

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5151944

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRIAN PHILIP STUPI	01/04/2013
HONG LI	01/04/2013
WEIDONG WU	01/04/2013
MEGAN N. HERSH	01/02/2013
SIDNEY E. MORRIS	01/18/2013
MICHAEL L. METZKER	01/02/2013
DAVID HERTZOG	06/09/2014
RECEIVING PARTY DATA	
Name:	LASERGEN, INC.
Street Address:	8052 EL RIO STREET
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77054
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	14504093
Application Number:	15188283
Application Number:	15602400
Application Number:	16020190
CORRESPONDENCE DATA	
Fax Number:	(512)334-2999
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	5123342900
Email:	rortiz@phiplaw.com
Correspondent Name:	PARKER HIGHLANDER PLLC
Address Line 1:	1120 S. CAPITAL OF TEXAS HIGHWAY
Address Line 2:	BUILDING ONE, SUITE 200
Address Line 4:	AUSTIN, TEXAS 78746
ATTORNEY DOCKET NUMBER:	LSGN.P0007US.D1, C1-3

PATENT

NAME OF SUBMITTER:	MARK H. VOGES
SIGNATURE:	/Mark H. Voges/
DATE SIGNED:	09/21/2018
Total Attachments: 10 source=LSGN007US_Assignments#page1.tif source=LSGN007US_Assignments#page2.tif source=LSGN007US_Assignments#page3.tif source=LSGN007US_Assignments#page4.tif source=LSGN007US_Assignments#page5.tif source=LSGN007US_Assignments#page6.tif source=LSGN007US_Assignments#page7.tif source=LSGN007US_Assignments#page8.tif source=LSGN007US_Assignments#page9.tif source=LSGN007US_Assignments#page10.tif	

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to LASERGEN, INC. (the "Assignee"), having a place of business at 8052 El Rio Street, Houston, TX 77054, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 13/615,284, which has been filed on September 13, 2012 and is entitled "3'-OH UNBLOCKED, FAST PHOTOCLEAVABLE TERMINATING NUCLEOTIDES AND METHODS FOR NUCLEIC ACID SEQUENCING," which claims priority to U.S. Provisional Application No. 61/627,211, filed on October 7, 2011 and U.S. Provisional Application No. 61/534,347, filed September 13, 2011 such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.

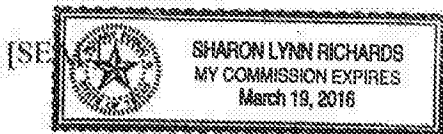
Signature: Brian Philip STUPI
Name: Brian Philip STUPI

Date: 01/04/2013

STATE OF Texas
COUNTY OF Harris

BEFORE ME, the undersigned authority, on this 4th day of January, 2013 personally appeared Brian Philip STUPI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Sharon Lynn Richards
Notary or Consular Officer



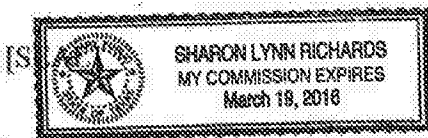
Signature: Hong LI
Name: Hong LI

Date: 01/04/2013

STATE OF Texas
COUNTY OF Harris

BEFORE ME, the undersigned authority, on this 4th day of January, 2013 personally appeared Hong LI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Sharon Lynn Richards
Notary or Consular Officer

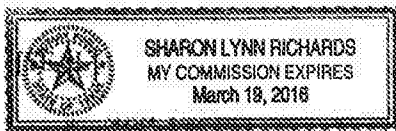


Signature: Weidong Wu
Name: Weidong WU

Date: 1/04/2013

STATE OF Texas
COUNTY OF Harris

BEFORE ME, the undersigned authority, on this 4th day of January, 2013, personally appeared Weidong WU, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



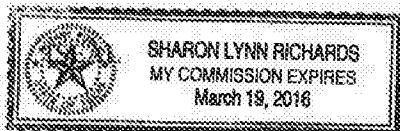
Sharon Lynn Richards
Notary or Consular Officer

Signature: M N Hersh
Name: Megan N. HERSH

Date: 2 Jan 2013

STATE OF TX
COUNTY OF HARRIS

BEFORE ME, the undersigned authority, on this 2nd day of January, 2013, personally appeared Megan N. HERSH, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



Sharon Lynn Richards
Notary or Consular Officer

{00013503}

3

USSN 13/615,284

Signature: _____
Name: Sidney E. MORRIS

Date: _____

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2012 personally appeared Sidney E. MORRIS, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: Michael L. Metzker
Name: Michael L. METZKER

Date: 1/2/13

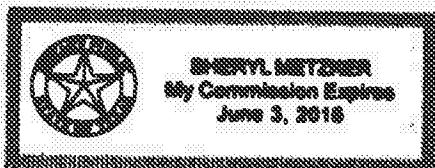
STATE OF Texas
COUNTY OF Harris

BEFORE ME, the undersigned authority, on this 2nd day of January, 2012³ personally appeared Michael L. METZKER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Sheryl Metzker

Notary or Consular Officer

[SEAL]



Parker Highlander PLLC
1120 S. Capital of Texas Hwy.
Building One, Suite 200
Austin, TX 78746

{00013503}

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USSN 13/615,284

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to LASERGEN, INC. (the "Assignee"), having a place of business at 8052 El Rio Street, Houston, TX 77054, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. **13/615,284**, which has been filed on **September 13, 2012** and is entitled **"3'-OH UNBLOCKED, FAST PHOTOCLEAVABLE TERMINATING NUCLEOTIDES AND METHODS FOR NUCLEIC ACID SEQUENCING,"** which claims priority to U.S. Provisional Application No. 61/627,211, filed on October 7, 2011 and U.S. Provisional Application No. 61/534,347, filed September 13, 2011 such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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Signature: _____ Date: _____
Name: Brian Philip STUPI

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2012 personally appeared Brian Philip STUPI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: _____ Date: _____
Name: Hong LI

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2012 personally appeared Hong LI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: _____
Name: Weidong WU

Date: _____

STATE OF _____
COUNTY OF _____

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Notary or Consular Officer

[SEAL]

Signature: _____
Name: Megan N. HERSH

Date: _____

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2012 personally appeared Megan N. HERSH, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: *Sidney E. Morris*
Name: Sidney E. MORRIS

Date: 1/18/13

STATE OF Texas.
COUNTY OF HARDW

BEFORE ME, the undersigned authority, on this 18th day of January, 2013, personally appeared Sidney E. MORRIS, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



Sharon Lynn Richards
Notary or Consular Officer

Signature: _____
Name: Michael L. METZKER

Date: _____

STATE OF _____
COUNTY OF _____

BEFORE ME, the undersigned authority, on this ____ day of _____, 2012 personally appeared Michael L. METZKER, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Parker Highlander PLLC
1120 S. Capital of Texas Hwy.
Building One, Suite 200
Austin, TX 78746

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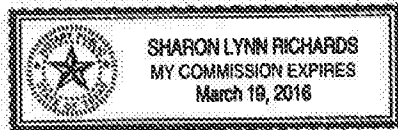
Signature: [Signature]
Name: David HERTZOG

Date: 6/9/2014

STATE OF Texas
COUNTY OF Harris

BEFORE ME, the undersigned authority, on this 9th day of June, 2014 personally appeared David HERTZOG, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[SEAL]



[Signature: Sharon Lynn Richards]
Notary or Consular Officer

PARKER HIGHLANDER PLLC
1120 S. Capital of Texas Hwy.
Building One, Suite 200
Austin, TX 78746