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

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

Name:	Amgen Inc.
Street Address:	One Amgen Center Drive
City:	Thousand Oaks
State/Country:	CALIFORNIA
Postal Code:	91320-1799

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12004284	

CORRESPONDENCE DATA

Fax Number: (650)837-9422

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650 244 2261

Email: sushmas@amgen.com

PATENT REEL: 021358 FRAME: 0928

500615483

1200428

D OF HO

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

PATENT

REEL: 021358 FRAME: 0929

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

5/27/2008 6:03:47 AM

PAGE

4/005 Fax Server

): RONALD S. HERMENAU COMPANY: 1120 VETERANS BOULEVARD

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 05/23/2008 500548618

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

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

Property Type	Number
Application Number:	12004284

CORRESPONDENCE DATA

Fax Number:

(650)837-9422

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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

Fax Server

):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.tlf source=Assignment A1224#page40.tif source=Assignment A1224#page41.tif source=Assignment A1224#page42.tif source=Assignment A1224#page43.tlf source=Assignment A1224#page44.tif source=Assignment A1224#page45.tif

PATENT

REEL: 021358 FRAME: 0932

ASSIGNMENT

Where	as, we,	Steven Bellon residing at 14 Gree	eenlawn Avenue, Wellesley, MA 02139
		Shon Booker residing at 71 McAfe	ee Road, Thousand Oaks, CA 91360
· · · · · · · · · · · · · · · · · · ·		Noel D'Angelo residing at 658 Wa	arwick Avenue, Thousand Oaks, CA 91360
		Ingrid M. Fellows residing at 645 I	E. Champlain #138, Fresno, CA 93720
		Jean-Christophe Harmange residi	ng at 57 William Street, Andover, MA 01801
·		Tae-Seong Kim residing at 1580 [Dover Avenue, Thousand Oaks, CA 91360
		Matthew Lee residing at 4416 Par	k Mallorca, Calabasas, CA 91302
		Longbin Liu residing at 753 Rushin	ng Creek Place, Thousand Oaks, CA 91360
1		Mark H. Norman residing at 130 V	enus Street, Thousand Oaks, CA 91360
SUBST	TUTED	HETEROCYCLES AND METHODS	OF USE
☐ (a)	the US	Provisional Application No.	filed
☐ (b)	the US	Patent Application executed on eve	n date herewith; which claims the benefit of US
(c)			[which claims the benefit of US
⊠ (d)			filed on December 19, 2007
(e)	which cl		Application No. 60/876,388 filed December 20, 2006.
54.0. ·	4440=		

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 execu	ited this assignment on theday of	20
Steven Bellon		
(Name of Inventor)	(Signatur	re of Inventor)
	UNITED STATES OF AMERICA	
State of		
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 exec	uted this assignment on theday	v of20
Shon Booker		
(Name of Inventor)		(Signature of Inventor)
	UNITED STATES OF AMERICA	
State of		
County of ss:	<u></u>	20
Before me, a Notary Public for _	County, State of	, personally appeared
	Shon Booker	
	who proved to me on the basis of satished whose name is subscribed to the within me that he/she executed the same in his by his/her signature on the instrument behalf of which the person acted, executed the certify under PENALTY OF PERJUF California that the foregoing paragraph is	in instrument and acknowledged to is/her authorized capacity, and that nt the person, or the entity upon uted the instrument. RY under the laws of the State of
		is true and correct.
	WITNESS my hand and official seal.	
		lotary Public mmission expires
	-	20

In Witness Whereof I have exec	uted this assignment on theday o	of20
Noel D'Angelo		
(Name of Inventor)	(S	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 satist whose name is subscribed to the within me that he/she executed the same in his by his/her signature on the instrument behalf of which the person acted, execut	instrument and acknowledged to s/her authorized capacity, and that t the person, or the entity upon
	I certify under PENALTY OF PERJUR' California that the foregoing paragraph is	
	WITNESS my hand and official seal.	
		otary Public nmission expires
		20

In Witness Whereof I have execu	uted this assignment on the	day of	20
Ingrid M. Fellows			
(Name of Inventor)		(Signati	ure of Inventor)
	UNITED STATES OF AMER	IICA	
State of Sta			
•	_		20
Before me, a Notary Public for	County, State	of	, personally appeared
	Ingrid M. Fellows		
	whose name is subscribed me that he/she executed the	to the within instress same in his/her a e instrument the	y evidence to be the person ument and acknowledged to authorized capacity, and that person, or the entity upon e instrument.
	I certify under PENALTY C California that the foregoing		der the laws of the State of and correct.
	WITNESS my hand and office	cial seal.	
		Notary My commiss	

In Witness Whereof I have execu	uted this assignment on the	day of _	20
Jean-Christophe Harmange (Name of Inventor)	·	(Signati	ure of Inventor)
	UNITED STATES OF AMER	RICA	
State of			
County of ss:			20
Defense on a Nobel District			
Before me, a Notary Public for	Jean Christophe Harmang		, personally appeared
	whose name is subscribed me that he/she executed the by his/her signature on the behalf of which the person a	to the within instruct to the same in his/her are instrument the acted, executed the	y evidence to be the person ument and acknowledged to authorized capacity, and that person, or the entity upon e instrument. der the laws of the State of
	California that the foregoing		
	WITNESS my hand and office	cial seal.	
		Notary i My commiss	

In Witness Whereof I have exec	cuted this assignment on the 1679 day of April 208
Tae-Seong Kim (Name of Inventor)	(Signature of Inventor)
	UNITED STATES OF AMERICA
State of California } ss:	
County of Vendura ss:	April 16 2008
Before me, a Notary Public for \underline{V}	entura County, State of <u>California</u> 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.
CHRISTINE VU Commission # 1704187 Notary Public - California	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
Ventura County MyComm. Expires Nov 11, 2010	WITNESS my hand and official seal. Notary Public My commission expires
	My commission expires 20 10

In Witness Whereof I have execu	ated this assignment on theday	of20
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 Matthew Lee	, personally appeared
	who proved to me on the basis of satis whose name is subscribed to the withir me that he/she executed the same in his by his/her signature on the instrument behalf of which the person acted, executed I certify under PENALTY OF PERJUR California that the foregoing paragraph is WITNESS my hand and official seal.	n instrument and acknowledged to s/her authorized capacity, and that it the person, or the entity upon ted the instrument.
		lotary Public mmission expires 20

In Witness Whereof I have execu	uted this assignment on the	day of	20
Longbin Liu			
(Name of Inventor)		(Signat	ture of Inventor)
	UNITED STATES OF AMER	IICA	
State of			
County of ss:			20
Before me, a Notary Public for		of	, personally appeared
	Longbin Liu		
	whose name is subscribed me that he/she executed the	to the within instressme in his/her instrument the	ry evidence to be the person rument and acknowledged to authorized capacity, and that person, or the entity upon e instrument.
	I certify under PENALTY C California that the foregoing		der the laws of the State of and correct.
	WITNESS my hand and offic	cial seal.	
		Notary My commiss	
			20

In Witness Whereof I have execu	uted this assignment on the	day of	20
Mark H. Norman			
(Name of Inventor)		(Signature	e of Inventor)
	UNITED STATES OF AMER	ICA	
State of Sta			
			20
Before me, a Notary Public for	County, State	of	_, personally appeared
	who proved to me on the bawhose name is subscribed to me that he/she executed the by his/her signature on the behalf of which the person at a certify under PENALTY Of California that the foregoing	to the within instrum same in his/her aud instrument the pe cted, executed the in	nent and acknowledged to thorized capacity, and that erson, or the entity upon instrument.
	WITNESS my hand and office	ial seal.	
		Notary Pu My commission	n expires
			20

ASSIGNMENT

Where	as, we,	Steven Bellon residing at 14 Greeenlawn 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
entitled		ich is the subject of an application for Letters Patent of the United States ("Application") 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 nal Application No
☐ (c)		Patent Application executed on [which claims the benefit of US nal Application No filed]
		lication Serial No.: 12/004,284 filed on December 19, 2007
(e)		aims the benefit of U.S. Provisional Application No. 60/876,388 filed December 20, 2006. ent No.:
14 <i>(</i> 2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,	444051	BIO - Delever con all the last

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 execu	ted this assignment on the	day of	20
Steven Bellon (Name of Inventor)		(Signature o	of Inventor)
	UNITED STATES OF AMERICA		
State of	ONTED OTATES OF AMERICA		
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 exec	uted this assignment on the	day of	20
Shon Booker			
(Name of Inventor)		(Signatu	re of Inventor)
	UNITED STATES OF AMER	ICA	
State of Sta			
outly of			20
Before me, a Notary Public for _	County, State of	of	, personally appeared
	Shon Booker		
	who proved to me on the bawhose name is subscribed to me that he/she executed the by his/her signature on the behalf of which the person according to	to the within instruct same in his/her all instrument the potent, executed the	ment and acknowledged to uthorized capacity, and that person, or the entity upon instrument.
	I certify under PENALTY O California that the foregoing		
	WITNESS my hand and offic	ial seal.	
		Notary P My commission	
	<u> </u>		20

In Witness Whereof I have execu	uted this assignment on the	day of _	20
Noel D'Angelo			
(Name of Inventor)		(Signat	ure of Inventor)
	UNITED STATES OF AME	RICA	
State of Sta			
County of	_		20
Before me, a Notary Public for	County, State	e of	, personally appeared
	whose name is subscribed me that he/she executed the by his/her signature on the behalf of which the person	I to the within instruction in the same in his/her a the instrument the acted, executed the OF PERJURY und g paragraph is true	der the laws of the State of
		Notary I My commiss	

In Witness Whereof I have execu	ited this assignment on the	S day of	May	20 <i>D &</i>
Ingrid M. Fellows (Name of Inventor)		Angre (Sign	nature of Inventor)	llm
	UNITED STATES OF AME	RICA		
State of GALIFORNIA ss:				
.,	_	·	····	20
Before me, a Notary Public for	•	e of	, personally	appeared
	Ingrid M. Fellows			
	who proved to me on the whose name is subscribed me that he/she executed the by his/her signature on the behalf of which the person I certify under PENALTY	to the within in the same in his/ho the instrument the acted, executed	strument and ackr er authorized capa he person, or the the instrument.	nowledged to city, and that entity upon
	California that the foregoing			the State of
DEE NOTARY ATRICHMENT.	WITNESS my hand and off	icial seal.		
Detrotation.	-	Nota	ry Public	
•		My comm	ission expires	20
				20

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California On MAY 8, 2008 before me, PAIGE CHWALL NOTARY PUBLIC Here Insert Name and Title of the Officer INGRID M. FEUOWS 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 hey executed the same in his/he/their authorized capacity (ies), and that by his/her/their signatures) on the instrument the person(s), or the entity upon behalf of PAIGE CHURCH which the person(s) acted, executed the instrument. COMM. #1611844 NOTARY PUBLIC - CALIFORNIA FRESNO COUNTY I certify under PENALTY OF PERJURY under the laws My Comm. Expires Oct. 8, 2009 of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. Signature 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** ASSIGNMENT Title or Type of Document: Number of Pages: ___ Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: NORIDM. Fawws Signer's Name: √ Individual □ Individual

© 2007 National Notary Association • 9350 De Soto Ave., P.O. Box 2402 • Chatsworth, CA 91313-2402 • www.NationalNotary.org | Item #5907 | Reorder: Call Toll-Free 1-800-876-6827

RIGHT THUMBPE OF SIGNER

Top of thumb here

☐ Corporate Officer — Title(s): __

☐ Guardian or Conservator

Signer Is Representing: _

☐ Attorney in Fact

☐ Trustee

□ Other: __

☐ Partner — ☐ Limited ☐ General

Corporate Officer — Title(s):

☐ Guardian or Conservator

Signer Is Representing:

☐ Attorney in Fact

☐ Trustee

Other:__

□ Partner — □ Limited □ General

In Witness Whereof I have exect	uted this assignment on the	day of	20
Jean-Christophe Harmange)		
(Name of Inventor)		(Signature of	Inventor)
	UNITED STATES OF AMER	ICA	
State of			
County of ss:			
			20
Before me, a Notary Public for	County, State	of, p	ersonally appeared
	Jean Christophe Harmange)	
	who proved to me on the bawhose name is subscribed to me that he/she executed the by his/her signature on the behalf of which the person and	o the within instrument same in his/her author instrument the perso	and acknowledged to ized capacity, and that n, or the entity upon
	I certify under PENALTY O California that the foregoing		
	WITNESS my hand and offic	ial seal.	
		Notary Public My commission ex	
	 		ZU

In Witness Whereof I have exe	cuted this assignment on the	day of	20
Tae-Seong Kim			
(Name of Inventor)		(Signature	of Inventor)
	UNITED STATES OF AMERICA	1	
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 whose name is subscribed to the me that he/she executed the sa by his/her signature on the in behalf of which the person acted	he within instrum me in his/her aut strument the pe	ent and acknowledged to horized capacity, and that irson, or the entity upon
	I certify under PENALTY OF F California that the foregoing par		
	WITHEOD - 1 - 1 - 1 - 1 - 1 - 1		
	WITNESS my hand and official	seai.	

In Witness Whereof I have execu	ated this assignment on the	day of	20
Matthew Lee			*
(Name of Inventor)		(Signati	ure of Inventor)
	UNITED STATES OF AME	RICA	
State of			
County of Ss:	_		20
Before me, a Notary Public for	County, State	of	, personally appeared
	Matthew Lee		
	whose name is subscribed me that he/she executed the by his/her signature on the behalf of which the person	to the within instruct to the within instruct to same in his/her and instrument the acted, executed the OF PERJURY und	der the laws of the State of
	Camornia that the foregoing	j paragrapir is true	and correct.
	WITNESS my hand and off	icial seal.	
		Notary My commiss	
			20

In Witness Whereof I have execu	uted this assignment on the	day of	20
Longbin Liu			
(Name of Inventor)		(Signature of	f Inventor)
	UNITED STATES OF AMER	ICA	
State of Sta			
County of			20
Before me, a Notary Public for	County, State of	of,	personally appeared
	who proved to me on the bawhose name is subscribed to me that he/she executed the by his/her signature on the behalf of which the person and I certify under PENALTY Of California that the foregoing with WITNESS my hand and office	to the within instrument same in his/her authors instrument the persected, executed the instrument of PERJURY under the paragraph is true and controls.	t and acknowledged to rized capacity, and that on, or the entity upon rument.
		Notary Public My commission ex	

In Witness Whereof I have exec	uted this assignment on the	day of _	20
Mark H. Norman			
(Name of Inventor)		(Signatu	ure of Inventor)
	UNITED STATES OF AME	RICA	
State of			
County of ss:			
	_		20
Before me, a Notary Public for	County, State	of	, personally appeared
	Mark H. Norman		
	whose name is subscribed me that he/she executed th	to the within instrue e same in his/her a ne instrument the	v evidence to be the person ament and acknowledged to authorized capacity, and that person, or the entity upon instrument.
	I certify under PENALTY (California that the foregoing	OF PERJURY und paragraph is true a	er the laws of the State of and correct.
	WITNESS my hand and offi	cial seal.	
		Notary F My commission	on expires
			20

ASSIGNMENT

Wherea	as, we,	Steven Be	lon residir	ng at 14 G	3reeenla	wn Aven	ue, Welle:	sley, MA	02139		
		Shon Book	er residinç	at 71 M	cAfee Ro	oad, Tho	usand Oa	ks, CA 9	1360	•	
		Noel D'Ang	elo residir	ng at 658	Warwick	k Avenue	, Thousar	nd Oaks,	CA 9136	60	
		Ingrid M. F	ellows res	iding at 10	608 E. S	terling H	ill Way, Fr	esno, CA	93702		
		Jean-Chris	ophe Har	mange re	siding a	t 57 Willia	am Street,	Andove	r, MA 018	801	
		Tae-Seong	Kim resid	ing at 158	80 Dove	r Avenue	, Thousar	d Oaks,	CA 9136	0	
	<u>.</u>	Matthew Le	e residing	at 4416 l	Park Ma	llorca, Ca	alabasas,	CA 9130	2		
		Longbin Liu	residing a	at 753 Ru	shing C	reek Plac	e, Thousa	and Oaks	, CA 913	360	
		Mark H. No	rman resid	ding at 13	0 Venus	Street,	Thousand	Oaks, C	A 91360		
which is found in:		HETEROCY	JLES AINL	J ME I HO	JUS OF	USE					
☐ (a)	the LIS	Provisional A	Application	No		fil	od				
☐ (b)	the US	Patent Applicational Applicati	cation exe	cuted on	even da	te herew	th; which	claims th	e benefit	t of US	
☐ (c)	the US	Patent Applicati	cation exe	cuted on _			[w	hich clair	ns the be	enefit of US	
	US App	lication Seria	l No.: <u>12</u>	/004,284			filed on	Decem	ber 19, 2	2007	
		laims the ber	efit of U.S	3. Provisio	onal App	lication N	_ lo. 60/876	,388 filed	Decemi	ber 20, 2006	- 3.
∐ (e)	US Pate	int 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 assignmen	t on the 23 day of APRIC	20 <u>_0&</u>
Steven Bellon (Name of Inventor)	(Signature of Inventor)	
UNITED STATES	S OF AMERICA	
State of Mussachusalls		
State of Mussachuselfs ss: County of Muddles ex	April 23	20 <i>08</i>
Before me, a Notary Public for MiddleSeY Co	unty, State of MassachuseHS, personally ap	peared
Steven E		

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 execu	uted this assignment on the	day of	20
Shon Booker			
(Name of Inventor)		(Signature of Inventor)	
	UNITED STATES OF AMERICA		
State of Sta			
,			20
Before me, a Notary Public for	County, State of Shon Booker	, personally	appeared
	who proved to me on the basis whose name is subscribed to the me that he/she executed the sar by his/her signature on the instead of which the person acted a certify under PENALTY OF P California that the foregoing paraw	e within instrument and ackrone in his/her authorized capacistrument the person, or the executed the instrument. ERJURY under the laws of agraph is true and correct.	nowledged to city, and that entity upon
		Notary Public My commission expires	20

In Witness Whereof I have exec	uted this assignment on the	day of _	20
Noel D'Angelo			
(Name of Inventor)		(Signat	ure of Inventor)
	UNITED STATES OF AMERI	CA	
State of ss:			
County of J ss.			20
Before me, a Notary Public for _	County, State o	of	, personally appeared
	Noel D'Angelo		
	who proved to me on the ba whose name is subscribed to me that he/she executed the by his/her signature on the behalf of which the person ac I certify under PENALTY OF	o the within instru- same in his/her a instrument the sted, executed the	ument and acknowledged to authorized capacity, and that person, or the entity upon e instrument.
	California that the foregoing p	aragraph is true	and correct.
	WITNESS my hand and offici	al seal.	
	-	Notary I My commissi	ion expires
			20

In Witness Whereof I have exec	uted this assignment on the	day of	20
Ingrid M. Fellows			
(Name of Inventor)		(Signature	e of Inventor)
	UNITED STATES OF AMERI	ICA	
State of Sta			
·	_		20
Before me, a Notary Public for _		of	_, personally appeared
	Ingrid M. Fellows		
	who proved to me on the ba whose name is subscribed to me that he/she executed the by his/her signature on the behalf of which the person ac	o the within instrume same in his/her auth instrument the pe ted, executed the in	ent and acknowledged to horized capacity, and that rson, or the entity upon strument.
	I certify under PENALTY OF California that the foregoing p	 PERJURY under varagraph is true and 	the laws of the State of discorrect.
	WITNESS my hand and offici	al seal.	
		Notary Pub My commission	
			20

In Witness Whereof I have execut	red this assignment on the 23 day of April 20 08
Jean-Christophe Harmange (Name of Inventor)	Viarwa (Signature of Inventor)
	UNITED STATES OF AMERICA
State of MA	
State of MA County of Middles ss:	April 23 2008
Before me, a Notary Public for Λ	Addig Ex County, State of
	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 efficial seal
	Notar Public My commission expires
	DONALD C. GROUT

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

In Witness Whereof I have executed this as	signment on theday of	20
Tae-Seong Kim (Name of Inventor)	(Signature of Inver	ntor)
((Oignatalo of invol	noi,
Witness Signature:	Date:	
Witness Name:	Signed at :	
(Print Name)		and Country)
Witness Signature:	Date:	
Witness Name:	Signed at:	
(Print Name)	•	and Country)

Docket No.:A-1224-US-NP

In Witness Whereof I have execu	uted this assignment on the	day of	20
Matthew Lee			
(Name of Inventor)		(Signature of Ir	nventor)
	UNITED STATES OF AMER	ICA	
State of ss:			
·			20
Before me, a Notary Public for	County, State of	of, pe	rsonally appeared
	who proved to me on the ba whose name is subscribed to me that he/she executed the by his/her signature on the behalf of which the person act I certify under PENALTY Of California that the foregoing p	to the within instrument as same in his/her authorized instrument the persongeted, executed the instrument or PERJURY under the paragraph is true and corrections.	and acknowledged to ed capacity, and that , or the entity upon ment.
	, , , , , , , , , , , , , , , , , , ,		
		Notary Public My commission expi	
			20

Docket No.:A-1224-US-NP

In Witness Whereof I have exec	uted this assignment on theday c	of20
Longbin Liu		
(Name of Inventor)	(S	ignature of Inventor)
	UNITED STATES OF AMERICA	
State of Sta		
County of		20
Before me, a Notary Public for	County, State of Longbin Liu	, personally appeared
	who proved to me on the basis of satisf whose name is subscribed to the within me that he/she executed the same in his by his/her signature on the instrument behalf of which the person acted, executed certify under PENALTY OF PERJURY California that the foregoing paragraph is WITNESS my hand and official seal.	instrument and acknowledged to /her authorized capacity, and that the person, or the entity uponed the instrument.
	WITNESS my hand and official seal.	
	N.I.	tary Public

Docket No.:A-1224-US-NP

In Witness Whereof I have exec	uted this assignment on theday	of20
Mark H. Norman		
(Name of Inventor)	(:	Signature of Inventor)
	UNITED STATES OF AMERICA	
State of Sta		
•		20
Before me, a Notary Public for	County, State of Mark H. Norman	, personally appeared
	who proved to me on the basis of satis whose name is subscribed to the within me that he/she executed the same in his by his/her signature on the instrument behalf of which the person acted, executed its certify under PENALTY OF PERJUR California that the foregoing paragraph is witness my hand and official seal.	n instrument and acknowledged to s/her authorized capacity, and that it the person, or the entity upon ited the instrument.
	With Edd my fland and official seal.	
		otary Public nmission expires

ASSIGNMENT

Wherea	ıs, we,	Steven Bellon residing at 14 Greeen	lawn Avenue, Wellesley, MA 02139
	0	Shon Booker residing at 71 McAfee	Road, Thousand Oaks, CA 91360
	0	Noel D'Angelo residing at 658 Warwi	ick 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 Dov	rer Avenue, Thousand Oaks, CA 91360
	8	Matthew Lee residing at 4416 Park M	fallorca, Calabasas, CA 91302
	р	Longbin Liu residing at 753 Rushing	Creek Place, Thousand Oaks, CA 91360
	O	Mark H. Norman residing at 130 Ven	us Street, Thousand Oaks, CA 91360
entitled SUBSTI	TUTED H	ETEROCYCLES AND METHODS O	F USE
∐ (a)	the US F	Provisional Application No	filed
☐ (b)	the US F Provision	atent Application executed on even c al Application No.	late herewith; which claims the benefit of USfiled
☐ (c)	the US F	atent Application executed on	[which claims the benefit of US]
	US Appli	cation Serial No.: 12/004,284	filed on December 19, 2007
(e)	which cla		oplication No. 60/876,388 filed December 20, 2006.
Whereas			its principal place of business at One Amgen Center

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

ı

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 th	is assignment on theday of	20
Steven Bellon		
(Name of Inventor)	(Signature of	Inventor)
UNI	TED STATES OF AMERICA	
State of		
County of ss:		
		20
Before me, a Notary Public for	County, State of, p	personally appeared
	Steven Bellon	

Docket No.: A-1224-US-NP

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

		Docket	NO.:A-1224-05-NF
In Witness Whereof I have exe	ecuted this assignment on the	5 day of May	20 <u>08</u>
Shon Booker (Name of Inventor)		(Signature of Inver	ntor)
	UNITED STATES OF AMI	ERICA	
State of California,			
State of California } ss:		Mayo	5 200°
Before me, a Notary Public for	Ventura County. Sta	te of California person	nally appeared
, ,	Shon Booker		and a his and a
	whose name is subscribe me that he/she executed by his/her signature on	basis of satisfactory evidence of to the within instrument and the same in his/her authorized of the instrument the person, or a acted, executed the instrument	acknowledged to capacity, and that the entity upon
CHRISTINE VU Commission # 1704187 Notary Public - California Ventura County		OF PERJURY under the lawning paragraph is true and correct	
My Comm. Expires Nov 11, 2010		Notary Public My commission expires	20 ((

			DOCKELL	10 1224-0	2-141-
In Witness Whereof I have execu	ited this assignment on the	day of	MAY	20 <u>c</u>	<u> 8</u>
Noel D'Angelo (Name of Inventor)		(Signa	L D'G	or)	
	UNITED STATES OF AME	ERICA			
State of California					
State of California ss:	1	May	, (<u>1</u> 20	08
Before me, a Notary Public for	entura County, Stat	e of Californ	persona	lly appeared	
	Noel D'Angelo				
	who proved to me on the whose name is subscribe me that he/she executed t by his/her signature on t behalf of which the person	d to the within inst he same in his/her the instrument the	rument and ac authorized ca person, or t	knowledged pacity, and th	to at
CHRISTINE VU	I certify under PENALTY California that the foregoin	OF PERJURY un g paragraph is true	der the laws and correct.	of the State	of
Commission # 1704187 Notary Public - California Ventura County MyComm. SpiesNov11, 2010	WITNESS my hand and of	ficial seal < Notary	Jone Public	V.	
			sion expires	1 20	<u></u>

In Witness Whereof I have exec	uted this assignment on the	day of		20
Ingrid M. Fellows (Name of Inventor)		(Signat	ure of Inventor)	
			ŕ	
	UNITED STATES OF AMER	ICA		
State of ss:				
County of				20
				20
Before me, a Notary Public for	County, State of	of	, personally a	ppeared
	who proved to me on the bawhose name is subscribed to me that he/she executed the by his/her signature on the behalf of which the person and I certify under PENALTY Of California that the foregoing part with the strength of the strength o	to the within instruction to the within instruction of the same in his/her and instrument the cited, executed the paragraph is true and caragraph is true and the same instruction.	ument and acknown the control of the	owledged to ity, and that entity upon
		Notary F My commissi		20

In Witness Whereof I have exec	uted this assignment on the	day of	20
Jean-Christophe Harmange (Name of Inventor))	(Signatu	re of Inventor)
(Hamo of monto)		loighaid	re of inventor)
	UNITED STATES OF AMER	IICA	
State of			
County of ss:			20
Defere me a Naton Dublic for			
Before me, a Notary Public for	County, StateJean Christophe Harmange		, personally appeared
	who proved to me on the bawhose name is subscribed me that he/she executed the by his/her signature on the behalf of which the person a	to the within instruit same in his/her au instrument the p	ment and acknowledged to uthorized capacity, and that person, or the entity upon
	I certify under PENALTY O California that the foregoing		
	WITNESS my hand and office	ial seal.	
		Notary Po My commissio	

In Witness Whereof I have executed this	assignment on theda	y of20	
Tae-Seong Kim			
(Name of Inventor)	(Signature of Inventor)		
Witness Signature:	Date:		
Witness Name:	Signed at :		
(Print Name)		(City, State and Country)	
Witness Signature:	Date:		
Witness Name:			
(Print Name)		(City, State and Country)	

In Witness Whereof I have exec	cuted this assignment on the		May	20 08
Matthew Lee (Name of Inventor)		(Sigr	nature of Inventor)	·····
Cham's	UNITED STATES OF AME	ERICA		
State of California County of Ventura } ss:	-	May	5	<u>20 08</u>
Before me, a Notary Public for _	Ventura County, State	ŧ		appeared
	who proved to me on the whose name is subscribed me that he/she executed the by his/her signature on the behalf of which the person	d to the within in he same in his/he the instrument th	strument and ackrer authorized capa- ne person, or the	nowledged to city, and that
	I certify under PENALTY California that the foregoin			the State of
CHRISTINE VU Commission # 1704187 Notary Public - California Ventura County My Comm. Septes Nov 11, 2010	WITNESS my hand and of	Nota	ry Public ission expires	ر 20(<i>(</i>

In Witness Whereof I have execu	uted this assignment on the <u>J</u> day of <u>May</u> 20 D §
Longbin Liu	
(Name of Inventor)	(Signature of Inventor)
	UNITED STATES OF AMERICA
State of California	
State of California State of County of Ventura ss:	May 5 2000
Before me, a Notary Public for \underline{V}	County, State of Litomia, personally appeared
	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.
CHRISTINE VU Commission # 1704187 Notary Public - California	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.
Ventura County My Comm. Biplies Nov 11, 2010	Chistilla
	Notary Public My commission expires
	November 1 20 (O

In Witness Whereof I have execut	ed this assignment on the	5 th day of	May	20 <u>09</u>
Mark H. Norman (Name of Inventor)		(Signa	ture of Inventor)	y
	UNITED STATES OF AMI	ERICA		
State of California ss: County of Venture ss: Before me, a Notary Public for Ve	county, Sta	Mai te of <u>Califor</u>	ქ <u>6</u> N≥, personally a	20 උ
	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.			
CHRISTINE VU Commission # 1704187 Notary Public - California Ventura County MyCamm. Expires Nov 11, 2010	WITNESS my hand and o	Notary	Slutu Public sion expires	20 (0