501919444 05/14/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert E. HEINZ	03/22/2012
Dennis NEWELL	04/18/2012
David OPALSKY	04/26/2012
Jason RHUBOTTOM	04/18/2012

RECEIVING PARTY DATA

Name:	GEN-PROBE INCORPORATED
Street Address:	10210 GENETIC CENTER DRIVE
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13404437

CORRESPONDENCE DATA

Fax Number: (202)783-6031 202-783-6040 Phone: Email: mlucier@rfem.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Rothwell, Figg, Ernst & Manbeck PC

Address Line 1: 607 14th Street Address Line 2: Suite 800

Washington, DISTRICT OF COLUMBIA 20005 Address Line 4:

ATTORNEY DOCKET NUMBER:	2599-226
NAME OF SUBMITTER:	Richard Wydeven

REEL: 028202 FRAME: 0336

PATENT

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PATENT REEL: 028202 FRAME: 0337

IN CONSIDERATION for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S))

by

Name: GEN-PROBE INCORPORATED

Address: 10210 Genetic Center Drive, San Diego, CA 92121

(hereinafter ASSIGNEE), the receipt and adequacy of which of which is hereby acknowledged, ASSIGNOR(s) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled Systems and Methods for Distinguishing Optical Signals of Different Modulation Frequencies in an Optical Signal Detector for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application was executed on even date herewith or is identified as follows

U.S. Serial No. 13/404,437 Filing Date: February 24, 2012

(Rothwell, Figg, Ernst & Manbeck is hereby authorized to insert the series code, serial or application number and/or filing date hereon, when known)

including United States Provisional Application Serial No.61/446,280 (filed 02/24/2011), from which said application claims priority, and all Letters Patent of the United States to be obtained on said application or any continuation, division, reissue, reexamination or extension thereof and all rights connected therewith, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention, for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE=S choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR(S) has/have affixed his/her signature below.

Signature:/ Ty	ped Name: Robert E. HEINZ	Date: March 22, 2012
Signature: Ty	ped Name: <i>Dennis NEWELL</i>	Date:
Signature:	rped Name: David OPALSKY	Date:
Signature:	ped Name: Jason RHUBOTTOM	Date;

WITNESSES: (optional)		
Signature:	Date:	
Typed Name:		
Signature:	Date:	
Typed Name:		
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NO LEGALIZATION REQUIRED. THIS DOCUMENT MAY BE NOTARIZED IF DESIRED FOR FURTHER PROOF OF EXECUTION.

IN CONSIDERATION for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S))

by

Name: GEN-PROBE INCORPORATED

Address: 10210 Genetic Center Drive, San Diego, CA 92121

(hereinafter ASSIGNEE), the receipt and adequacy of which of which is hereby acknowledged, ASSIGNOR(s) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled Systems and Methods for Distinguishing Optical Signals of Different Modulation Frequencies in an Optical Signal Detector for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application was executed on even date herewith or is identified as follows

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IN WITNESS WHEREOF, ASSIGNOR(S) has/have affixed his/her signature below.

Signature:		Date:	
-	Typed Name: Robert E. HEINZ	4/18/2012	
Signature:	Typed Name: Dennis NEWELL	Date:	
Signature:	Typed Name: David OPALSKY	Date:	
Signature:	Typed Name: Jason RHUBOTTOM	Date:	_

at .	—	
Signature:	Date:	
Typed Name;		
Signature:	Date:	
Typed Name:		

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Signature:	Typed Name: Robert E. HEINZ	Date:	
Signature:	Typed Name: Dennis NEWELL	Date:	
Signature:	Typed Name: David OPALSKY	Date: 4/2-6/2-01)_	
Signature:	Typed Name: Jason RHUBOTTOM	Date:	

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Signature:	Date:
Typed Name:	
Signature:	Date:
Typed Name:	

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Signature:	Typed Name: Robert E. HEINZ	Date:
Signature:	Typed Name: Dennis NEWELL	Date:
Signature:	Typed Name: David OPALSKY	Date:
Signature:	Jason Mulotton Typed Name: Jason RHUBOTTOM	Date: April 18, 2012

Signature:	Date:
Typed Name:	
Signature:	Date:
Typed Name:	

1967003

Assignment by Inventors for All Countries - Page 2 of 2