502970738 09/10/2014

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| JAMES M. CARRICK | 10/22/2009 |

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: | 13203715 |

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@gen-probe.com

Correspondent Name: JEFFREY E. LANDES

Address Line 1:GEN-PROBE INCORPORATEDAddress Line 2:10210 GENETIC CENTER DRIVEAddress Line 4:SAN DIEGO, CALIFORNIA 92121

| ATTORNEY DOCKET NUMBER: | GP234-02.UT |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | JEFFREY E. LANDES |
| SIGNATURE: | /Jeffrey E. Landes/ |
| DATE SIGNED: | 09/10/2014 |

Total Attachments: 2

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PATENT 502970738 REEL: 033714 FRAME: 0319

Atty. Docket No.: GP234-01.PR

ASSIGNMENT

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

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| | l∩f⊟ | San Diego, California | (hereinafter "ASSIGNOR"), |
| i jamas kii i arrick | 1 1 HT | i San ilibano California | I Dereinamer ASSILSIVI IR I |
| James M. Carrick | | i Gan Dicao. Ganiornia | |
| | | | |

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 "ASSAY FOR DETECTION OF HUMAN PARVOVIRUS NUCLEIC ACID," filed on February 26, 2009, as U.S. Provisional Application Serial No. 61/155,685, (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.

REEL: 033714 FRAME: 0320

REEL: 033714 FRAME: 0321