## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JOACHIM STEHR	10/10/2014
FEDERICO BUERSGENS	10/10/2014
LARS ULLERICH	10/10/2014

#### **RECEIVING PARTY DATA**

Name:	GNA BIOSOLUTIONS GMBH
Street Address:	AM KLOPFERSPITZ 19
City:	PLANEGG
State/Country:	GERMANY
Postal Code:	82152

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14385428

#### CORRESPONDENCE DATA

Fax Number: (267)430-7015

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.

Phone: 6106407855

Email: hillct@pepperlaw.com MARK DELUCA, ESQ. **Correspondent Name:** Address Line 1: 899 CASSATT ROAD Address Line 2: PEPPER HAMILTON LLP

Address Line 4: BERWYN, PENNSYLVANIA 19312

ATTORNEY DOCKET NUMBER:	142454.00101	
NAME OF SUBMITTER:	CATHERINE HILL	
SIGNATURE:	/Cathy1/	
DATE SIGNED:	10/17/2014	

#### **Total Attachments: 5**

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PATENT

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#### ASSIGNMENT

WHEREAS, we, Joachim Stehr, residing at Hechendorfer Str. 12, 81477 Munich, Germany; Federico Buersgens, residing at Adlzreiterstr. 31, 80337 Munich, Germany; and Lars Ullerich, residing at Gabelsbergerstr. 48a, 80333 Munich, Germany, hereinafter referred to as the ASSIGNORS, have invented a certain invention entitled "METHOD AND KIT FOR THE DETECTION OF NUCLEIC ACIDS," for which we have made an application for Letters Patent of the United States, said application being a U.S. National Stage Application of PCT application number PCT/EP2013/055250 and having been assigned Application Serial No. 14/385,428, filed September 15, 2014.

WHEREAS, **GNA BIOSOLUTIONS GMBH**, hereinafter referred to as the ASSIGNEE, of **Am Klopferspitz 19, 82152, Planegg, Germany**, a corporation of the **Federal Republic of Germany**, is desirous of acquiring our entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said ASSIGNEE, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, intending to be legally bound, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said ASSIGNEE, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may

1

PATENT REEL: 033975 FRAME: 0230

PATENT APPLICATION
Joint Inventors – Witness Statement

Docket No. 142454.00101

be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this ASSIGNMENT, sale and transfer not been made.

AND we hereby covenant that we have full right to convey our entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said ASSIGNEE or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as assignee of our entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this ASSIGNMENT.

AND this ASSIGNMENT may be executed in multiple counterparts, each of which shall be deemed to be an original of this ASSIGNMENT. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this ASSIGNMENT.

2

PATENT REEL: 033975 FRAME: 0231

#### Docket No. 142454.00101

## PATENT APPLICATION Joint Inventors – Witness Statement

AND if the invention requires a biological deposit, ASSIGNORS also grant to ASSIGNEE such control over any deposit made by ASSIGNORS as may be necessary to the validity of the patent rights assigned herein.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Dated: _October 10 <sup>th</sup> _, 2014	chim Stehr
STATEMENT OF WITNESS	
SIGNED atMartinsried, Germany (City)	(Country)
This10 <sup>th</sup> day of _October, 2	014.
I,Matthias Graessel	, whose full residence address is
Matthias Graessel, Untere Weidenstrasse 26, 87	1543 Munich, Germany, was
personally present and did see <b>Joachim Stehr</b> ex	4, and such ASSIGNOR is personally known to
$\underline{\mathcal{G}}$	7. 5.81
Signature of	f Witness

Docket	No.	142454.00101

## PATENT APPLICATION

	Joint Inventors - Witness Statemen
Dated: _October 10 <sup>th</sup> _, 2014	F. Rung Federico Buersgens
STATEMENT OF WITNESS	
SIGNED atMartinsried, Germa	ny
(City)	(Country)
This10 <sup>th</sup> day of _October	, 2014.
I,Matthias Graessel	, whose full residence address is
Matthias Graessel, Untere Weidenstrass	se 26, 81543 Munich, Germany, was
personally present and did see <b>Federico</b> 10 <sup>th</sup> day ofOctober_ known to me to be the person described	Buersgens execute the above ASSIGNMENT on the , 2014, and such ASSIGNOR is personally in such document.
Sic	mature of Witness

### Docket No. 142454.00101

# PATENT APPLICATION Joint Inventors – Witness Statement

Dated: October 10 <sup>th</sup> _, 2014	sellen
200	ars Ullerich
STATEMENT OF WITNESS	
SIGNED atMartinsried, Germany (City)	(Country)
This10 <sup>th</sup> day of _October,	2014.
I,Matthias Graessel	, whose full residence address is
Matthias Graessel, Untere Weidenstrasse 26,	81543 Munich, Germany, was
personally present and did see <b>Lars Ullerich</b> e day ofOctober, 20 me to be the person described in such documer	xecute the above ASSIGNMENT on the10 <sup>th</sup> 14, and such ASSIGNOR is personally known to at.
	D. fra, Sel
Signature	of Witness