

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Langzhou Song	01/06/2011
Lynda G. Tussey	01/06/2011
Alan R. Shaw	01/07/2011
Robert S. Becker	01/05/2011
Yi Zhang	01/16/2011
Scott W. Umlauf	01/06/2011
David N. Taylor	01/05/2011
Ge Liu	01/05/2011
Mark D. Yeager	01/03/2011

RECEIVING PARTY DATA

Name:	VaxInnate Corporation
Street Address:	3 Cedar Brook Drive
City:	Cranbury
State/Country:	NEW JERSEY
Postal Code:	08512

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12905584

CORRESPONDENCE DATA

Fax Number: (978)341-0136

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

Phone: 978-341-0036

Email: katie.norris@hbsr.com

Correspondent Name: Mary K. Murray

Address Line 1: 530 Virginia Road, P.O. Box 9133

Address Line 2: Hamilton, Brook, Smith & Reynolds, P.C.

CH \$40.00 12905584

501416005

PATENT  
REEL: 025691 FRAME: 0577

Address Line 4: Concord, MASSACHUSETTS 01742-9133

ATTORNEY DOCKET NUMBER:

3710.1041-003

NAME OF SUBMITTER:

Katie Norris

Total Attachments: 18

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Joint

ASSIGNMENT

WHEREAS, we, **Langzhou Song, Lynda G. Tussey, Alan R. Shaw, Robert S. Becker, Yi Zhang, Scott W. Umlauf, David N. Taylor, Ge Liu and Mark D. Yeager**, have invented a certain improvement in **DELETION MUTANTS OF FLAGELLIN AND METHODS OF USE** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office *(use for utility (37 CFR § 1.53(b)) and design filings only)*;
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **12/905,584**, filed **October 15, 2010**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [   ], filed [   ], which designates the United States of America [and is assigned United States Application No. [   ]];
- ☐ which was patented under United States Patent No. [   ].

WHEREAS, **VaxInnate Corporation** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **3 Cedar Brook Drive, Cranbury, New Jersey 08512** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: \_\_\_\_\_

**Langzhou Song**

State/Commonwealth  
of New Jersey

County of MIDDLESEX

On this 6<sup>th</sup> day of JANUARY 2011, before me, the undersigned notary public, personally appeared **Langzhou Song**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

GERADETTE CARVELLO  
NOTARY PUBLIC - STATE OF NEW JERSEY  
MY COMMISSION EXPIRES:  
OCTOBER 24, 2012

Notary Public

Gerardette Carvello  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

Lynda G. Tussey

State/Commonwealth

of New JerseyCounty of MiddlesexOn this 6th day of January, 2011, before me, the undersigned notary public, personally appeared **Lynda G. Tussey**,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

GERADETTE CARVELLO  
NOTARY PUBLIC - STATE OF NEW JERSEY  
MY COMMISSION EXPIRES:  
OCTOBER 24, 2012Notary Public Geradette Carvello

(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

Alan R. Shaw

State/Commonwealth

of New JerseyCounty of MiddlesexOn this 14th day of January, 2011, before me, the undersigned notary public, personally appeared **Alan R. Shaw**,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was


to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

GERADETTE CARVELLO  
NOTARY PUBLIC - STATE OF NEW JERSEY  
MY COMMISSION EXPIRES:  
OCTOBER 24, 2012Notary Public Geradette Carvello

(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature:   
**Robert S. Becker**

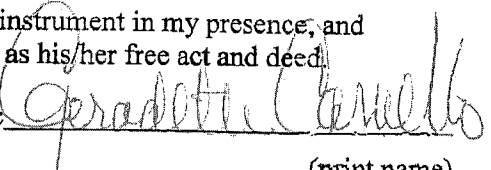
State/Commonwealth  
of NEW JERSEY  
County of MIDDLESEX

On this 5th day of JANUARY 2011, before me, the undersigned notary public, personally appeared **Robert S. Becker**,

- ☒ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) **GERADETTE CARVELLO**  
NOTARY PUBLIC - STATE OF NEW JERSEY  
MY COMMISSION EXPIRES:  
OCTOBER 24, 2012

Notary Public   
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_  
**Yi Zhang**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Yi Zhang**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Scott W. Umlauf**

State/Commonwealth

of New JerseyCounty of MiddlesexOn this 6th day of January, 2011, before me, the undersigned notary public, personally appeared **Scott W. Umlauf**,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

GERADETTE CARVELLO  
NOTARY PUBLIC - STATE OF NEW JERSEY  
MY COMMISSION EXPIRES:  
OCTOBER 24, 2012

Notary Public

(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**David N. Taylor**

State/Commonwealth

of New JerseyCounty of MiddlesexOn this 5th day of January, 2011, before me, the undersigned notary public, personally appeared **David N. Taylor**,☒ personally known to me, or☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

GERADETTE CARVELLO  
NOTARY PUBLIC - STATE OF NEW JERSEY  
MY COMMISSION EXPIRES:  
OCTOBER 24, 2012

Notary Public

(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

Ge Liu

State/Commonwealth

of New Jersey

County of Middlesex

On this 5th day of January 2011, before me, the undersigned notary public, personally appeared **Ge Liu**,

☒ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

GERADETTE CARVELLO  
NOTARY PUBLIC - STATE OF NEW JERSEY  
MY COMMISSION EXPIRES:  
OCTOBER 24, 2012

Notary Public Geradette Carvello

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

Mark D. Yeager

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Mark D. Yeager**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public \_\_\_\_\_

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_



JointASSIGNMENT

WHEREAS, we, **Langzhou Song, Lynda G. Tussey, Alan R. Shaw, Robert S. Becker, Yi Zhang, Scott W. Umlauf, David N. Taylor, Ge Liu and Mark D. Yeager**, have invented a certain improvement in **DELETION MUTANTS OF FLAGELLIN AND METHODS OF USE** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office *(use for utility (37 CFR § 1.53(b)) and design filings only)*;
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **12/905,584**, filed **October 15, 2010**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [   ], filed [   ], which designates the United States of America [and is assigned United States Application No. [   ]];
- ☐ which was patented under United States Patent No. [   ].

WHEREAS, **VaxInnate Corporation** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **3 Cedar Brook Drive, Cranbury, New Jersey 08512** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: \_\_\_\_\_

**Langzhou Song**

State/Commonwealth \_\_\_\_\_

of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Langzhou Song**,

☐

personally known to me, or

☐

proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public \_\_\_\_\_

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_  
**Lynda G. Tussey**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Lynda G. Tussey**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

\_\_\_\_\_ to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_  
**Alan R. Shaw**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Alan R. Shaw**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

\_\_\_\_\_ to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Robert S. Becker**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Robert S. Becker**,

- ☐ personally known to me, or
- ☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public \_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Yi Zhang**

State/Commonwealth  
of New Jersey  
County of Middlesex

On this 16<sup>th</sup> day of JANUARY 2011, before me, the undersigned notary public, personally appeared **Yi Zhang**,

- ☒ personally known to me, or
- ☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public Geradette Carvello  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

GERADETTE CARVELLO  
NOTARY PUBLIC - STATE OF NEW JERSEY  
MY COMMISSION EXPIRES:  
OCTOBER 24, 2012

Inventor's Signature: \_\_\_\_\_  
**Scott W. Umlauf**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary  
public, personally appeared **Scott W. Umlauf**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

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acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_  
**David N. Taylor**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary  
public, personally appeared **David N. Taylor**,

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(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Ge Liu**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary  
public, personally appeared **Ge Liu**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

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acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public \_\_\_\_\_

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Mark D. Yeager**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary  
public, personally appeared **Mark D. Yeager**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

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(SEAL)

Notary Public \_\_\_\_\_

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

JointASSIGNMENT

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IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

---

Inventor's Signature: \_\_\_\_\_  
**Langzhou Song**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Langzhou Song**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

---

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

---



Inventor's Signature: \_\_\_\_\_

**Lynda G. Tussey**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Lynda G. Tussey**,

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(SEAL)

Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Alan R. Shaw**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

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(SEAL)

Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_  
**Robert S. Becker**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

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public, personally appeared **Robert S. Becker**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and  
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_  
**Yi Zhang**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary  
public, personally appeared **Yi Zhang**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and  
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Scott W. Umlauf**

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Scott W. Umlauf**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

\_\_\_\_\_ to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public \_\_\_\_\_

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**David N. Taylor**

State/Commonwealth

of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_, before me, the undersigned notary public, personally appeared **David N. Taylor**,

☐ personally known to me, or

☐ proved to me through satisfactory evidence of identification, which was

\_\_\_\_\_ to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public \_\_\_\_\_

\_\_\_\_\_  
(print name)

My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Ge Liu**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary public, personally appeared **Ge Liu**,

- ☐ personally known to me, or  
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public \_\_\_\_\_  
\_\_\_\_\_  
(print name)  
My Commission expires \_\_\_\_/\_\_\_\_/\_\_\_\_

Inventor's Signature: \_\_\_\_\_

**Mark D. Yeager**

State/Commonwealth  
of \_\_\_\_\_  
County of \_\_\_\_\_

On this 3<sup>rd</sup> day of January, 2011, before me, the undersigned notary public, personally appeared **Mark D. Yeager**,

- ☐ personally known to me, or  
☒ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) **CHRISTINA M GIORDANO**  
Notary Public  
State of New Jersey  
My Commission Expires Jun 8, 2014

Notary Public Christina M Giordano  
Christina M Giordano (print name)  
My Commission expires Jun 8 / 2014