

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chris Allen Broka	10/17/2006
David Scott Carter	10/04/2006
Michael Patrick Dillon	10/05/2006
Anthony P.D.W. Ford	10/04/2006
Ronald Charles Hawley	10/05/2006
Alam Jahangir	10/05/2006
Amy Geraldine Moore	10/05/2006
Daniel Warren Parish	09/29/2006

RECEIVING PARTY DATA

Name:	Roche Palo Alto LLC
Street Address:	3431 Hillview Avenue
Internal Address:	M/S A2-250
City:	Palo Alto
State/Country:	CALIFORNIA
Postal Code:	94304

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11509921

CORRESPONDENCE DATA

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CH \$40.00 11509921

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ATTORNEY DOCKET NUMBER:

R0199B-REG ASSIGN I

NAME OF SUBMITTER:

Julie Dalla

Total Attachments: 7

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ASSIGNMENT I

WHEREAS, We, **Chris Allan Broka, David Scott Carter, Michael Patrick Dillon, Anthony P.D.W. Ford, Ronald Charles Hawley, Alam Jahangir, Amy Geraldine Moore and Daniel Warren Parish** ("Assignors), having the respective addresses indicated below, have invented certain subject matter entitled,

"METHODS OF USING DIAMINOYRIMIDINES AS P2X3 AND P2X2/3 MODULATORS FOR TREATMENT OF RESPIRATORY AND GASTROINTESTINAL DISEASES,"

described in patent application **U.S. Serial No. 11/509,921, filed August 25, 2006**, for Letters Patent of the United States of America (the "Application");

AND WHEREAS, ROCHE PALO ALTO LLC ("Roche"), a company of Delaware, having an address at 3431 Hillview Avenue, Palo Alto, California 94304, desires to perfect its right to the Invention and in the Letters Patent(s) to be obtained therefor from the United States of America and all countries foreign thereto;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors acknowledge Roche's interest in the Invention and hereby assign to Roche for the United States of America and all countries foreign thereto all our rights, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in the Invention, as described and claimed in the Application and its U.S. priority application Serial No. 60/713,243, filed September 1, 2005, or in any subsequent patent application(s) filed under 35 U.S.C. §111(a), claiming benefit of said Application under 35 U.S.C. §119(e), or 35 U.S.C. §120, or in any continuation, continuation-in-part, continued prosecution application, divisional, substitute, reissue, reexamination or extension thereof and any legal equivalent thereof in a country foreign to the United States of America; the Invention, application and Letters Patent(s) to be owned by Roche, its successors, assigns and legal representatives, to the full end of the term for which such Letters Patent(s) may be granted.

ASSIGNMENT I

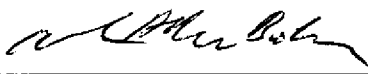
Assignors hereby covenant that they have the full right to convey the entire interest assigned herein and have not executed and will not execute any agreement in conflict herewith.

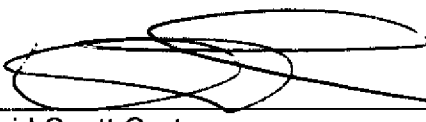
Assignors further covenant to execute and deliver upon request and without undue delay, to Roche, its successors, assigns and legal representatives, all lawful documents necessary or desirable to effect this assignment and perfect the title to the Invention, Application and Letters Patent(s) and all foreign patents and applications claiming priority thereto.

Assignors further covenant to cooperate and participate in any administrative or legal proceeding and execute all lawful documents necessary or desirable for Roche, its successors, assigns and legal representatives to obtain, maintain and enforce patent protection in the Invention in all countries, provided that Roche reimburses Assignors for any expenses incurred therewith by Assignors.

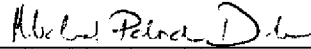
This assignment is effective as of the earlier of the date of execution of this document or the filing date accorded by the United States Patent and Trademark Office to the Application, as indicated in the Filing Receipt for said Application.


I have read and understand this Assignment document for the Application, and agree hereto, as indicated by my signature as set forth below.

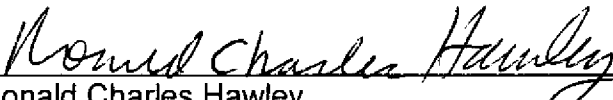
Signature  Date 11/12/06
Chris Allen Broka
821 Shell Boulevard, Foster City, California 94404 (USA)

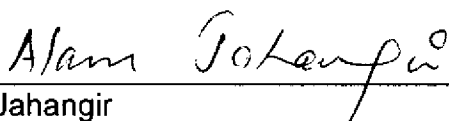
Signature  Date 10/4/06
David Scott Carter
1452 La Cross Drive, Sunnyvale, California 94087 (USA)

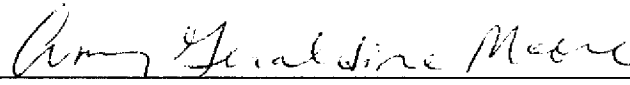
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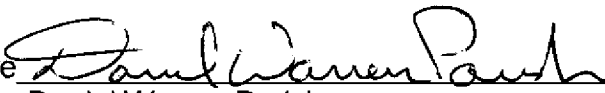
Signature  Date 10/05/2006
Michael Patrick Dillon
275 Romain Street, San Francisco, California 94131 (USA)

Signature  Date 10/04/2006
Anthony P.D.W. Ford
3087 Ross Road, Palo Alto, California 94303 (USA)

Signature  Date 10/05/2006
Ronald Charles Hawley
471 Sherland, Palo Alto, California 94043 (USA)
171 Sherland Avenue, Palo Alto, California 94043 (USA)

Signature  Date 10/05/2006
Alam Jahangir
3655 Valley Ridge Lane, San Jose, California 95148 (USA)

Signature  Date 10/5/06
Amy Geraldine Moore
2368 Adele Avenue, Mountain View, California 94043 (USA)

Signature  Date 9/29/2006
Daniel Warren Parish
1008 Rockrose Avenue, Sunnyvale, California 94086 (USA)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California)
) ss.
County of Santa Clara)

On 9/29/06, before me, Sunita Singh, Notary
DATE NAME, TITLE OF OFFICER - E.G., JANE DOE, NOTARY PUBLIC

personally appeared Daniel Warren Parish —

NAME(S) OF SIGNER(S)

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.

Sunita Singh
SIGNATURE OF NOTARY

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California)
) ss.
County of Santa Clara)

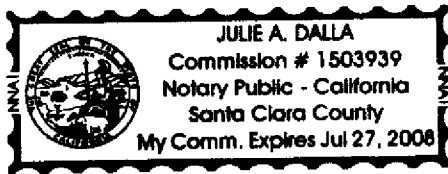
On October 4, 2006, before me, Julie A. Dalla, Notary Public
DATE NAME, TITLE OF OFFICER - E.G. "JANE DOE, NOTARY PUBLIC"

personally appeared David Scott Carter and Anthony P.D.W. Ford

NAME(S) OF SIGNER(S)

personally known to me - OR -

proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.



WITNESS my hand and official seal.

Julie A. Dalla
SIGNATURE OF NOTARY

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California)
) ss.
County of Santa Clara)

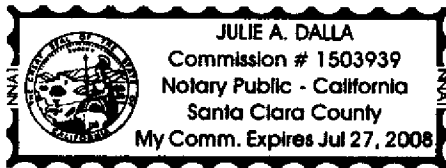
On October 5, 2006, before me, Julie A. Dalla, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Michael Patrick Dillon, Ronald Charles Hawley, Alam Jahangir and Amy Geraldine Moore

personally known to me - OR -

NAME(S) OF SIGNER(S)

proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.



WITNESS my hand and official seal.

Julie A. Dalla
SIGNATURE OF NOTARY

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

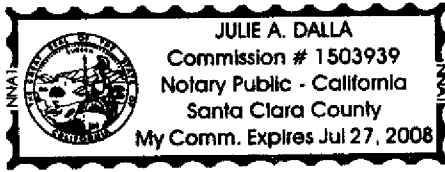
State of California)
) ss.
County of Santa Clara)

On October 17, 2006, before me, Julie A. Dalla, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared Chris Allen Broka
NAME(S) OF SIGNER(S)

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.

Julie A. Dalla
SIGNATURE OF NOTARY