

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4137363

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FREDERIC J. DE SAUVAGE	07/16/2012
GERRIT J.P. DIJKGRAAF	07/17/2012
THOMAS JANUARIO	07/19/2012
ROBERT L. YAUCH	07/19/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENENTECH, INC.
<b>Street Address:</b>	1 DNA WAY
<b>City:</b>	SOUTH SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94080-4990
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15130223
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)235-9492
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	212-596-9000
<b>Email:</b>	tracy.chu@ropesgray.com
<b>Correspondent Name:</b>	ROPES & GRAY LLP
<b>Address Line 1:</b>	1211 AVENUE OF THE AMERICAS
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10036
<b>ATTORNEY DOCKET NUMBER:</b>	CIBT-220-302
<b>NAME OF SUBMITTER:</b>	TRACY W. CHU
<b>SIGNATURE:</b>	/Tracy W. Chu/
<b>DATE SIGNED:</b>	11/10/2016
<b>Total Attachments: 2</b>	
source=CIBT-220-302_Assgmt_Invtr#page1.tif	
source=CIBT-220-302_Assgmt_Invtr#page2.tif	

## ASSIGNMENT

WHEREAS, Frederic J. de Sauvage, Gerrit J.P. Dijkgraaf, Thomas Januario, and Robert L. Yauch (each an "ASSIGNOR"), have invented a new and useful invention in

### MUTANT SMOOTHENED AND METHODS OF USING THE SAME

for which an International Application Serial No. PCT/US2010/047739, filed September 2, 2010, has been filed and claims the benefit from United States Provisional Application No. 61/239,364, filed September 2, 2009, and was subsequently submitted to the United States Receiving Office under 35 USC §371 on March 2, 2012 as Application Serial No. 13/394,069 (Docket No. P4367R1) for Letters Patent; and

WHEREAS, GENENTECH, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 1 DNA Way, South San Francisco, California 94080-4990, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern;

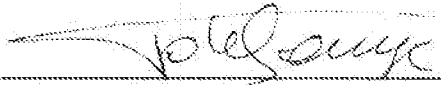
That for good and valuable consideration the receipt of which is hereby acknowledged, the undersigned ASSIGNOR(S) have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all applications filed and Letters Patents granted and issued therefor, or any continuation, division, renewal, or substitute thereof, and as to Letters Patents any reissue or re-examination thereof, not only for, to, and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said GENENTECH, INC., in accordance with this Assignment.

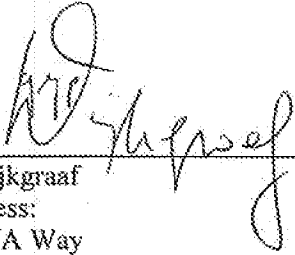
The undersigned ASSIGNOR(S) covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by the undersigned ASSIGNOR(S) includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance, all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (d) for interference or other priority proceedings involving said invention; and (e) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by the undersigned ASSIGNOR(S) in providing such cooperation shall be paid for by said GENENTECH, INC.

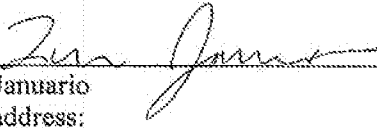
The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon the undersigned ASSIGNOR(S), their respective heirs, legal representatives and assigns.

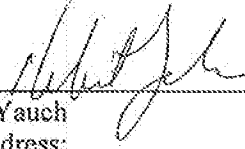
The undersigned ASSIGNOR(S) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF I/we undersign as follows;

  
Frederic J. de Sauvage  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: Belgium  
Date 7/16/12

  
Gerrit J.P. Dijkgraaf  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: Netherlands  
Date 07/17/2012

  
Thomas Januario  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: United States of America  
Date 7/19/2012

  
Robert L. Yauch  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: United States of America  
Date 7/19/2012