

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Nolan James Dewdney</td><td>03/23/2009</td></tr><tr><td>Yan Lou</td><td>03/23/2009</td></tr><tr><td>Michael Soth</td><td>03/23/2009</td></tr></tbody></table>		Name	Execution Date	Nolan James Dewdney	03/23/2009	Yan Lou	03/23/2009	Michael Soth	03/23/2009				
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Roche Palo Alto LLC</td></tr><tr><td>Street Address:</td><td>3431 Hillview Avenue</td></tr><tr><td>Internal Address:</td><td>M/S A2-250</td></tr><tr><td>City:</td><td>Palo Alto</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94304</td></tr></table>		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
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (650)855-5322 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 650-855-5138													
Email: julie.dalla@roche.com													
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Address Line 2: M/S A2-250													
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ATTORNEY DOCKET NUMBER:	R0388B-REG - ASSIGNMENT I												
NAME OF SUBMITTER:	Julie Dalla												
Total Attachments: 3													

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PATENT

REEL: 022447 FRAME: 0166

ASSIGNMENT I

WHEREAS, We, **Nolan James Dewdney, Yan Lou, and Michael Soth**, ("Assignors), having the respective addresses indicated below, have invented certain subject matter entitled,

"INHIBITORS OF BRUTON'S TYROSINE KINASE" (the "Invention"),

described in patent application **U.S. Serial No. 12/316,343, filed December 11, 2008**, 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. 61/013,762, filed December 14, 2007, 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.

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.

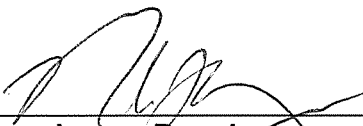
Assignors further covenant to execute and deliver upon request and without undue delay, to Roche, its successors, assigns and legal representatives, all lawful documents necessary or desirable to effect this assignment and perfect the title to the Invention, Application and Letters Patent(s) and all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

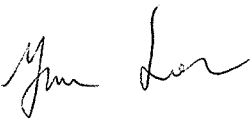
ASSIGNMENT I


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 3/23/2009
Nolan James Dewdney
14595 Horseshoe Drive, Saratoga, California 95070 (USA)

Signature  Date 3/23/09
Yan Lou
1740 Fallbrook Avenue, San Jose, California 95130 (USA)

Signature  Date 3/23/09
Michael Soth
2321 Edsel Drive, Milpitas, California 95035 (USA)

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

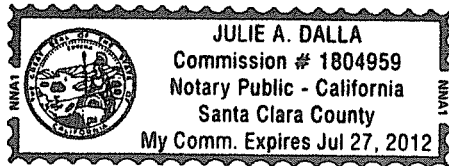
State of California)
) ss.
County of Santa Clara)

On March 23, 2009, before me, Julie A. Dalla, Notary Public
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"
personally appeared Nolan James Dewdney, Yan Lou and Michael Soth.

NAME(S) OF SIGNER(S)

who 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.

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



WITNESS my hand and official seal.

Julie A. Dalla
SIGNATURE OF NOTARY