PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Correct the Assignor's Name Xiaochun Han previously recorded on Reel 030147 Frame 0930. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
STEVEN JOSEPH BERTHEL	09/16/2010
ROLAND JOSEPH BILLEDEAU	09/16/2010
CHRISTINE E. BROTHERTON-PLEISS	09/16/2010
FARIBORZ FIROOZNIA	09/16/2010
STEPHEN DEEMS GABRIEL	09/16/2010
XIAOCHUN HAN	09/16/2010
RAMONA HILGENKAMP	09/16/2010
BUELENT KOCER	09/16/2010
FRANCISCO JAVIER LOPEZ-TAPIA	09/16/2010
YAN LOU	09/16/2010
LUCJA ORZECHOWSKI	09/16/2010
TIMOTHY D. OWENS	09/16/2010
JENNY TAN	09/16/2010

RECEIVING PARTY DATA

Name:	HOFFMANN-LA ROCHE INC.
Street Address:	340 KINGSLAND STREET
City:	NUTLEY
State/Country:	NEW JERSEY
Postal Code:	07110

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13781815

CORRESPONDENCE DATA

Fax Number: 9732352363

PATENT REEL: 030166 FRAME: 0650 13781815

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Email: PAU Correspondent Name: GEC Address Line 1: 340 Address Line 2: HOF	ILA.NEE@ DRGE W. J KINGSLAN FMANN-L	then the fax attempt is unsuccessful. ROCHE.COM OHNSTON ND STREET A ROCHE INC. / JERSEY 07110
ATTORNEY DOCKET NUMBER	:	CASE 26949 US3
NAME OF SUBMITTER:		PAULA NEE
Signature:		/PN/
Date:		04/08/2013
Total Attachments: 5 source=Corrective Assignment 26949 US for 26949 US3 (HAN)#page1.tif source=Corrective Assignment 26949 US for 26949 US3 (HAN)#page2.tif source=Corrective Assignment 26949 US for 26949 US3 (HAN)#page3.tif source=Corrective Assignment 26949 US for 26949 US3 (HAN)#page4.tif source=Corrective Assignment 26949 US for 26949 US3 (HAN)#page5.tif		

PATENT REEL: 030166 FRAME: 0651

Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

CORRECTIVE ASSIGNMENT SUBMISSION TYPE: Corrective Assignment to correct the ASSIGNOR'S NAME FRANCISCO JAVIER LOPEZ-TAPIA previously recorded on Reel NATURE OF CONVEYANCE: 029921 Frame 0487. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
STEVEN JOSEPH BERTHEL	09/16/2010
ROLAND JOSEPH BILLEDEAU	09/16/2010
CHRISTINE E. BROTHERTON-PLEISS	09/16/2010
FARIBORZ FIROOZNIA	09/16/2010
STEPHEN DEEMS GABRIEL	09/16/2010
XIACHUN HAN	09/16/2010
RAMONA HILGENKAMP	09/16/2010
BUELENT KOCER	09/16/2010
FRANCISCO JAVIER LOPEZ-TAPIA	09/16/2010
YAN LOU	09/16/2010
LUCJA ORZECHOWSKI	09/16/2010
TIMOTHY D. OWENS	09/16/2010
JENNY TAN	09/16/2010
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RECEIVING PARTY DATA

Name:	HOFFMANN-LA ROCHE INC.	2
Street Address:	340 KINGSLAND STREET	
City:	NUTLEY	

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State/Country:	NEW JER	SEY
Postal Code:	07110	
PROPERTY NU	MBERS To	ial: 1
Property	Туре	Number
Application Nu	mber:	13781815
CORRESPONDENS Fax Number: Email: Correspondence will be Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	973235 PAUL/ e sent to the e-ma : GEORG 340 KH HOFFS	2363 LNEE@ROCHE.COM II address first; if that is unsuccessful, it will be sent via US Mail. GE W. JOHNSTON NGSLAND STREET JANN-LA ROCHE INC. IY, NEW JERSEY 07110
ATTORNEY DO	CKET	CASE 26949 US3
NAME OF SUBI	MITTER:	PAULA NEE
Signature:	a a a a a a a a a a a a a a a a a a a	/PN/
Date:		04/04/2013
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EPAS ID: Receipt Date:		T2339238 04/2013

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PATENT 4/4/2013 REEL: 030166 FRAME: 0653

ASSIGNMENT

WHEREAS, WE, Steven Joseph Berthel, Roland Joseph Billedeau, Christine E. Brotherton-Pleiss, Fariborz Firooznia, Stephen Deems Gabriel, Xiaochun Han, Ramona Hilgenkamp, Buelent Kocer, Francisco Javier Lopez-Tapia, Yan Lou, Lucja Orzechowski, Timothy D. Owens, and Jenny Tan (Assignors) have invented certain new and useful improvements which are described and claimed in application for United States Patent and identified as U.S. Application No. 61/372,887 filed on August 12, 2010, entitled

INHIBITORS OF BRUTON'S TYROSINE KINASE

WHEREAS, HOFFMANN-LA ROCHE INC., a corporation organized and existing under and by virtue of the laws of the State of New Jersey, and having its principal place of business at Nutley, New Jersey, is desirous of acquiring the entire interest in and to said invention, said application and the Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and set over, and by these presents do hereby sell, assign, and set over unto the said HOFFMANN-LA ROCHE INC. (Assignee), and said Assignee's legal representatives, successors, the entire right, title and interest, for the whole world, in and to said invention and said application, as well as any subsequent application which claims priority based upon the filing date of said application identified as U.S. Application No. 61/372,887 and the patents, both domestic and foreign, that may or shall result therefrom including the right to claim in respect of any subsequent United States and foreign patent applications and patents, the priority date of said application under any United States statute and international convention or treaty; and we do hereby authorize and request the issuance of said patents, domestic and foreign, conformably to the terms of this Agreement.

UPON SAID CONSIDERATION, we do hereby covenant and agree with the said Assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining provisional, original, continuation, continuation-in-part, divisional, reissued, re-examined or extended Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

PATENT REEL: 030166 FRAME: 0654 IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals this $16^{\rm th}$ day of September, 2010.

Nutley, New Jersey, U.S.A.

Steven Joseph Berthel

Awthur Buthur Plun
Christine E. Brotherton-Pleiss

Astephen Deems Gabriel

Ramona Hilgenkajnp

Ramona Hilgenkajnp

Buelent Kocer

Jan Lon

Yan Lou

Vuek Mellene William

Lucja Orzechowski

Klau Joseph Bulledeau

Roland Joseph Billedeau

Kongra June June
Ramona Hilgenkajnp

Buelent Kocer

Jan Lou

Yan Lou

Timothy D. Owens

<u>ACKNOWLEDGMENT</u>

United States of Amer	ica)
State of New Jersey	.)
County of Essex)

On September 16, 2010, before me personally appeared

Steven Joseph Berthel, Roland Joseph Billedeau, Christine E. Brotherton-Pleiss, Fariborz Firooznia, Stephen Deems Gabriel, Xiaochun Han, Ramona Hilgenkamp, Buelent Kocer, Francisco Javier Lopez-Tapia, Yan Lou, Lucja Orzechowski, Timony D. Owens, and Jenny Tan

to me known to be the persons described in the foregoing Assignment, who acknowledged that they executed the foregoing Assignment of their own free will for the purposes therein set forth.

BETTYANN HEDEMUS Notary Public of New Jersey Commission Expires 9/25/2012

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