

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT																				
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INADVERTENT OMISSION OF ASSIGNOR TAE-SEONG KIM previously recorded on Reel 020996 Frame 0653. Assignor(s) hereby confirms the INADVERTENT OMISSION OF ASSIGNOR TAE-SEONG KIM PREVIOUSLY RECORDED ON REEL 020996 FRAME 0653.																				
CONVEYING PARTY DATA																					
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Steven Bellon</td><td>04/23/2008</td></tr><tr><td>Shon Booker</td><td>05/05/2008</td></tr><tr><td>Noel D'Angelo</td><td>05/09/2008</td></tr><tr><td>Ingrid M. Fellows</td><td>05/08/2008</td></tr><tr><td>Jean-Christophe Harmange</td><td>04/23/2008</td></tr><tr><td>Tae-Seong Kim</td><td>04/16/2008</td></tr><tr><td>Matthew Lee</td><td>05/05/2008</td></tr><tr><td>Longbin Liu</td><td>05/05/2008</td></tr><tr><td>Mark H. Norman</td><td>05/05/2008</td></tr></tbody></table>		Name	Execution Date	Steven Bellon	04/23/2008	Shon Booker	05/05/2008	Noel D'Angelo	05/09/2008	Ingrid M. Fellows	05/08/2008	Jean-Christophe Harmange	04/23/2008	Tae-Seong Kim	04/16/2008	Matthew Lee	05/05/2008	Longbin Liu	05/05/2008	Mark H. Norman	05/05/2008
Name	Execution Date																				
Steven Bellon	04/23/2008																				
Shon Booker	05/05/2008																				
Noel D'Angelo	05/09/2008																				
Ingrid M. Fellows	05/08/2008																				
Jean-Christophe Harmange	04/23/2008																				
Tae-Seong Kim	04/16/2008																				
Matthew Lee	05/05/2008																				
Longbin Liu	05/05/2008																				
Mark H. Norman	05/05/2008																				
RECEIVING PARTY DATA																					
<table border="1"><tr><td>Name:</td><td>Amgen Inc.</td></tr><tr><td>Street Address:</td><td>One Amgen Center Drive</td></tr><tr><td>City:</td><td>Thousand Oaks</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>91320-1799</td></tr></table>		Name:	Amgen Inc.	Street Address:	One Amgen Center Drive	City:	Thousand Oaks	State/Country:	CALIFORNIA	Postal Code:	91320-1799										
Name:	Amgen Inc.																				
Street Address:	One Amgen Center Drive																				
City:	Thousand Oaks																				
State/Country:	CALIFORNIA																				
Postal Code:	91320-1799																				
PROPERTY NUMBERS Total: 1																					
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12004284</td></tr></tbody></table>		Property Type	Number	Application Number:	12004284																
Property Type	Number																				
Application Number:	12004284																				
CORRESPONDENCE DATA																					
Fax Number: (650)837-9422 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																					
Phone: 650 244 2261																					
Email: sushmas@amgen.com																					

CH \$40.00 12004284

Correspondent Name: Ronald S. Hermenau
Address Line 1: 1120 Veterans Boulevard
Address Line 4: South San Francisco, CALIFORNIA 94080

ATTORNEY DOCKET NUMBER: A-1224-US-NP

NAME OF SUBMITTER: Ronald S. Hermenau

Total Attachments: 50

source=Assignment A1224#page1.tif
source=Assignment A1224#page2.tif
source=Assignment A1224#page3.tif
source=Assignment A1224#page4.tif
source=Assignment A1224#page5.tif
source=Assignment A1224#page6.tif
source=Assignment A1224#page7.tif
source=Assignment A1224#page8.tif
source=Assignment A1224#page9.tif
source=Assignment A1224#page10.tif
source=Assignment A1224#page11.tif
source=Assignment A1224#page12.tif
source=Assignment A1224#page13.tif
source=Assignment A1224#page14.tif
source=Assignment A1224#page15.tif
source=Assignment A1224#page16.tif
source=Assignment A1224#page17.tif
source=Assignment A1224#page18.tif
source=Assignment A1224#page19.tif
source=Assignment A1224#page20.tif
source=Assignment A1224#page21.tif
source=Assignment A1224#page22.tif
source=Assignment A1224#page23.tif
source=Assignment A1224#page24.tif
source=Assignment A1224#page25.tif
source=Assignment A1224#page26.tif
source=Assignment A1224#page27.tif
source=Assignment A1224#page28.tif
source=Assignment A1224#page29.tif
source=Assignment A1224#page30.tif
source=Assignment A1224#page31.tif
source=Assignment A1224#page32.tif
source=Assignment A1224#page33.tif
source=Assignment A1224#page34.tif
source=Assignment A1224#page35.tif
source=Assignment A1224#page36.tif
source=Assignment A1224#page37.tif
source=Assignment A1224#page38.tif
source=Assignment A1224#page39.tif
source=Assignment A1224#page40.tif
source=Assignment A1224#page41.tif
source=Assignment A1224#page42.tif
source=Assignment A1224#page43.tif
source=Assignment A1224#page44.tif
source=Assignment A1224#page45.tif

source=Assignment A1224#page46.tif
source=Assignment A1224#page47.tif
source=Assignment A1224#page48.tif
source=Assignment A1224#page49.tif
source=Assignment A1224#page50.tif

J:RONALD S. HERMENAU COMPANY:1120 VETERANS BOULEVARD

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.105/23/2008
500548618

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>Steven Bellon</td><td>04/23/2008</td></tr><tr><td>Shon Booker</td><td>05/05/2008</td></tr><tr><td>Noel D'Angelo</td><td>05/09/2008</td></tr><tr><td>Ingrid M. Fellows</td><td>05/08/2008</td></tr><tr><td>Jean-Christophe Harmange</td><td>04/23/2008</td></tr><tr><td>Matthew Lee</td><td>05/05/2008</td></tr><tr><td>Longbin Liu</td><td>05/05/2008</td></tr><tr><td>Mark H. Norman</td><td>05/05/2008</td></tr></tbody></table>	Name	Execution Date	Steven Bellon	04/23/2008	Shon Booker	05/05/2008	Noel D'Angelo	05/09/2008	Ingrid M. Fellows	05/08/2008	Jean-Christophe Harmange	04/23/2008	Matthew Lee	05/05/2008	Longbin Liu	05/05/2008	Mark H. Norman	05/05/2008	
Name	Execution Date																		
Steven Bellon	04/23/2008																		
Shon Booker	05/05/2008																		
Noel D'Angelo	05/09/2008																		
Ingrid M. Fellows	05/08/2008																		
Jean-Christophe Harmange	04/23/2008																		
Matthew Lee	05/05/2008																		
Longbin Liu	05/05/2008																		
Mark H. Norman	05/05/2008																		
RECEIVING PARTY DATA																			
Name:	Amgen Inc.																		
Street Address:	One Amgen Center Drive																		
City:	Thousand Oaks																		
State/Country:	CALIFORNIA																		
Postal Code:	91320-1799																		
PROPERTY NUMBERS Total: 1																			
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12004284</td></tr></tbody></table>	Property Type	Number	Application Number:	12004284															
Property Type	Number																		
Application Number:	12004284																		
CORRESPONDENCE DATA																			
Fax Number:	(650)837-9422																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	650 244 2261																		
Email:	sushmas@amgen.com																		
Correspondent Name:	Ronald S. Hermenau																		
Address Line 1:	1120 Veterans Boulevard																		
Address Line 4:	South San Francisco, CALIFORNIA 94080																		
ATTORNEY DOCKET NUMBER:	A-1224-US-NP																		

CH \$40.00 12004284

J:RONALD S. HERMENAU COMPANY:1120 VETERANS BOULEVARD

NAME OF SUBMITTER:

Ronald S. Hermenau

Total Attachments: 45

source=Assignment A1224#page1.tif
source=Assignment A1224#page2.tif
source=Assignment A1224#page3.tif
source=Assignment A1224#page4.tif
source=Assignment A1224#page5.tif
source=Assignment A1224#page6.tif
source=Assignment A1224#page7.tif
source=Assignment A1224#page8.tif
source=Assignment A1224#page9.tif
source=Assignment A1224#page10.tif
source=Assignment A1224#page11.tif
source=Assignment A1224#page12.tif
source=Assignment A1224#page13.tif
source=Assignment A1224#page14.tif
source=Assignment A1224#page15.tif
source=Assignment A1224#page16.tif
source=Assignment A1224#page17.tif
source=Assignment A1224#page18.tif
source=Assignment A1224#page19.tif
source=Assignment A1224#page20.tif
source=Assignment A1224#page21.tif
source=Assignment A1224#page22.tif
source=Assignment A1224#page23.tif
source=Assignment A1224#page24.tif
source=Assignment A1224#page25.tif
source=Assignment A1224#page26.tif
source=Assignment A1224#page27.tif
source=Assignment A1224#page28.tif
source=Assignment A1224#page29.tif
source=Assignment A1224#page30.tif
source=Assignment A1224#page31.tif
source=Assignment A1224#page32.tif
source=Assignment A1224#page33.tif
source=Assignment A1224#page34.tif
source=Assignment A1224#page35.tif
source=Assignment A1224#page36.tif
source=Assignment A1224#page37.tif
source=Assignment A1224#page38.tif
source=Assignment A1224#page39.tif
source=Assignment A1224#page40.tif
source=Assignment A1224#page41.tif
source=Assignment A1224#page42.tif
source=Assignment A1224#page43.tif
source=Assignment A1224#page44.tif
source=Assignment A1224#page45.tif

ASSIGNMENT

Whereas, we, Steven Bellon residing at 14 Greenlawn Avenue, Wellesley, MA 02139

Shon Booker residing at 71 McAfee Road, Thousand Oaks, CA 91360

Noel D'Angelo residing at 658 Warwick Avenue, Thousand Oaks, CA 91360

Ingrid M. Fellows residing at 645 E. Champlain #138, Fresno, CA 93720

Jean-Christophe Harmange residing at 57 William Street, Andover, MA 01801

Tae-Seong Kim residing at 1580 Dover Avenue, Thousand Oaks, CA 91360

Matthew Lee residing at 4416 Park Mallorca, Calabasas, CA 91302

Longbin Liu residing at 753 Rushing Creek Place, Thousand Oaks, CA 91360

Mark H. Norman residing at 130 Venus Street, Thousand Oaks, CA 91360

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

SUBSTITUTED HETEROCYCLES AND METHODS OF USE

which is found in:

- ☐ (a) the US Provisional Application No. _____ filed _____.
- ☐ (b) the US Patent Application executed on even date herewith; which claims the benefit of US Provisional Application No. _____ filed _____.
- ☐ (c) the US Patent Application executed on _____ [which claims the benefit of US Provisional Application No. _____ filed _____.]
- ☒ (d) US Application Serial No.: 12/004,284 filed on December 19, 2007
which claims the benefit of U.S. Provisional Application No. 60/876,388 filed December 20, 2006.
- ☐ (e) US Patent No.: _____

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799, wishes to acquire the entire interest in all inventions disclosed in such Application:

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we each, and separately, hereby sell, assign, transfer and set over unto AMGEN INC., its successors and assigns (collectively "AMGEN") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above-identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by AMGEN for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we each, and separately, hereby sell, assign, transfer, and set over unto AMGEN our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to

the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to AMGEN to refer to the deposited microorganisms(s) or other biological materials(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We each, and separately, authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to AMGEN as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our separate legal representatives, we each, and separately, covenant and agree with AMGEN that we have not granted to any others any license to make, use or sell any of such inventions, that our right title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we have not executed, and will not execute, any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we each, and separately, further covenant and agree with AMGEN that upon request we and they will: (i) execute continuing, divisional or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to AMGEN any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigations; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for AMGEN, may be necessary or desirable to secure the grant of Letters Patent to AMGEN or its nominees, in the United States and in all other countries where AMGEN may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for AMGEN and to vest and confirm in AMGEN or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of AMGEN.

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Steven Bellon

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____

County of _____

}

ss:

20 _____

Before me, a Notary Public for _____ County, State of _____, personally appeared

Steven Bellon

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Shon Booker
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

County of

}

ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Shon Booker

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Noel D'Angelo
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Noel D'Angelo

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires _____
20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Ingrid M. Fellows

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

}

ss:

County of

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Ingrid M. Fellows

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public

My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Jean-Christophe Harmange
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Jean Christophe Harmange

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the 16th day of April, 2008

Tae-Seong Kim
(Name of Inventor)

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

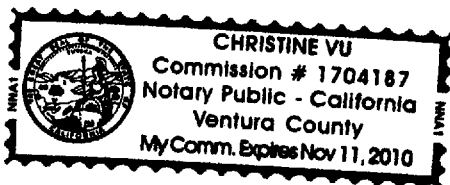
April 16, 2008

Before me, a Notary Public for Ventura County, State of California personally appeared
Tae-Seong Kim

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.



Christine Vu
Notary Public
My commission expires
November 11, 2010

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Matthew Lee
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

County of

}

ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Matthew Lee

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Longbin Liu
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

}

ss:

County of

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Longbin Liu

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Mark H. Norman
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Mark H. Norman

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

ASSIGNMENT

Whereas, we, Steven Bellon residing at 14 Greenlawn Avenue, Wellesley, MA 02139

Shon Booker residing at 71 McAfee Road, Thousand Oaks, CA 91360

Noel D'Angelo residing at 658 Warwick Avenue, Thousand Oaks, CA 91360

Ingrid M. Fellows residing at 645 E. Champlain #138, Fresno, CA 93720

Jean-Christophe Harmange residing at 57 William Street, Andover, MA 01801

Tae-Seong Kim residing at 1580 Dover Avenue, Thousand Oaks, CA 91360

Matthew Lee residing at 4416 Park Mallorca, Calabasas, CA 91302

Longbin Liu residing at 753 Rushing Creek Place, Thousand Oaks, CA 91360

Mark H. Norman residing at 130 Venus Street, Thousand Oaks, CA 91360

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

SUBSTITUTED HETEROCYCLES AND METHODS OF USE

which is found in:

- ☐ (a) the US Provisional Application No. _____ filed _____.
- ☐ (b) the US Patent Application executed on even date herewith; which claims the benefit of US Provisional Application No. _____ filed _____.
- ☐ (c) the US Patent Application executed on _____ [which claims the benefit of US Provisional Application No. _____ filed _____].
- ☒ (d) US Application Serial No.: 12/004,284 filed on December 19, 2007
which claims the benefit of U.S. Provisional Application No. 60/876,388 filed December 20, 2006.
- ☐ (e) US Patent No.: _____

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799, wishes to acquire the entire interest in all inventions disclosed in such Application:

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we each, and separately, hereby sell, assign, transfer and set over unto AMGEN INC., its successors and assigns (collectively "AMGEN") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above-identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by AMGEN for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we each, and separately, hereby sell, assign, transfer, and set over unto AMGEN our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to

the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to AMGEN to refer to the deposited microorganisms(s) or other biological materials(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We each, and separately, authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to AMGEN as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our separate legal representatives, we each, and separately, covenant and agree with AMGEN that we have not granted to any others any license to make, use or sell any of such inventions, that our right title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we have not executed, and will not execute, any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we each, and separately, further covenant and agree with AMGEN that upon request we and they will: (i) execute continuing, divisional or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to AMGEN any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigations; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for AMGEN, may be necessary or desirable to secure the grant of Letters Patent to AMGEN or its nominees, in the United States and in all other countries where AMGEN may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for AMGEN and to vest and confirm in AMGEN or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of AMGEN.

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Steven Bellon

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

}

ss:

County of

20 _____

Before me, a Notary Public for _____ County, State of _____, personally appeared

Steven Bellon

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Shon Booker
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Shon Booker

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires _____
20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Noel D'Angelo
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Noel D'Angelo

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires _____
20

In Witness Whereof I have executed this assignment on the 8 day of May 20 08

Ingrid M. Fellows
(Name of Inventor)

Ingrid M. Fellows
(Signature of Inventor)

UNITED STATES OF AMERICA

State of CALIFORNIA }
County of FREED } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared
Ingrid M. Fellows

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

SEE NOTARY
ATTACHMENT.

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

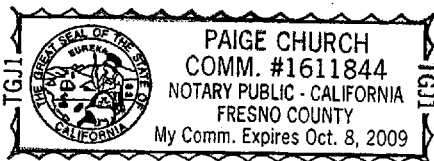
State of California

County of FRESNO

On MAY 8, 2008 before me, PAIGE CHURCH, NOTARY PUBLIC

personally appeared

INGRID M. FELLOWS
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) 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.

Signature

Paige Church
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT

Document Date: MAY 8, 2008

Number of Pages: 11

Signer(s) Other Than Named Above: _____

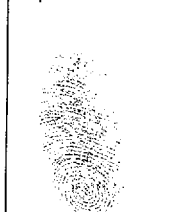
Capacity(ies) Claimed by Signer(s)

Signer's Name: INGRID M. FELLOWS

- ☒ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: SELF

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

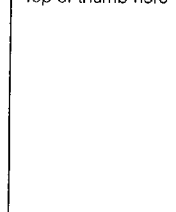


Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here



In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Jean-Christophe Harmange
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Jean Christophe Harmange

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Tae-Seong Kim
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Steven Bellon

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Matthew Lee
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Matthew Lee

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Longbin Liu
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Longbin Liu

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Mark H. Norman
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

County of

}

ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Mark H. Norman

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

ASSIGNMENT

Whereas, we, Steven Bellon residing at 14 Greenlawn Avenue, Wellesley, MA 02139

Shon Booker residing at 71 McAfee Road, Thousand Oaks, CA 91360

Noel D'Angelo residing at 658 Warwick Avenue, Thousand Oaks, CA 91360

Ingrid M. Fellows residing at 1608 E. Sterling Hill Way, Fresno, CA 93702

Jean-Christophe Harmange residing at 57 William Street, Andover, MA 01801

Tae-Seong Kim residing at 1580 Dover Avenue, Thousand Oaks, CA 91360

Matthew Lee residing at 4416 Park Mallorca, Calabasas, CA 91302

Longbin Liu residing at 753 Rushing Creek Place, Thousand Oaks, CA 91360

Mark H. Norman residing at 130 Venus Street, Thousand Oaks, CA 91360

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

SUBSTITUTED HETEROCYCLES AND METHODS OF USE

which is found in:

- ☐ (a) the US Provisional Application No. _____ filed _____.
- ☐ (b) the US Patent Application executed on even date herewith; which claims the benefit of US Provisional Application No. _____ filed _____.
- ☐ (c) the US Patent Application executed on _____ [which claims the benefit of US Provisional Application No. _____ filed _____.]
- ☒ (d) US Application Serial No.: 12/004,284 filed on December 19, 2007
which claims the benefit of U.S. Provisional Application No. 60/876,388 filed December 20, 2006.
- ☐ (e) US Patent No.: _____

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799, wishes to acquire the entire interest in all inventions disclosed in such Application:

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we each, and separately, hereby sell, assign, transfer and set over unto AMGEN INC., its successors and assigns (collectively "AMGEN") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above-identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by AMGEN for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we each, and separately, hereby sell, assign, transfer, and set over unto AMGEN our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to

the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to AMGEN to refer to the deposited microorganisms(s) or other biological materials(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We each, and separately, authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to AMGEN as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our separate legal representatives, we each, and separately, covenant and agree with AMGEN that we have not granted to any others any license to make, use or sell any of such inventions, that our right title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we have not executed, and will not execute, any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we each, and separately, further covenant and agree with AMGEN that upon request we and they will: (i) execute continuing, divisional or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to AMGEN any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigations; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for AMGEN, may be necessary or desirable to secure the grant of Letters Patent to AMGEN or its nominees, in the United States and in all other countries where AMGEN may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for AMGEN and to vest and confirm in AMGEN or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of AMGEN.

In Witness Whereof I have executed this assignment on the 23 day of APRIL 20 08

Steven Bellon
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of Massachusetts
County of Middlesex ss:

April 23 20 08

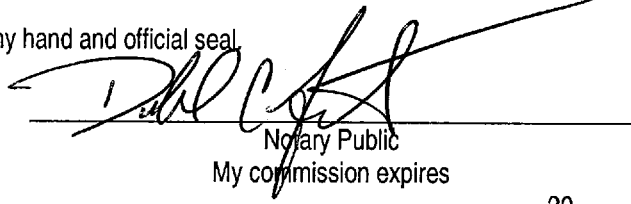
Before me, a Notary Public for Middlesex County, State of Massachusetts, personally appeared

Steven Bellon

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.



Notary Public
My commission expires

20

DONALD C. GROUT
Notary Public, Massachusetts
My Commission Expires May 15, 2009

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Shon Booker
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Shon Booker

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires _____
20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Noel D'Angelo
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

County of

}

ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Noel D'Angelo

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Ingrid M. Fellows
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Ingrid M. Fellows

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the 23 day of April 2008

Jean-Christophe Harmange
(Name of Inventor)

J. Harmange
(Signature of Inventor)

UNITED STATES OF AMERICA

State of MA
County of Middlesex } ss:

April 23 2008

Before me, a Notary Public for Middlesex County, State of MA, personally appeared
Jean Christophe Harmange

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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

Donald C. Grout
Notary Public
My commission expires

20

DONALD C. GROUT
Notary Public, Massachusetts
My Commission Expires May 15, 2009

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Tae-Seong Kim
(Name of Inventor)

(Signature of Inventor)

Witness Signature: _____

Date: _____

Witness Name: _____
(Print Name)

Signed at : _____
(City, State and Country)

Witness Signature: _____

Date: _____

Witness Name: _____
(Print Name)

Signed at : _____
(City, State and Country)

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Matthew Lee
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Matthew Lee

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Longbin Liu
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Longbin Liu

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Mark H. Norman
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

County of

}

ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Mark H. Norman

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

ASSIGNMENT

Whereas, we, Steven Bellon residing at 14 Greenlawn Avenue, Wellesley, MA 02139

Shon Booker residing at 71 McAfee Road, Thousand Oaks, CA 91360

Noel D'Angelo residing at 658 Warwick Avenue, Thousand Oaks, CA 91360

Ingrid M. Fellows residing at 1608 E. Sterling Hill Way, Fresno, CA 93702

Jean-Christophe Harmange residing at 57 William Street, Andover, MA 01801

Tae-Seong Kim residing at 1580 Dover Avenue, Thousand Oaks, CA 91360

Matthew Lee residing at 4416 Park Mallorca, Calabasas, CA 91302

Longbin Liu residing at 753 Rushing Creek Place, Thousand Oaks, CA 91360

Mark H. Norman residing at 130 Venus Street, Thousand Oaks, CA 91360

have made an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

SUBSTITUTED HETEROCYCLES AND METHODS OF USE

which is found in:

- ☐ (a) the US Provisional Application No. _____ filed _____.
- ☐ (b) the US Patent Application executed on even date herewith; which claims the benefit of US Provisional Application No. _____ filed _____.
- ☐ (c) the US Patent Application executed on _____ [which claims the benefit of US Provisional Application No. _____ filed _____.]
- ☒ (d) US Application Serial No.: 12/004,284 filed on December 19, 2007
which claims the benefit of U.S. Provisional Application No. 60/876,388 filed December 20, 2006.
- ☐ (e) US Patent No.: _____

Whereas AMGEN INC., a Delaware corporation having its principal place of business at One Amgen Center Drive, Thousand Oaks, California 91320-1799, wishes to acquire the entire interest in all inventions disclosed in such Application:

Now, therefore, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we each, and separately, hereby sell, assign, transfer and set over unto AMGEN INC., its successors and assigns (collectively "AMGEN") our entire right, title and interest in, to and under the Application, and any provisional application(s) from which Application is derived, and all priority rights to which the Application may be entitled, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for such inventions, or any of them, including divisional, continuation, and/or continuation-in-part applications based on the above-identified Application, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by AMGEN for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

Further, we each, and separately, hereby sell, assign, transfer, and set over unto AMGEN our entire right, title and interest in or to the right to refer to, to access, and to control microorganism(s) or other biological material(s) related to

the Application and which are deposited by us or at our direction or deposited on our behalf by Amgen, its affiliates, employees or employees of its affiliates. The transfer of such right, title and interest includes, without limitation, our unreserved and irrevocable consent and authorization to AMGEN to refer to the deposited microorganisms(s) or other biological materials(s) in the Application and the right to make available to the public the deposited material in accordance with the laws, treaties, statutes, rules, regulations and the like of the United States, all other countries, and any patent granting authority or organization.

We each, and separately, authorize and request the Commissioner of Patents and Trademarks of the United States to issue any such Letters Patent which may be granted on the Application to AMGEN as assignee of the entire right, title and interest therein and thereto.

For ourselves and for our separate legal representatives, we each, and separately, covenant and agree with AMGEN that we have not granted to any others any license to make, use or sell any of such inventions, that our right title and interest in such inventions has not been encumbered, that we have good right and title to sell and assign the same, and that we have not executed, and will not execute, any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we each, and separately, further covenant and agree with AMGEN that upon request we and they will: (i) execute continuing, divisional or reissue applications, amended specifications, or rightful declarations or oaths; (ii) communicate to AMGEN any facts known to us or them relating to such inventions or the history thereof; (iii) execute preliminary statements and testify in any interference proceedings or litigations; (iv) execute and deliver any application papers, assignments, or other instruments; and (v) do all other acts which, in the opinion of counsel for AMGEN, may be necessary or desirable to secure the grant of Letters Patent to AMGEN or its nominees, in the United States and in all other countries where AMGEN may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for AMGEN and to vest and confirm in AMGEN or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than that now paid but at the expense of AMGEN.

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

_____ Steven Bellon (Name of Inventor)	_____ (Signature of Inventor)
--	----------------------------------

UNITED STATES OF AMERICA

State of _____ }
 County of _____ } ss: _____
_____ 20 _____

Before me, a Notary Public for _____ County, State of _____, personally appeared

 Steven Bellon

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the 5 day of May 20 08

Shon Booker
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California
County of Ventura } ss:

May 05, 2008

Before me, a Notary Public for Ventura County, State of California, personally appeared
Shon Booker

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.



Christine Vu

Notary Public

My commission expires

November 11 20 10

In Witness Whereof I have executed this assignment on the 9 day of MAY 20 08

Noel D'Angelo
(Name of Inventor)

Noel D'Angelo
(Signature of Inventor)

UNITED STATES OF AMERICA

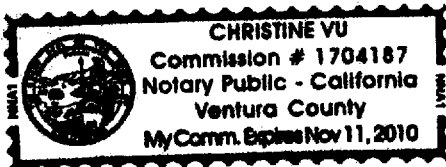
State of California }
County of Ventura } ss:

Before me, a Notary Public for Ventura County, State of California, personally appeared
Noel D'Angelo May 9 20 08

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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



Christine Vu
Notary Public
My commission expires November 11 20 10

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Ingrid M. Fellows
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ }
County of _____ } ss:

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Ingrid M. Fellows

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public
My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20____

Jean-Christophe Harmange

(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

}

ss:

County of

20

Before me, a Notary Public for _____ County, State of _____, personally appeared

Jean Christophe Harmange

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.

Notary Public

My commission expires

20

In Witness Whereof I have executed this assignment on the _____ day of _____ 20 _____

Tae-Seong Kim
(Name of Inventor)

(Signature of Inventor)

Witness Signature: _____

Date: _____

Witness Name: _____
(Print Name)

Signed at : _____
(City, State and Country)

Witness Signature: _____

Date: _____

Witness Name: _____
(Print Name)

Signed at : _____
(City, State and Country)

In Witness Whereof I have executed this assignment on the 5 day of May 20 08

Matthew Lee
(Name of Inventor)

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

May 5, 20 08

Before me, a Notary Public for Ventura County, State of California, personally appeared

Matthew Lee

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.



[Signature]

Notary Public

My commission expires

November 11 2010

In Witness Whereof I have executed this assignment on the 5 day of May 2008

Longbin Liu
(Name of Inventor)

[Signature]
(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

May 5 2008

Before me, a Notary Public for Ventura County, State of California, personally appeared
Longbin Liu

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.



[Signature]
Notary Public
My commission expires
November 11 2010

In Witness Whereof I have executed this assignment on the 5th day of May 20 08

Mark H. Norman
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California }
County of Ventura } ss:

May 5 20 08

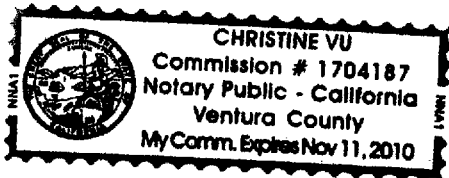
Before me, a Notary Public for Ventura County, State of California, personally appeared

Mark H. Norman

who 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person 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.



Christine Vu
Notary Public
My commission expires
November 11 20 10