502852755 06/16/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS SPENCER MILLAR	06/06/2014

RECEIVING PARTY DATA

Name:	HUMAN GENETIC SIGNATURES PTY. LTD.
Street Address:	VIROLOGY RESEARCH LABORATORY, LEVEL 3
Internal Address:	CLINICAL SCIENCE BUILDING, PRINCE OF WALES HOSPITAL
City:	RANDWICK, NSW 2031
State/Country:	AUSTRALIA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14342093

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	ALAR45.002APC
NAME OF SUBMITTER:	NEIL BARTFELD
SIGNATURE:	/Neil S. Bartfeld/
DATE SIGNED:	06/16/2014

Total Attachments: 2

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PATENT 502852755 REEL: 033108 FRAME: 0658

Application No.: 14/342093 Docket Number: ALAR45.002APC Filing Date: February 28, 2014 Page 1 of 2

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ASSIGNMENT

WHEREAS, Douglas Spencer Millar, a Australian citizen, residing at Revesby, NSW, Australia (individual hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to MOLECULAR DETECTION ASSAY (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been filed (identified above) with the United States Patent and Trademark Office (hereinafter the "Application") on February 28, 2014;

AND WHEREAS, Human Genetic Signatures Pty. Ltd., with its principal place of business at Virology Research Laboratory, Level 3, Clinical Science Building, Prince of Wales Hospital, Randwick, NSW 2031, Australia (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents 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 all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

PATENT REEL: 033108 FRAME: 0659 Application No.: 14/342093 Filing Date: February 28, 2014

Docket Number: ALAR45.002APC

Page 2 of 2

Douglas Spencer Millar

Witnessed by:

Printed Name: ROBERT BLERELL

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> PATENT REEL: 033108 FRAME: 0660

RECORDED: 06/16/2014