08/21/2017 504511865

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JENNIFER J. BUNGO	12/19/2006
JAMES J. HOGAN	12/18/2006
REINHOLD B. POLLNER	12/19/2006
MARIE K. HUDSPETH	12/19/2006
SHANNON K. KAPLAN	12/19/2006
ELIZABETH M. MARLOWE	11/29/2006

RECEIVING PARTY DATA

Name:	GEN-PROBE INCORPORATED	
Street Address:	10210 GENETIC CENTER DRIVE	
Internal Address:	MAIL STOP #1 / PATENT DEPT.	
City:	SAN DIEGO	
State/Country:	CALIFORNIA	
Postal Code:	92121	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14075944

CORRESPONDENCE DATA

Fax Number: (858)410-8928

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: (858)410-8000

Email: patentdept@hologic.com

GEN-PROBE INCORPORATED Correspondent Name: 10210 GENETIC CENTER DRIVE Address Line 1: Address Line 2: MAIL STOP #1 / PATENT DEPT. Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	GP190-05.CN1	
NAME OF SUBMITTER:	JEFFREY E. LANDES	
SIGNATURE:	/Jeffrey E. Landes/	
DATE SIGNED:	08/21/2017	

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Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif

PATENT REEL: 043344 FRAME: 0600

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which is hereby acknowledged, we, Jennifer J. Bungo of San Diego, California; James J. Hogan of Coronado, California; Reinhold B. Pollner of San Diego, California; Marie K. Hudspeth of San Diego, California; Shannon K. Kaplan of San Diego, California; and Elizabeth M. Marlowe of Encino, California (hereinafter collectively "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 utility patent application entitled "COMPOSITIONS AND METHODS TO DETECT LEGIONELLA PNEUMOPHILA NUCLEIC ACID "filed on October 17, 2006, as U.S. Application Serial No. 11/582,770 (hereinafter "said application"), and to said application and to any and all regular, 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 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 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 regular, continuation, divisional, continuation-in-part and reissue 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 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.

PATENT REEL: 043344 FRAME: 0601

IN WITNESS WHEREOF, I hereto set my hand and seal at <u>San Diego, California</u> ,
this 19 day of December, 2006.
1 100
By: Simila 1
Jennifer J. Bungo
State of <u>California</u> :
SS.
County of San Diego:
Before me this <u>19</u> day of <u>Deltm Rev</u> , 2006, personally appeared Jennifer J .
Bungo personally known to me (or proved on the basis of satisfactory evidence) to be the
person whose name is subscribed to the foregoing Assignment and acknowledged to me that he
executed the same as his free act and deed for the purposes thereigh contained.
KELLEY ON
KELLEE CLINTON Commission # 1701942 Notary Public Notary Public
San Diego County MyComm. Exples Oct 30, 2010
IN WITNESS WHEREOF, I hereto set my hand and seal at <u>San Diego, California</u> ,
this 18th day of December, 2006.
, 2000.
By: Jan J Hen
By: James Hogan
James J. Hogan
State of <u>California</u> :
State of <u>California</u> : ss.
State of <u>California</u> :
State of California : ss. County of San Diego :
State of California : ss. County of San Diego : Before me this 18 day of DECEMBER , 2006, personally appeared James J.
State of California : Ss. County of San Diego : Before me this 18 day of DECEMBER , 2006, personally appeared James J. Hogan personally known to me (or proved on the basis of satisfactory evidence) to be the
State of California : ss. County of San Diego : Before me this 18 day of DECEMBER , 2006, personally appeared James J. Hogan personally known to me (or proved on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged to me that he
State of California : Ss. County of San Diego : Before me this 18 day of DECEMBER , 2006, personally appeared James J. Hogan personally known to me (or proved on the basis of satisfactory evidence) to be the
State of California : ss. County of San Diego : Before me this 18 day of DECEMBER , 2006, personally appeared James J. Hogan personally known to me (or proved on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged to me that he
State of California : ss. County of San Diego : Before me this 18 day of DECEMBER , 2006, personally appeared James J. Hogan personally known to me (or proved on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged to me that he
State of California : ss. County of San Diego : Before me this 18 day of DECEMBER , 2006, personally appeared James J. Hogan personally known to me (or proved on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged to me that he
State of California : SS. County of San Diego : Before me this // day of DECEMBER , 2006, personally appeared James J. Hogan personally known to me (or proved on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged to me that he executed the same as his free act and deed for the purposes therein contained. Notary Public
State of California ss. County of San Diego: Before me this // day of DECEMBER, 2006, personally appeared James J. Hogan personally known to me (or proved on the basis of satisfactory evidence) to be the person whose name is subscribed to the foregoing Assignment and acknowledged to me that he executed the same as his free act and deed for the purposes therein contained. Notary Public

Page 2 of 4

IN WITNESS WHEREOF, I hereto set my hand and seal at <u>San Diego, California</u> , this <u>19</u> day of <u>DECEMBER</u> , 2006.
By: Reinhold B. Pollur Reinhold B. Pollur
State of <u>California</u> :
SS.
County of San Diego :
Before me this 19 day of <u>DECEMBER</u> , 2006, personally appeared Reinhold
B. Pollner personally known to me (or proved on the basis of satisfactory evidence) to be the
person whose name is subscribed to the foregoing Assignment and acknowledged to me that he
executed the same as his free act and deed for the purposes therein contained.
KELLEE CLINTON Commission # 1701942 Notary Public - California San Diego County My Comm. Exples Oct 30, 2010
IN WITNESS WHEREOF, I hereto set my hand and seal at <u>San Diego, California</u> , this <u>/9/h</u> day of <u>December</u> , 2006.
By: Marie K. Hudspeth
State of <u>California</u> :
ss.
County of San Diego :
Before me this day of
executed the same as his free act and deed for the purposes therein contained.
Kill at
KELLEE CLINTON Commission # 1701942 Notary Public - California San Diego County MyComm. Explose Oct 30, 2010

Page 3 of 4

IN WITNESS WHEREOF, I hereto set my hand and seal at <u>San Diego, California</u> ,
this 19 day of December, 2006.
By: Iranon K. Kaplan
Shaillon K. Kapiair
State of <u>California</u> :
Ss. County of San Diego
•
Before me this <u>/1</u> day of <u>Duckmbur</u> , 2006, personally appeared Shannon
K. Kaplan personally known to me (or proved on the basis of satisfactory evidence) to be the
person whose name is subscribed to the foregoing Assignment and acknowledged to me that he
executed the same as his free act and deed for the purposes therein contained.
/ / / /
KELLEE CLINTON Commission # 1701942
Notary Public - California Notary Public Notary Public
My Comm. Exples Oct 30, 2010
-4
IN WITNESS WHEREOF, I hereto set my hand and seal at to vanu, California,
this 29 day of NoV , 2006.
•
By: B. Marlowl "129/06" Elizabeth M. Marlowe
Elizabeth M. Marlowe
State of California :
ss.
County of Los Angelos
Before me this <u>39</u> day of <u>No V</u> , 2006, personally appeared Elizabeth
M. Marlowe personally known to me (or proved on the basis of satisfactory evidence) to be the
person whose name is subscribed to the foregoing Assignment and acknowledged to me that he
executed the same as his free act and deed for the purposes therein contained.
Jan Dary Jon
GAGIK KARAGEZIAN NOTON Public
Commission # 1466706 Notary Public - California
Los Angeles County My Comm. Expires Jan 30, 2008

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RECORDED: 08/21/2017