# PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

## SUBMISSION TYPE:
NEW ASSIGNMENT

## NATURE OF CONVEYANCE:
ASSIGNMENT

### CONVEYING PARTY DATA

<table>
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<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
<tbody>
<tr>
<td>David Bauer</td>
<td>02/12/2007</td>
</tr>
<tr>
<td>Deborah Choquette</td>
<td>02/15/2007</td>
</tr>
<tr>
<td>Lucian V. DiPietro</td>
<td>03/22/2007</td>
</tr>
<tr>
<td>Russell Graceffa</td>
<td>02/12/2007</td>
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<tr>
<td>Jean-Christophe Harmange</td>
<td>02/15/2007</td>
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<tr>
<td>Qi Huang</td>
<td>02/07/2007</td>
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<tr>
<td>Joseph L. Kim</td>
<td>02/15/2007</td>
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<tr>
<td>Daniel La</td>
<td>02/15/2007</td>
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<tr>
<td>Aiwen Li</td>
<td>03/02/2007</td>
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<tr>
<td>Nobuko Nishimura</td>
<td>02/13/2007</td>
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<tr>
<td>Rana Nomak</td>
<td>02/28/2007</td>
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<td>Vinod Patel</td>
<td>02/09/2007</td>
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<tr>
<td>Michele Potashman</td>
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<td>Babak Riahi</td>
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<td>Thomas Storz</td>
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<tr>
<td>Simon Van Der Plas</td>
<td>02/23/2007</td>
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<tr>
<td>Kevin Yang</td>
<td>02/13/2007</td>
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<tr>
<td>Chester C. Yuan</td>
<td>02/13/2007</td>
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<tr>
<td>Julie Germain</td>
<td>02/24/2007</td>
</tr>
<tr>
<td>Benny C. Askew, Jr.</td>
<td>02/16/2007</td>
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### RECEIVING PARTY DATA

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<thead>
<tr>
<th>Name:</th>
<th>Amgen Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address:</td>
<td>One Amgen Center Drive</td>
</tr>
<tr>
<td>Internal Address:</td>
<td>Patent Operations MS 28-2-C</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>
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PROPERTY NUMBERS Total: 1

500252502  
REEL: 019112 FRAME: 0707
Property Type: Application Number: 11584151

CORRESPONDENCE DATA

Fax Number: (805)499-8011
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 805-447-7926
Email: podgorny@amgen.com
Correspondent Name: Joseph W. Bulock
Address Line 1: One Amgen Center Drive
Address Line 2: Patent Operations MS 28-2-C
Address Line 4: Thousand Oaks, CALIFORNIA 91320

ATTORNEY DOCKET NUMBER: A-1052-US-NP

NAME OF SUBMITTER: Karen Podgorny

Total Attachments: 182
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ASSIGNMENT

Whereas, we,  Julie GERMAIN, 47 Bower Street, Medford, MA 02155, US  
Benny C. ASKEW, JR., 266 Arrowhead Road, Marshfield, MA 02050, US  
David BAUER, 627 Concord Road, Sudbury, MA 01776, US  
Deborah CHOQUETTE, 17 Blakely Road, Medford, MA 02155, US  
Lucian V. DIPIETRO, 37 Centennial Avenue, Gloucester, MA 01930, US  
Russell GRACEFFA, 2 Wingate Street, Hampton, NH 03824, US  
Jean-Christophe HARMANGE, 57 William Street, Andover MA 01810, US  
Qi HUANG, 12308 Willow Forest Drive, Moorpark CA 93021, US  
Daniel LA, 124 Park Street, #3, Brookline, MA 02246, US  
Aiwen LI, 660 Via Colinas, Westlake Village, CA 91362, US  
Nobuko NISHIMURA, 24050 Arminta Street, West Hills, CA 91304, US  
Rana NOMACK, Bogazici University, Ucaksarar Loj. B Blok DA:20, Etiter Istanbul 34342, TR  
Vinod PATEL, 3 Mossy Lane, Acton, MA, 01720, US  
Michele POTASHMAN, 213 Harvard Street, Apt. 2R, Cambridge, MA, 02139, US  
Babak RIAHI, 6141 Kenwater Avenue, Woodland Hills, CA 91367, US  
Thomas STORZ, 1724 Blue Canyon Street, Thousand Oaks, CA 91320, US  
Simon VAN DER PLAS, 21 Shaughnessy Cres, Kanata, Ontario K2K 2P2, CA  
Kevin YANG, 8871 Camino Real Avenue, San Gabriel, CA 91775, US  
Chester C. YUAN, 1416 Geyser Court, Newbury Park, CA 91320, US

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

COMPUNDS AND METHODS OF USE

which is found in:

☐ (a) the US Patent Application executed on even date herewith; [which claims the benefit of U.S. Provisional Application No. filing date filed ___________________].

☐ (b) the US Patent Application executed on __________________ [which claims the benefit of U.S. Provisional Application No. filing date filed ___________________].

☒ (c) US Application Serial No.: 11/584,151 filed on October 20, 2006 which claims the benefit of U.S. Provisional Application No. 60/729,057 filed October 21, 2005.

☐ (d) 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 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 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 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 therefrom.

For ourselves and for our legal representatives, we 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 will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we 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 litigation; (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__

Julie GERMAIN
(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 _______________

☐ personally known to me - OR - ☐ 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.

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____

________________________
Benny C. ASKEW, JR.
(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 __________________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

________________________
Notary Public

My commission expires __________________________

_______ 20____
In Witness Whereof I have executed this assignment on the 12 day of FEBRUARY 07

______________
David BAUER
(Name of Inventor)

______________
(Signature of Inventor)

UNITED STATES OF AMERICA

State of Massachusetts ss:
County of Middlesex

Feb 12 2007

Before me, a Notary Public for Middlesex, Massachusetts, personally appeared ____________________________

________________________
DAVID BAUER

[ ] personally known to me - OR - [ ] 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.

WITNESS my hand and official seal.

________________________
David R. Boyle
Notary Public

My commission expires July 24, 2009

________________________
DAVID R. BOYLE
Notary Public
Commonwealth of Massachusetts
My Commission Expires Jul 24, 2009

5
In Witness Whereof I have executed this assignment on the 15 day of February 2007

Deborah CHOQUETTE
(Name of Inventor)

Deborah Choquette
(Signature of Inventor)

UNITED STATES OF AMERICA

State of Massachusetts
County of Middlesex

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

Deborah Choquette

☑ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

David R. Boyle
Notary Public

My commission expires July 24, 2009
In Witness Whereof I have executed this assignment on the ______ day of _______________ 20__

__________________________
Lucian V. DIPIETRO
(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 ______________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

__________________________
Notary Public

My commission expires ____________ 20__

__________________________
In Witness Whereof I have executed this assignment on the 12 day of Feb 2007

Russell GRACEFFA
(Name of Inventor)

(Signature of inventor)

UNITED STATES OF AMERICA

State of Massachusetts
County of Middlesex

Feb 12 2007

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

Russell GRACEFFA

✓ personally known to me - OR - □ 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.

WITNESS my hand and official seal.

David R. Boyle
Notary Public

My commission expires July 24 2009

DAVID R. BOYLE
Notary Public
Commonwealth of Massachusetts
My Commission Expires Jul 24, 2009
In Witness Whereof I have executed this assignment on the 15 day of February 2009

Jean-Christophe HARMANGE
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of Massachusetts
County of Middlesex ss:

FEB 15 2009

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

Jean-Christophe HARMANGE

☑ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

David R. Boyle
Notary Public

My commission expires

July 24 2009
In Witness Whereof I have executed this assignment on the ______ day of ________ 20____

Qi HUANG
(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

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

____________________________
Notary Public

My commission expires

____________________________ 20____
In Witness Whereof I have executed this assignment on the 15 day of February 2007

Joseph L. KIM (Name of Inventor)  Joseph L. Kim (Signature of Inventor)

UNITED STATES OF AMERICA

State of Massachusetts ss:
County of Middlesex

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

Joseph L. Kim

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

David R. Boyle  Notary Public

My commission expires July 24 2009
In Witness Whereof I have executed this assignment on the 15 day of Feb. 20 07

Daniel LA
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of Massachusetts
County of Middlesex

Feb 15 2007

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

Daniel LA

[] personally known to me - OR - [ ] 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.

WITNESS my hand and official seal.

[Signature]
Notary Public

My commission expires July 24 2009

[Stamp]
DAVID R. BOYLE
Notary Public
Commonwealth of Massachusetts
My Commission Expires Jul 24, 2009
In Witness Whereof I have executed this assignment on the _____ day of _______________ 20__

Aiwen LI
(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 _______________.

☐ personally known to me - OR - ☐ 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.

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__

Nobuko NISHIMURA                  (Signature of Inventor)
(Name of Inventor)

UNITED STATES OF AMERICA

State of ___________________________ ss:

______ 20____

County of _______________________  ss:

Before me, a Notary Public for [______ County], [State of ______], personally appeared ____________________

☐ personally known to me - OR - ☐ 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.

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___

____________________________
Rana NOMACK
(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 ____________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

_______________________________
Notary Public

My commission expires

_______________________________ 20___
In Witness Whereof I have executed this assignment on the 9th day of Feb 2007

Vinod PATEL
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of Massachusetts
County of Middlesex

Feb 9 2007

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

Vinod Patel

☑ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

David R. Boyle
Notary Public

My commission expires July 24 2009
In Witness Whereof I have executed this assignment on the 15 day of February 2007.

Michele POTASHMAN
(Name of Inventor)

________________________
(Michelle Potashman)
(Signature of Inventor)

UNITED STATES OF AMERICA

State of Massachusetts
County of Middlesex

________________________
(FEB 15 2007)

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

Michele Potashman

☑ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

________________________
(Notary Public)

My commission expires __________________________

________________________
(July 24 2009)
In Witness Whereof I have executed this assignment on the _______ day of _____________ 20___

Babak RIAHI
(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 __________________________

☐ personally known to me - OR - ☐ 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.

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____

Thomas STORZ
(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 ______________________

☐ personally known to me - OR - ☐ 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.

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___

Simon VAN DER PLAS
(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 _______________________

☐ personally known to me - OR - ☐ 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.

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___

______________________________
Kevin YANG
(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 ______________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

______________________________
Notary Public

My commission expires ______________________

______________________________ 20___

21
In Witness Whereof I have executed this assignment on the ______ day of _________, 20__

Chester C. YUAN
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ____________________________ ss:

__________ County of ____________ ss: 20__

Before me, a Notary Public for [____County], [State of ______], personally appeared ____________________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

______________________________
Notary Public

My commission expires

__________________________________ 20 ___
ASSIGNMENT

Whereas, we, Julie GERMAIN, 47 Bower Street, Medford, MA 02155, US
Benny C. ASKEW, JR., 266 Arrowhead Road, Marshfield, MA 02050, US
David BAUER, 627 Concord Road, Sudbury, MA 01776, US
Deborah CHOQUETTE, 17 Blakey Road, Medford, MA 02155, US
Lucian V. DIPIETRO, 37 Centennial Avenue, Gloucester, MA 01930, US
Russell GRACEFFA, 2 Wingate Street, Hampton, NH 03824, US
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Daniel LA, 124 Park Street, #3, Brookline, MA 02446, US
Aiwen LI, 660 Via Colinas, Westlake Village, CA 91362, US
Nobuko NISHIMURA, 24050 Arminta Street, West Hills, CA 91304, US
Rana NOMACK, Bogazici University, Ucaksavar Loj. B Blok DA:20, Etler Istanbul 34342, TR
Vind Patel, 3 Mossy Lane, Acton, MA, 01720, US
Michele POTASHMAN, 213 Harvard Street, Apt. 2R, Cambridge, MA, 02139, US
Babak RIAHI, 6141 Kenwater Avenue, Woodland Hills, CA 91367, US
Thomas STORZ, 1724 Blue Canyon Street, Thousand Oaks, CA 91320, US
Simon VAN DER PLAS, 21 Shaughnessy Cres, Kanata, Ontario K2K 2P2, CA
Kevin YANG, 8871 Camino Real Avenue, San Gabriel, CA 91775, US
Chester C. YUAN, 1416 Geyser Court, Newbury Park, CA 91320, US

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

COMPUCOMPS AND METHODS OF USE

which is found in:

☐ (a) the US Patent Application executed on even date herewith; [which claims the benefit of U.S. Provisional Application No. ____________________ filed ____________________]

☐ (b) the US Patent Application executed on ____________________ [which claims the benefit of U.S. Provisional Application No. ____________________ filed ____________________]

☒ (c) US Application Serial No.: 11/584,151 filed on October 20, 2006 which claims the benefit of U.S. Provisional Application No. 60/729,057 filed October 21, 2005.

☐ (d) 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 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 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 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 legal representatives, we 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 will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we 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 litigation; (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___

Julie GERMAIN  
(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 ________________

☐ personally known to me - OR - ☐ 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.

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____

Benny C. ASKEW, JR. (Name of Inventor) (Signature of Inventor)

UNITED STATES OF AMERICA

State of ____________________________ ss:

_____________________________ 20____

Before me, a Notary Public for [____ County], [State of ______], personally appeared __________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

______________________________

Notary Public

My commission expires ____________________________ 20____

PATENT
REEL: 019112 FRAME: 0737
In Witness Whereof I have executed this assignment on the _____ day of ____________ 20____

David BAUER
(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 ________________________

☐ personally known to me - OR - ☐ 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.

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____

Deborah CHOQUETTE
(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 ____________

☐ personally known to me - OR - ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this 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.

WITNESS my hand and official seal.

__________________________
Notary Public

My commission expires

__________________________ 20____
In Witness Whereof I have executed this assignment on the 3rd day of March, 2017

Lucian V. DiPIETRO
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of

County of }

ss:

(County), [State of MA] personally appeared

Before me, a Notary Public for [County], [State of MA] personally appeared

☐ personally known to me - OR - ☒ 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.

WITNESS my hand and official seal.

Notary Public

My commission expires

HOURI ARTINIAN
Notary Public
Commonwealth of Massachusetts
My Commission Expires
JUNE 2, 2011

7
In Witness Whereof I have executed this assignment on the _______ day of _______ 20____

Russell GRACEFFA (Name of Inventor) 

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _______ ss:

_______ 20____

Before me, a Notary Public for [____County], [State of _______], personally appeared _________________.

☐ personally known to me - OR - ☐ 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.

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 _______________________

☐ personally known to me - OR - ☐ 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.

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__

Qi HUANG  
(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 ____________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

__________________________  
Notary Public

My commission expires 

__________________________ 20__

10

PATENT
REEL: 019112 FRAME: 0743
In Witness Whereof I have executed this assignment on the _____ day of ________ 20____

Joseph L. 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 ____________

☐ personally known to me - OR - ☐ 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.

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____

Daniel LA
(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 ________________________

☐ personally known to me - OR - ☐ 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.

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____

______________________________________________
Aiwen LI
(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 __________

□ personally known to me - OR - □ 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.

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___

__________________________
Nobuko NISHIMURA
(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 _______________________

☐ personally known to me - OR - ☐ 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.

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____

Rana NOMACK
(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

______________________________

☐ personally known to me - OR - ☐ 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.

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__

Vinod PATEL
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ________________
County of ________________ ss: ________________

Before me, a Notary Public for [____County], [State of ____], personally appeared ________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

____________________________
Notary Public

My commission expires

____________________________

16

PATENT
REEL: 019112 FRAME: 0749
In Witness Whereof I have executed this assignment on the _____ day of ___________ 20_____

Michele POTASHMAN  
(Name of Inventor)  

(Signature of Inventor)

UNITED STATES OF AMERICA

State of 
County of } ss:


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

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

______________________________  
Notary Public  

My commission expires  

______________________________ 20_____

17
In Witness Whereof I have executed this assignment on the _______ day of _____________ 20____

_____________________________  
Babak RIAHI  
(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 ________________

☐ personally known to me - OR - ☐ 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.

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__

Thomas STORZ
(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 ________

☐ personally known to me - OR - ☐ 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.

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____

Simon VAN DER PLAS
(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 _______________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

________________________
Notary Public

My commission expires

______________________________
20____

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

Kevin YANG  
(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 ____________________________

☐ personally known to me - OR - ☐ 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.

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____

________________________
Chester C. YUAN
(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 ______________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

________________________
Notary Public

My commission expires

20____
ASSIGNMENT

Whereas, we, Julie GERMAIN, 47 Bower Street, Medford, MA 02155, US
Benny C. ASKEW, JR., 266 Arrowhead Road, Marshfield, MA 02050, US
David BAUER, 627 Concord Road, Sudbury, MA 01776, US
Deborah CHOQUETTE, 17 Blakely Road, Medford, MA 02155, US
Lucian V. DIPETRO, 37 Centennial Avenue, Gloucester, MA 01930, US
Russell GRACEFFA, 2 Wingate Street, Hampton, NH 03824, US
Jean-Christophe HARMANGE, 57 William Street, Andover MA 01810, US
Qi HUANG, 12308 Willow Forest Drive, Moorpark CA 93021, US
Daniel LA, 124 Park Street, #3, Brookline, MA 02446, US
Aiwen LI, 660 Via Colinas, Westlake Village, CA 91362, US
Nobuko NISHIMURA, 24050 Arminta Street, West Hills, CA 91304, US
Rana NOMACK, Bogazici University, Ucaksavar Loj. B Blok DA:20, Etuler Istanbul 34342, TR
Vinod PATEL, 3 Mossy Lane, Acton, MA, 01720, US
Michele POTASHMAN, 213 Harvard Street, Apt. 2R, Cambridge, MA, 02139, US
Babak RIAHI, 6141 Kenwater Avenue, Woodland Hills, CA 91367, US
Thomas STORZ, 1724 Blue Canyon Street, Thousand Oaks, CA 91320, US
Simon VAN DER PLAS, 21 Shaughnessy Cres, Kanata, Ontario K2K 2P2, CA
Kevin YANG, 8871 Camino Real Avenue, San Gabriel, CA 91775, US
Chester C. YUAN, 1416 Geyser Court, Newbury Park, CA 91320, US

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

COMPENDIES AND METHODS OF USE

which is found in:

☐ (a) the US Patent Application executed on even date herewith; [which claims the benefit of U.S. Provisional Application No. ______________________________ filed ________________]

☐ (b) the US Patent Application executed on ______________________________ [which claims the benefit of U.S. Provisional Application No. ______________________________ filed ________________]

☒ (c) US Application Serial No.: 11/584,151 filed on October 20, 2006
which claims the benefit of U.S. Provisional Application No. 60/729,057 filed October 21, 2005.

☐ (d) 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 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 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 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 legal representatives, we 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 will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we 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 litigation; (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__

Julie GERMAIN
(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 ________________________

☐ personally known to me - OR - ☐ 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.

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 Feb 2007

Benny C. ASKEW, JR. (Name of Inventor)  

(Signature of Inventor)

UNITED STATES OF AMERICA

State of } ss:

County of

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

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Jan. 23 2009

My commission expires

Diane Cuddemi  
Notary Public

Commencement of Massachusetts  
My commission Expires Jan 23, 2009
In Witness Whereof I have executed this assignment on the ______ day of ______ 20__

David BAUER
(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 ____________

☐ personally known to me - OR - ☐ 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.

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____

______________________________
Deborah CHOQUETTE
(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 __________________________

☐ personally known to me - OR - ☐ 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.

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____

Lucian V. DIPIETRO
(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 ___________________________

☐ personally known to me - OR - ☐ 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.

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__

Russell GRACEFFA
(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 ______________

☐ personally known to me - OR - ☐ 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.

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 ________________

☐ personally known to me - OR - ☐ 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.

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__

Qi Huang
(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 _______________________

☐ personally known to me - OR - ☐ 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.

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____

Joseph L. 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 ______________________

☐ personally known to me - OR - ☐ 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.

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____

Daniel LA
(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 __________

☐ personally known to me - OR - ☐ 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.

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___

Aiwen LI
(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 ________________

☐ personally known to me - OR - ☐ 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.

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__

Nobuko NISHIMURA (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 ____________________________

☐ personally known to me - OR - ☐ 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.

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__

Rana NOMACK  
(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 ______________

☐ personally known to me - OR - ☐ 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.

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____

Vinod PATEL
(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 _________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Notary Public

My commission expires _________ 20____

16
In Witness Whereof I have executed this assignment on the _____ day of _____________ 20__

Michele POTASHMAN
(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 _____________

☐ personally known to me - OR - ☐ 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.

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__

______________________________
Babak RIAHI
(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 ____________

□ personally known to me - OR - □ 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.

WITNESS my hand and official seal.

______________________________
Notary Public

My commission expires ________________ 20__

18

PATENT
REEL: 019112 FRAME: 0773
In Witness Whereof I have executed this assignment on the __________ day of __________ 20__

Thomas STORZ _______________________
(Name of Inventor) _______________________
(Signature of Inventor)

UNITED STATES OF AMERICA

State of [________] ss:

__________________________ 20__

Before me, a Notary Public for [________County], [State of ______], personally appeared ______________________

☐ personally known to me - OR - ☐ 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.

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__

Simon VAN DER PLAS
(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 _________________________

☐ personally known to me - OR - ☐ 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.

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__

Kevin YANG  
(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 ______________________

☐ personally known to me - OR - ☐ 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.

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 __

Chester C. YUAN  (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 ___________________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

__________________________
Notary Public

My commission expires ____________________________ 20 _____
ASSIGNMENT

Whereas, we, Julie GERMAIN, 47 Bower Street, Medford, MA 02155, US
Benny C. ASKEW, JR., 266 Arrowhead Road, Marshfield, MA 02050, US
David BAUER, 627 Concord Road, Sudbury, MA 017766, US
Deborah CHOQUETTE, 17 Blakely Road, Medford, MA 02155, US
Lucian V. DIPIETRO, 37 Centennial Avenue, Gloucester, MA 01930, US
Russell GRACEFFA, 2 Wingate Street, Hampton, NH 03842, US
Jean-Christophe HARMANGE, 57 William Street, Andover MA 01810, US
Qi HUANG, 12308 Willow Forest Drive, Moorpark CA 93021, US
Daniel LA, 124 Park Street, #3, Brookline, MA 02446, US
Aiwen LI, 660 Via Colinas, Westlake Village, CA 91362, US
Nobuko NISHIMURA, 24050 Arminta Street, West Hills, CA 91304, US
Rana NOMACK, Bogazici University, Ucaksavar Loj. B Blok DA:20, Etiler Istanbul 34342, TR
Vinod PATEL, 3 Mossy Lane, Acton, MA, 01720, US
Michele POTASHMAN, 213 Harvard Street, Apt. 2R, Cambridge, MA, 02139, US
Babak RIAHI, 6141 Kenwater Avenue, Woodland Hills, CA 91367, US
Thomas STORZ, 1724 Blue Canyon Street, Thousand Oaks, CA 91320, US
Simon VAN DER PLAS, 21 Shaughnessy Cres, Kanata, Ontario K2K 2P2, CA
Kevin YANG, 8871 Camino Real Avenue, San Gabriel, CA 91775, US
Chester C. YUAN, 1416 Geyser Court, Newbury Park, CA 91320, US

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

COMPOUNDS AND METHODS OF USE

which is found in:

☐ (a) the US Patent Application executed on even date herewith; [which claims the benefit of U.S. Provisional Application No. ______________________ filed ______________________].

☐ (b) the US Patent Application executed on ______________________ [which claims the benefit of U.S. Provisional Application No. ______________________ filed ______________________].

☒ (c) US Application Serial No.: 11/584,151 filed on October 20, 2006

which claims the benefit of U.S. Provisional Application No. 60/729,057 filed October 21, 2005.

☐ (d) 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 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 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 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 legal representatives, we 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 will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we 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 litigation; (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 24\textsuperscript{th} day of February 2007

Julie GERMAIN  
(Name of Inventor)

Julie GERMAIN  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of MA  
County of Middlesex ss:  
February 24\textsuperscript{th} 2007

Before me, a Notary Public for MA, personally appeared Julie GERMAIN

☐ personally known to me - OR - ☑ 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.

WITNESS my hand and official seal.

Notary Public
My commission expires

STACEY R. PRICE  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 25, 2012
In Witness Whereof I have executed this assignment on the _____ day of ______________ 20__

Benny C. ASKEW, JR.  
(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 ____________________________

☐ personally known to me - OR - ☐ 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.

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__

David BAUER
(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 ____________________________

☐ personally known to me - OR - ☐ 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.

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___

Deborah CHOQUETTE
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _______ ss:
County of _______

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

☐ personally known to me - OR - ☐ 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.

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__

Lucian V. DIPIETRO
(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 ______________________

☐ personally known to me - OR - ☐ 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.

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__

Russell GRACEFFA
(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 ________________ 

☐ personally known to me - OR - ☐ 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.

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 _____________

☐ personally known to me - OR - ☐ 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.

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__

Qi HUANG
(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 ____________________________

☐ personally known to me - OR - ☐ 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.

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__

Joseph L. 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 __________________________

☐ personally known to me - OR - ☐ 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.

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__

Daniel LA
(Name of Inventor)                  (Signature of Inventor)

UNITED STATES OF AMERICA

State of } ss:
County of

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

☐ personally known to me - OR - ☐ 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.

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____

Aiw en LI
(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____________________

☐ personally known to me - OR - ☐ 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.

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____

Nobuko NISHIMURA
(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 ______________

☐ personally known to me - OR - ☐ 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.

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___

Rana NOMACK  
(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 __________________________

☐ personally known to me - OR - ☐ 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.

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___

Vinod PATEL 
(Name of Inventor)

___________________________________________
(Signature of Inventor)

UNITED STATES OF AMERICA

State of 
County of 
}

ss: 


Before me, a Notary Public for [County], [State of ___], personally appeared ______________

☐ personally known to me - OR - ☐ 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.

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__

Michele POTASHMAN  
(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 ____________

☐ personally known to me - OR - ☐ 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.

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__

Babak RIAHI  
(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 ____________

☐ personally known to me - OR - ☐ 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.

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__

Thomas STORZ
(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 ________________

☐ personally known to me - OR - ☐ 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.

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____

Simon VAN DER PLAS
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ______
County of ______

ss: ______

Before me, a Notary Public for [_____ County], [State of ______], personally appeared ____________

☐ personally known to me - OR - ☐ 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.

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__

Kevin YANG
(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 __________________________

☐ personally known to me - OR - ☐ 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.

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__

Chester C. YUAN
(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 __________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

__________________________
Notary Public

My commission expires

__________________________
20__
公证书

中华人民共和国山东省滨州市公证处
ASSIGNMENT

Whereas we, Julie GERMAIN, 47 Bower Street, Medford, MA 02155, US
Benny C. ASKEW, JR., 266 Arrowhead Road, Marshfield, MA 02050, US
David BAUER, 627 Concord Road, Sudbury, MA 01776, US
Deborah CHOQUETTE, 17 Blakely Road, Medford, MA 02155, US
Lucian V. DIPIETRO, 37 Centennial Avenue, Gloucester, MA 01930, US
Russel GRACEFFA, 2 Wingate Street, Hampton, NH 03824, US
Jean-Christophe HARMANGE, 57 William Street, Andover MA 01810, US
Qi HUANG, 12308 Willow Forest Drive, Moorpark CA 93021, US
Daniel LA, 124 Park Street, #3, Brookline, MA 02446, US
Aiwen LI, 660 Via Colinas, Westlake Village, CA 91362, US
Nobuko NISHIMURA, 24050 Arminta Street, West Hills, CA 91304, US
Rana NOMACK, Bogazici University, Ucaksavar Loj. B Blok DA:20, Etiler Istanbul 34432, TR
Vinod PATEL, 3 Mossy Lane, Acton, MA, 01720, US
Michele POTASHMAN, 213 Harvard Street, Apt. 2R, Cambridge, MA, 02139, US
Babak RIAHI, 6141 Kenwater Avenue, Woodland Hills, CA 91367, US
Thomas STORZ, 1724 Blue Canyon Street, Thousand Oaks, CA 91320, US
Simon VAN DER PLAS, 21 Shaughnessy Cres, Kanata, Ontario K2K 2P2, CA
Kevin YANG, 8871 Camino Real Avenue, San Gabriel, CA 91775, US
Chester C. YUAN, 1416 Geyser Court, Newbury Park, CA 91320, US

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

COMPOUNDS AND METHODS OF USE

which is found in:

☐ (a) the US Patent Application executed on even date herewith; [which claims the benefit of U.S.
 Provisional Application No. filed
☐ (b) the US Patent Application executed on [which claims the benefit
 of U.S. Provisional Application No. filed
☒ (c) US Application Serial No.: 1/684,151 filed on October 20, 2006
 which claims the benefit of U.S. Provisional Application No. 60/729,057 filed October 21, 2006.
☐ (d) 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 recelot of which is hereby acknowledged, we 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 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 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 legal representatives, we 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 will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we 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 litigation; (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__

Julie GERMAIN
(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 ______________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

___________________________
Notary Public

My commission expires

___________________________ 20__

PATENT
REEL: 019112 FRAME: 0803
In Witness Whereof I have executed this assignment on the ______ day of ___________ 20__

Benny C. ASKEW, JR.  
(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 ____________________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

________________________  
Notary Public

My commission expires __________________________ 20__

PATENT
REEL: 019112 FRAME: 0804
In Witness Whereof I have executed this assignment on the ______day of _______20____

David BAUER
(Name of Inventor)  

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _______ } ss: _______20____

County of _______  

Before me, a Notary Public for [____County], [State of _______], personally appeared _______  

☐ personally known to me - OR - ☐ 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.

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____

Deborah CHOQUETTE
(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 __________________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

____________________________________________
Notary Public

My commission expires __________________________ 20____

PATENT
REEL: 019112 FRAME: 0806
In Witness Whereof I have executed this assignment on the ______ day of ________ 20__

Lucian V. DiPIETRO
(Name of Inventor) 
(Signature of Inventor)

UNITED STATES OF AMERICA

State of ______ ss:

County of ______

Before me, a Notary Public for [_____County], [State of ______], personally appeared __________

☐ personally known to me - OR - ☐ 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.

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__

Russell GRACEFFA
(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 __________________________

☐ personally known to me - OR - ☐ 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.

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 ____________

☐ personally known to me - OR - ☐ 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.

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___

Qi HUANG
(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 ________________________

☐ personally known to me - OR - ☐ 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.

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____

Joseph L. KIM
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of Count y of ss:

____________________________________ 20____

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

☐ personally known to me - OR - ☐ 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.

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____

Daniel LA
(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 ________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

________________________________________
Notary Public

My commission expires

________________________________________
20____
In Witness Whereof I have executed this assignment on the 2nd day of March 2007

Aiwen LI
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ____________ ss:

Before me, a Notary Public for [_____County], [State of _____], personally appeared ________________

☐ personally known to me - OR - ☐ 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.

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__

Nobuko NISHIMURA
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____ ss:

_________________________ 20__

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

☐ personally known to me - OR - ☐ 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.

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______

Rana NOMACK  
(Name of inventor)  

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ________ ss:  

______day of _______ 20______

Before me, a Notary Public for [_____County], [State of ________], personally appeared ___________________

☐ personally known to me  - OR -  ☐ 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.

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____

Vinod PATEL
(Name of Inventor) 

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ______ ss:

______ 20____

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

☐ personally known to me OR ☐ 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.

WITNESS my hand and official seal.

\]

Notary Public

My commission expires ______ 20____

Docket No: A-1052-US-NP
In Witness Whereof I have executed this assignment on the ______ day of _________ 20___

Michele POTASHMAN
(Name of Inventor) ____________________________________________________________________________

(Signature of Inventor)

UNITED STATES OF AMERICA

State of } ss: ____________________________________________________________________________

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

______ I personally known to me - OR - ______ 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.

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__

Babak RIAHI
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ] ss:

[County of ]

[ ] personally known to me - OR - [ ] 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.

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____

Thomas STORZ
(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 ______________________

☐ personally known to me - OR - ☐ 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.

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__

Simon VAN DER PLAS
(Name of Inventor) {Signature of Inventor}

UNITED STATES OF AMERICA

State of ) ss:
County of ______ 20__

Before me, a Notary Public for ______, ______, personally appeared ______

☐ personally known to me - OR - ☐ 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.

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__

Kevin YANG
(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 __________________________

☐ personally known to me - OR - ☐ 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.

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___

Chester C. YUAN
(Name of inventor)  

(Signature of Inventor)

UNITED STATES OF AMERICA

State of [ ] ss:

County of [ ] ss:

20___

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

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Notary Public

My commission expires 20___
公证书

(2007) 滨证外字第 236 号

兹证明李爱文（男，一九六八年九月二日出生，现住山东省沾化县富国镇中心路 322 号）于二 OO 七年三月二日来到我处，在我的面前，在前面的《ASSIGNMENT》上签名。

中华人民共和国山东省滨州市公证处

公证员 吴德平

二 OO 七年三月二日

XM00977062
NOTARIAL CERTIFICATE

(Translation)


This is to certify that Li Aiwen, (male, born on September 2, 1968, now residing at No. 322, Zhongxin Road, Fuguo Town, Zhanhua County, Shandong Province) came to Binzhou Notary Public Office on March 2, 2007, and affixed his signature on the ASSIGNMENT attached hereto in my presence.

Notary: Wu Deping
Binzhou Notary Public Office
Shandong Province
The People’s Republic of China
March 2, 2007
证明书

(2007) 浦证外字第 237 号

兹证明前面的(2007)浦证外字第 236 号《公证书》
的英文译本内容与该公证书中文原本相符。

中华人民共和国山东省滨州市公证处

公证员 吴德平

二〇〇七年三月一日

XM00977064
CERTIFICATE

(Translation)


This is to certify that the English translated copy of Notarial Certificate (2007) Bin Zheng Wai Zi, No. 236 attached hereto is in conformity with the Chinese original copy of the Notarial Certificate.

Notary: Wu Deping

Binzhou Notary Public Office

Shandong Province

The People’s Republic of China

March 2, 2007
ASSIGNMENT

Whereas, we, Julie GERMAIN, 47 Bower Street, Medford, MA 02155, US
Benny C. ASKEW, JR., 266 Arrowhead Road, Marshfield, MA 02050, US
David BAUER, 627 Concord Road, Sudbury, MA 017766, US
Deborah CHOQUETTE, 17 Blakely Road, Medford, MA 02155, US
Lucian V. DIPIETRO, 37 Centennial Avenue, Gloucester, MA 01930, US
Russell GRACEFFA, 2 Wingate Street, Hampton, NH 03842, US
Jean-Christophe HARMANGE, 57 William Street, Andover MA 01810, US
Qi HUANG, 12308 Willow Forest Drive, Moorpark CA 93021, US
Daniel LA, 124 Park Street, #3, Brookline, MA 02446, US
Aiwen LI, 660 Via Colinas, Westlake Village, CA 91362, US
Nobuko NISHIMURA, 24050 Arminta Street, West Hills, CA 91304, US
Rana NOMACK, Bogazici University, Ucaksavar Loj. B Blok DA:20, Etler Istanbul 34342, TR
Vinod PATEL, 3 Mossy Lane, Acton, MA, 01720, US
Michele POTASHMAN, 213 Harvard Street, Apt. 2R, Cambridge, MA, 02139, US
Babak RIAHI, 6141 Kenwater Avenue, Woodland Hills, CA 91367, US
Thomas STORZ, 1724 Blue Canyon Street, Thousand Oaks, CA 91320, US
Simon VAN DER PLAS, 21 Shaughnessy Cres, Kanata, Ontario K2K 2P2, CA
Kevin YANG, 8871 Camino Real Avenue, San Gabriel, CA 91775, US
Chester C. YUAN, 1416 Geyser Court, Newbury Park, CA 91320, US

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

COMPOUNDS AND METHODS OF USE

which is found in:

☐ (a) the US Patent Application executed on even date herewith; [which claims the benefit of U.S. Provisional Application No. _________________________ filed _________________________]

☐ (b) the US Patent Application executed on _________________________ [which claims the benefit of U.S. Provisional Application No. _________________________ filed _________________________]

☒ (c) US Application Serial No.: 11/584,151 filed on October 20, 2006 which claims the benefit of U.S. Provisional Application No. 60/729,057 filed October 21, 2005.

☐ (d) 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 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 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 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 legal representatives, we 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 will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we 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 litigation; (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__

Julie GERMAIN
(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 __________

☐ personally known to me - OR - ☐ 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.

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____

Benny C. ASKEW, JR. (Name of Inventor) ____________________________ (Signature of Inventor)

UNITED STATES OF AMERICA

State of ____________________________ ss:

______________________________ 20____

County of ____________________________

Before me, a Notary Public for [______ County], [State of ______], personally appeared ____________________________

☐ personally known to me - OR - ☐ 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.

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____

David BAUER  
(Name of Inventor)  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of  
County of  
{ } ss:


Before me, a Notary Public for [_____County], [State of _________________], personally appeared _________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

__________________________________________

Notary Public

My commission expires

__________________________________________ 20____

PATENT
REEL: 019112 FRAME: 0832
In Witness Whereof I have executed this assignment on the ______ day of _______ 20____

_________________________
Deborah CHOQUETTE
(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 _________________

☐ personally known to me - OR - ☐ 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.

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______

Lucian V. DIPIETRO
(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 __________________

☐ personally known to me - OR - ☐ 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.

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___

Russell GRACEFFA
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of [_____] ss:

[_____] ss: 20___

Before me, a Notary Public for [_____] [State of _______], personally appeared ________________

[ ] personally known to me - OR - [ ] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the written 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.

WITNESS my hand and official seal.

__________________________
Notary Public

My commission expires

__________________________ 20___

Docket No: A-1052-US-NP
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 ____________________

☐ personally known to me - OR - ☐ 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.

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____

Qi HUANG
(Name of Inventor)  
(Signature of Inventor)

UNITED STATES OF AMERICA

State of ____________________________
County of ____________________________
} ss:

____________________________________

Before me, a Notary Public for [County], [State of ___], personally appeared ____________________

☐ personally known to me - OR - ☐ 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.

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____

Joseph L. 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 ____________________________

☐ personally known to me - OR - ☐ 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.

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___

Daniel LA
(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 ___________________

☐ personally known to me - OR - ☐ 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.

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___

Aiwen LI
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of [ ] ss:
County of [ ]

[ ] 20___

Before me, a Notary Public for [______County], [_______State], personally appeared ________________________________

□ personally known to me - OR - □ 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.

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__

Nobuko NISHIMURA
(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 ________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

__________________
Notary Public

My commission expires

__________________ 20__
In Witness Whereof I have executed this assignment on the 28th day of February 2007

Rana NOMACK  
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of  
County of  

Feb 28, 2007

Istanbul, Turkey

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

Rana Nomack

☑ personally known to me - OR - ☐

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.

WITNESS my hand and official seal

Nov. 17, 2007

Notary Public

My commission expires  

Nov. 17, 2007
In Witness Whereof I have executed this assignment on the ______ day of ______________ 20__

__________________________________________
Vinod PATEL
(Name of Inventor)

__________________________________________
(Signature of Inventor)

UNITED STATES OF AMERICA

State of
County of [ ] ss:

__________________________________________

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

☐ personally known to me - OR - ☐ 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.

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__

Michele POTASHMAN
(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 ________________________________

☐ personally known to me - OR - ☐ 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.

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___

______________________________
Babak RIAHI
(Name of Inventor) ________

______________________________
(Signature of Inventor) ________

UNITED STATES OF AMERICA

State of ____________
County of ____________

} ss: __________________________

Before me, a Notary Public for [_____County], [State of _____], personally appeared ________________________________

______________________________
Notary Public

My commission expires __________________________

______________________________
20____
In Witness Whereof I have executed this assignment on the ______ day of _______ 20____

Thomas STORZ
(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 ____________________________

☐ personally known to me - OR - ☐ 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.

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____

__________________________
Simon VAN DER PLAS
(Name of Inventor)

__________________________
(Signature of Inventor)

UNITED STATES OF AMERICA

State of ______
County of ______ ss:

__________________________
_______ day of ____________ 20____

Before me, a Notary Public for [____County], [State of ______], personally appeared ____________________________

☐ personally known to me - OR - ☐ 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.

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____

Kevin YANG
(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 ____________

☐ personally known to me - OR - ☐ 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.

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____

Chester C. YUAN
(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 _____________________

□ personally known to me - OR - □ 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.

WITNESS my hand and official seal.

____________________________
Notary Public

My commission expires _____________________ 20____
ASSIGNMENT

Whereas we, Julie GERMAIN, 47 Bower Street, Medford, MA 02155, US
Benny C. ASKEW, JR., 266 Arrowhead Road, Marshfield, MA 02050, US
David BAUER, 627 Concord Road, Sudbury, MA 017766, US
Deborah CHOQUETTE, 17 Blakely Road, Medford, MA 02155, US
Lucian V. DIPIETRO, 37 Centennial Avenue, Gloucester, MA 01930, US
Russell GRACEFFA, 2 Wingate Street, Hampton, NH 03824, US
Jean-Christophe HARMANGE, 57 William Street, Andover MA 01810, US
Qi HUANG, 12308 Willow Forest Drive, Moorpark CA 93021, US
Daniel LA, 124 Park Street, #3, Brookline, MA 02446, US
Aiwen LI, 660 Via Colinas, Westlake Village, CA 91362, US
Nobuko NISHIMURA, 24050 Arminta Street, West Hills, CA 91304, US
Rana NOMACK, Bogazici University, Ucaksavar Loj. B Blok DA:20, Etler Istanbul 34342, TR
Vinod PATEL, 3 Mossy Lane, Acton, MA, 01720, US
Michele POTASHMAN, 213 Harvard Street, Apt. 2R, Cambridge, MA, 02139, US
Babak RIAHI, 6141 Kenwater Avenue, Woodland Hills, CA 91367, US
Thomas STORZ, 1724 Blue Canyon Street, Thousand Oaks, CA 91320, US
Simon VAN DER PLAS, 21 Shaughnessy Cres, Kanata, Ontario K2K 2P2, CA
Kevin YANG, 8871 Camino Real Avenue, San Gabriel, CA 91775, US
Chester C. YUAN, 1416 Geyser Court, Newbury Park, CA 91320, US

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

COMPOUNDS AND METHODS OF USE

which is found in:

☐ (a) the US Patent Application executed on even date herewith; [which claims the benefit of U.S.
Provisional Application No. ________________________ filed ________________________ ]
☐ (b) the US Patent Application executed on ________________________ [which claims the benefit
of U.S. Provisional Application No. ________________________ filed ________________________ ]
☒ (c) US Application Serial No.: 11/584,151 filed on October 20, 2006

which claims the benefit of U.S. Provisional Application No. 60/729,057 filed October 21, 2006.
☐ (d) 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 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 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 material(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 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 legal representatives, we 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 will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we 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 litigation; (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__

Julie GERMAIN  ____________________________  ____________________________
(Name of Inventor)  (Signature of Inventor)

UNITED STATES OF AMERICA

State of ____________________________  20__
County of ____________________________ ss:  ________

Before me, a Notary Public for [________County], [State of_______], personally appeared ________________________

☐ personally known to me - OR - ☐ 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.

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_____.

Benny C. ASKEW, JR.  
(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 _______________.

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Notary Public

My commission expires _______________ 20_____.

4
In Witness Whereof I have executed this assignment on the ______ day of ____________ 20____

David BAUER (Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ____________ ss:

20____

Before me, a Notary Public for [____County], [State of _____], personally appeared __________

□ personally known to me - OR - □ 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.

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__

Deborah CHOQUETTE
(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 ________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Notary Public

My commission expires ________________ 20__

6
In Witness Whereof I have executed this assignment on the _____ day of _____ 20__

_________________________________________  ______________________________ (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

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

_________________________________________  ______________________________ (Notary Public)

My commission expires

_________________________________________  _______ 20_____

7
In Witness Whereof I have executed this assignment on the ___________ day of ___________ 20__

________________________________________
Russell GRACEFFA
(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 ___________

☐ personally known to me - OR - ☐ 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.

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 

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

________________________
Notary Public

My commission expires 

__________________________ 20__
In Witness Whereof I have executed this assignment on the 7th day of February 2007

Qi HUANG
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California
County of Ventura } ss:

February 7, 2007

Before me, a Notary Public for [County], [State of ___], personally appeared __________________________

Qi Huang

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Karen E. Podgorny
Notary Public

My commission expires

October 28, 2010
In Witness Whereof I have executed this assignment on the ______ day of ______ 20____

____________________________
Joseph L. KIM
(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 ________

☐ personally known to me - OR - ☐ 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.

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____

Daniel LA
(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 ________________

☐ personally known to me - OR - ☐ 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.

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___.

Aiwen LI
(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 _____________.

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Notary Public

My commission expires ____________.. 20___.
In Witness Whereof I have executed this assignment on the 13 day of February 2007

Nobuko NISHIMURA (Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California } ss:

County of Ventura

February 13 2007

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

Nobuko Nishimura

☐ personally known to me - OR - ☑ 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.

WITNESS my hand and official seal.

Karen E. Podgorny
Notary Public

My commission expires

October 28 2010

Docket No: A-1052-US-NP
In Witness Whereof I have executed this assignment on the _____ day of ____________ 20 ____

Rana NOMACK
(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 ________________

☐ personally known to me - OR - ☐ 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.

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____

Vinod Patel
(Name of Inventor) ______________________________
(Signature of Inventor)

UNITED STATES OF AMERICA

State of ___________________________
County of ___________________________
ss: ___________________________

_______ day of ______ 20____

Before me, a Notary Public for [_____County], [State of _____], personally appeared ___________________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

_____________________________
Notary Public

My commission expires ___________________________

____________ day of ______ 20____
In Witness Whereof I have executed this assignment on the __________ day of __________ 20__

Michele POTASHMAN
(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 ____________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

__________________________
Notary Public

My commission expires

__________________________ 20__
In Witness Whereof I have executed this assignment on the 28th day of March 2007

Babak RIAHI
(Name of Inventor)

[Signature of Inventor]

UNITED STATES OF AMERICA

State of California
County of Ventura } ss:

March 2, 2007

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

Babak Riahi

☐ personally known to me - OR - ☑ 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.

WITNESS my hand and official seal.

KAREN E. PODGORY
Commission # 16969009
Notary Public - California
Ventura County
My Comm. Expires Oct 28, 2010

Karen E. Podgory
Notary Public

My commission expires

October 28, 2010
In Witness Whereof I have executed this assignment on the 13th day of February 2007

Thomas STORZ
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California ss:

County of Ventura

February 13 2007

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

Thomas STORZ

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

KAREN E. PODGORYNY
Notary Public

My commission expires October 28 2010
In Witness Whereof I have executed this assignment on the ______ day of ______ 20____

Simon VAN DER PLAS  
(Name of Inventor)  

(Signature of Inventor)

UNITED STATES OF AMERICA

State of ______ ss: ______
County of ______ ss: ______

20____

Before me, a Notary Public for [_____County], [State of _____], personally appeared __________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

____________
Notary Public

My commission expires ______

20____
In Witness Whereof I have executed this assignment on the 13th day of Feb. 2007

Kevin YANG
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California
County of Ventura

February 13 2007

Before me, a Notary Public for [___County], [State of California] personally appeared

Kevin Yang

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Karen E. Podgornay
Notary Public

My commission expires

October 28 2010
In Witness Whereof I have executed this assignment on the 13th day of Feb. 2007

Chester C. YUAN
(Name of Inventor)

(Signature of Inventor)

UNITED STATES OF AMERICA

State of California
County of Ventura } ss:

February 13 2007

Before me, a Notary Public for Ventura County, personally appeared

Chester C. Yuan

☐ personally known to me - OR - ☑ 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.

WITNESS my hand and official seal.

Christine Denise Gray
Notary Public

My commission expires

November 11 2010
ASSIGNMENT

Whereas, we, Julie GERMAIN, 47 Bower Street, Medford, MA 02155, US
Benny C. ASKEW, JR., 266 Arrowhead Road, Marshfield, MA 02050, US
David BAUER, 627 Concord Road, Sudbury, MA 017766, US
Deborah CHOQUETTE, 17 Blakely Road, Medford, MA 02155, US
Lucian V. DIPIETRO, 37 Centennial Avenue, Gloucester, MA 01930, US
Russell GRACEFFA, 2 Wingate Street, Hampton, NH 03842, US
Jean-Christophe HARMANGE, 57 William Street, Andover MA 01810, US
Qi HUANG, 12308 Willow Forest Drive, Moorpark CA 93021, US
Daniel LA., 124 Park Street, #3, Brookline, MA 02446, US
Aiwen LI, 660 Via Colinas, Westlake Village, CA 91362, US
Nobuko NISHIMURA, 24050 Arminta Street, West Hills, CA 91304, US
Rana NOMACK, Bogazici University, Ucaksavar Loj. B Blok DA:20, Etiler Istanbul 34342, TR
Vinod PATEL, 3 Mossy Lane, Acton, MA, 01720, US
Michele POTASHMAN, 213 Harvard Street, Apt. 2R, Cambridge, MA, 02139, US
Babak RIAHI, 6141 Kenwater Avenue, Woodland Hills, CA 91367, US
Thomas STORZ, 1724 Blue Canyon Street, Thousand Oaks, CA 91320, US
Simon VAN DER PLAS, 21 Shaughnessy Cres, Kanata, Ontario K2K 2P2, CA
Kevin YANG, 8871 Camino Real Avenue, San Gabriel, CA 91775, US
Chester C. YUAN, 1416 Geyser Court, Newbury Park, CA 91320, US

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

COMPOUNDS AND METHODS OF USE

which is found in:

☐ (a) the US Patent Application executed on even date herewith; [which claims the benefit of U.S. Provisional Application No. filed .]

☐ (b) the US Patent Application executed on [which claims the benefit of U.S. Provisional Application No. filed .]

☒ (c) US Application Serial No.: 11/584,151 filed on October 20, 2006 which claims the benefit of U.S. Provisional Application No. 60/729,057 filed October 21, 2005.

☐ (d) 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 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 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 unrevoked 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 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 legal representatives, we 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 will not execute any instrument in conflict herewith.

For ourselves and for our heirs, successors and legal representatives, we 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 litigation; (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___

Julie GERMAIN
(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 ________

☐ personally known to me - OR - ☐ 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.

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____

Benny C. ASKEW, JR. (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 _______________________

☐ personally known to me - OR - ☐ 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.

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 ___

David BAUER
(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 _______________________

☐ personally known to me - OR - ☐ 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.

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__

Deborah CHOQUETTE  
(Name of Inventor)  

(Signature of Inventor)

UNITED STATES OF AMERICA

State of _____________ ss: _____________ 20__

County of ________

Before me, a Notary Public for [____County], [State of _____], personally appeared ____________________

☐ personally known to me - OR - ☐ 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.

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____

Lucian V. DIPietro
(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 __________________

☐ personally known to me - OR - ☐ 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.

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____

Russell GRACEFFA  
(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 ________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

______________________________
Notary Public

My commission expires  

20____

8
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 ________ ss: _________________________

Before me, a Notary Public for [______ County], [State of ________], personally appeared ____________

☐ personally known to me - OR - ☐ 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.

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____

Qi HUANG
(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 ________

☐ personally known to me - OR - ☐ 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.

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___

______________________________
Joseph L. 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 ________________________

☐ personally known to me - OR - ☐ 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:

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____

__________________________________________
Daniel LA
(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 ____________________________

☐ personally known to me - OR - ☐ 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.

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__

Aiwen LI (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 ______________

☐ personally known to me - OR - ☐ 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.

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____

Nobuko NISHIMURA (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 __________

☐ personally known to me - OR - ☐ 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.

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___

Rana NOMACK
(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 ______________

☐ personally known to me - OR - ☐ 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.

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____

Vinod PATEL
(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 ________

☐ personally known to me - OR - ☐ 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.

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__

Michele POTASHMAN
(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 ____________________________

☐ personally known to me - OR - ☐ 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.

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__

Babak RIAHII
(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 ___________________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

Notary Public

My commission expires 20__

18
In Witness Whereof I have executed this assignment on the ______ day of ______ 20____

________________________
Thomas STORZ
(Name of Inventor)

________________________
(Signature of Inventor)

UNITED STATES OF AMERICA

State of ____________ ss: ____________

County of ____________ ss: ____________

Before me, a Notary Public for [________County], [State of ______], personally appeared ____________

☐ personally known to me - OR - ☐ 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.

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 February 2007

Simon VAN DER PLAS
(Name of Inventor)

CANADA
UNITED STATES OF AMERICA

PROVINCE OF
STATE OF
COUNTY OF
Ottawa SS:

FEBRUARY 23
2007

Before me, a Notary Public for [County of], [State of], personally appeared Simon VAN DER PLAS

☐ personally known to me - OR - ☑ 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.

WITNESS my hand and official seal.

Notary Public

My commission expires

ADAM, MILLER, KELLY
BARRISTERS & SOLICITORS
601 - 300 March Road
Kanata, ON K2K 2E2
Tel 613 592-6290
Fax 613 592-3116
In Witness Whereof I have executed this assignment on the ___ day of ___ 20__

Kevin YANG (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 __________

☐ personally known to me - OR - ☐ 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.

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____

Chester C. YUAN
(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 _________

☐ personally known to me - OR - ☐ 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.

WITNESS my hand and official seal.

______________________________
Notary Public

My commission expires ______________________ 20____