

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven T. BRENTANO</td> <td>09/25/2009</td> </tr> <tr> <td>Dmitry LYAKHOV</td> <td>08/26/2009</td> </tr> <tr> <td>Norman C. NELSON</td> <td>09/09/2009</td> </tr> <tr> <td>James D. CARLSON</td> <td>09/22/2009</td> </tr> <tr> <td>Michael M. BECKER</td> <td>08/26/2009</td> </tr> <tr> <td>Lyle J. ARNOLD Jr.</td> <td>09/04/2009</td> </tr> </tbody> </table>		Name	Execution Date	Steven T. BRENTANO	09/25/2009	Dmitry LYAKHOV	08/26/2009	Norman C. NELSON	09/09/2009	James D. CARLSON	09/22/2009	Michael M. BECKER	08/26/2009	Lyle J. ARNOLD Jr.	09/04/2009
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<table border="1"> <tr> <td>Name:</td> <td>Gen-Probe Incorporated</td> </tr> <tr> <td>Street Address:</td> <td>10210 Genetic Center Drive</td> </tr> <tr> <td>City:</td> <td>San Diego</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92121</td> </tr> </table>		Name:	Gen-Probe Incorporated	Street Address:	10210 Genetic Center Drive	City:	San Diego	State/Country:	CALIFORNIA	Postal Code:	92121				
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CORRESPONDENCE DATA															
Fax Number:	8584108928														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(858) 410-8369														
Email:	PatentDept@gen-probe.com														
Correspondent Name:	Jeffrey E. Landes														
Address Line 1:	Gen-Probe Incorporated														
Address Line 2:	10210 Genetic Center Drive														
Address Line 4:	San Diego, CALIFORNIA 92121														
ATTORNEY DOCKET NUMBER:	GP237-02.UT														

NAME OF SUBMITTER:	Jeffrey E. Landes
Signature:	/Jeff Landes/
Date:	06/17/2013
Total Attachments: 4 source=Parent_Assignment#page1.tif source=Parent_Assignment#page2.tif source=Parent_Assignment#page3.tif source=Parent_Assignment#page4.tif	

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby acknowledged, We,

Steven T. Brentano	Of	Santee, California,	(hereinafter "ASSIGNOR"),
Dmitry Lyakhov	Of	San Diego, California	(hereinafter "ASSIGNOR")
Norman C. Nelson	Of	San Diego, California	(hereinafter "ASSIGNOR")
James D. Carlson	Of	San Diego, California	(hereinafter "ASSIGNOR")
Lyle J. Arnold, Jr.	Of	Poway, California	(hereinafter "ASSIGNOR")
Michael M. Becker	Of	San Diego, California	(hereinafter "ASSIGNOR")

do hereby sell, assign and transfer unto **Gen-Probe Incorporated**, a corporation duly organized and existing under the laws of the State of Delaware and having its principal office and place of business at **10210 Genetic Center Drive, San Diego, California 92121**, and its successors, assigns and legal representatives (hereinafter collectively "ASSIGNEE"), the entire right, title and interest throughout the world in and to those inventions and improvements which are the subject of a United States patent application entitled "**METHODS AND COMPOSITIONS FOR NUCLEIC ACID AMPLIFICATION**", filed on **July 1, 2009**, as **U.S. Provisional Application Serial No. 61/222,150**, (hereinafter "said application") and to said application and to any and all applications claiming priority thereto, including non-provisional, continuation, divisional, continuation-in-part, reissue and substitute patent applications thereof, and all rights of priority under International Conventions and applications for Letters Patent filed for said inventions and improvements in any country or countries foreign to the United States, together with all Letters Patent issuing on any of the aforesaid applications for Letters Patent and all extensions and renewals thereof.

AND ASSIGNOR(S) HEREBY AUTHORIZES ASSIGNEE to make applications in all countries in the names of the ASSIGNOR or in the name of the ASSIGNEE for Letters Patent and like rights of exclusion and for inventor's certificates for said inventions and improvements.

AND ASSIGNOR(S) HEREBY COVENANTS AND AGREES to communicate to ASSIGNEE all facts known to ASSIGNOR concerning said inventions and improvements, and to testify in any legal proceeding, sign all lawful papers, execute all non-provisional, continuation, division, continuation-in-part, reissue, substitute, international and foreign patent applications, make all rightful oaths, and to perform any other reasonable and lawful act to assist ASSIGNEE in obtaining full protection and title in and to said inventions and improvements in all countries.

AND ASSIGNOR(S) HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue all Letters Patent of the United States for said inventions and improvements to ASSIGNEE in accordance with the terms of this instrument.

IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, California,
this 25th day of September, 2009.

By: Steven T. Brentano
Steven T. Brentano

State of California

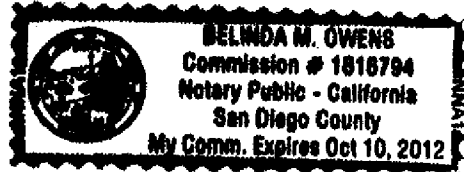
County of San Diego

On 25 SEPT 2009, before me, Belinda M. Owens,
personally appeared **Steven T. Brentano**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Belinda M. Owens
Signature of Notary Public (Notary Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, California,
this 26 day of August, 2009.

By: Dmitry Lyakhov
Dmitry Lyakhov

State of California

County of San Diego

On 26 Aug 2009, before me, Belinda M. Owens,
personally appeared **Dmitry Lyakhov**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Belinda M. Owens
Signature of Notary Public (Notary Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, California,
this 9th day of September, 2009.

By: Norman C. Nelson
Norman C. Nelson

State of California

County of San Diego

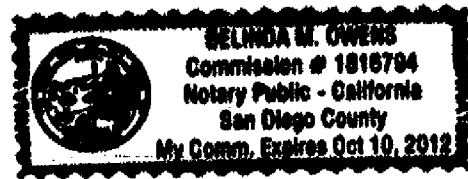
On 9 SEPT 2009, before me, Belinda M. Owens,

personally appeared **Norman C. Nelson**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Belinda M. Owens
Signature of Notary Public (Notary Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, California,
this 22 day of September, 2009.

By: James D. Carlson
James D. Carlson

State of California

County of San Diego

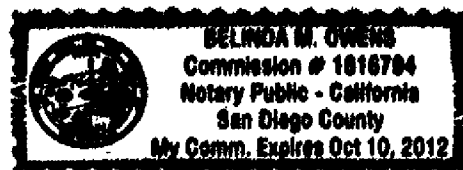
On 22 SEPT 2009, before me, Belinda M. Owens,

personally appeared **James D. Carlson**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Belinda M. Owens
Signature of Notary Public (Notary Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, California,
this 4th day of Sept., 2009.

By: *Lyle J. Arnold, Jr.*
Lyle J. Arnold, Jr.

State of California

County of San Diego

On 4 SEPT 2009, before me, Belinda M. Owens,
personally appeared Lyle J. Arnold, Jr., who proved to me on the basis of satisfactory evidence to be the person(s)
whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the
same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s),
or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true
and correct.

WITNESS my hand and official seal.

Belinda M. Owens
Signature of Notary Public (Notary Seal)



IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, California,
this 26 day of August, 2009.

By: *Michael M. Becker*
Michael M. Becker

State of California

County of San Diego

On 26 Aug 2009, before me, Belinda M. Owens,
personally appeared Michael M. Becker, who proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument
the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true
and correct.

WITNESS my hand and official seal.

Belinda M. Owens
Signature of Notary Public (Notary Seal)

