,
\Box personally known to me or \Box prov	red to me on th	e basis of satisfacto	ry evidence to be	the
person whose name is subscribed to	the within inst	rument and acknowl	edged to me that	he
executed the same in his authorized	capacity, and t	hat by his signature	on the instrument	the
person, or the entity upon behalf of v	vhich the perso	n acted, executed th	ie instrument.	
WITNESS my hand and official seal.				
Olevation of Nation Dates				

Signature of Notary Public

Date9-7-06	_ Signature of Assignor_	S M
State of Maine		Sarah DUNHAM
County of <u>Cumberland</u>		
On September 7, 2006	before me, <u>Chris</u> Martin	, Notary Public
personally appeared	Sarah DUNHAM	

□ personally known to me or ⊡∕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.

WITNESS my hand and official seal.

Signature of Notary Public

CHRIS MARTIN Notary Public, Maine My Commission Expires October 26, 2012 (Seal of Notary)



Application Serial No.: 11/451,179 Attorney Docket No. P-210-US1

RECORDED: 09/13/2006

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