

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4904204

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL J. MCPHAUL	04/06/2018
JAMES J. DEVLIN	04/02/2018
DOV SHIFFMAN	04/02/2018
CARMEN TONG	04/02/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUEST DIAGNOSTICS INVESTMENTS LLC
<b>Street Address:</b>	3 GIRALDA FARMS
<b>Internal Address:</b>	C/O JOEL S. WHITE
<b>City:</b>	MADISON
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07940
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15942188
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	610.631.4277
<b>Email:</b>	Joel.S.White@questdiagnostics.com
<b>Correspondent Name:</b>	QUEST DIAGNOSTICS INVESTMENTS LLC
<b>Address Line 1:</b>	3 GIRALDA FARMS
<b>Address Line 2:</b>	C/O JOEL S. WHITE
<b>Address Line 4:</b>	MADISON, NEW JERSEY 07940
<b>ATTORNEY DOCKET NUMBER:</b>	034827-3631
<b>NAME OF SUBMITTER:</b>	JOEL S. WHITE
<b>SIGNATURE:</b>	/Joel S. White/
<b>DATE SIGNED:</b>	04/06/2018
<b>Total Attachments: 7</b>	

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source=034827-3631\_TongAssign#page1.tif  
source=034827-3631\_TongAssign#page2.tif

**PATENT ASSIGNMENT**

Docket Number 034827-3631

WHEREAS, the undersigned:

- |                                                           |                                                           |                                                                               |                                                                                |
|-----------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1. SHIFFMAN, Dov<br>557 Hilbar Ln.<br>Palo Alto, CA 94303 | 2. TONG, Carmen<br>5866 Turnberry Dr.<br>Dublin, CA 94568 | 3. DEVLIN, James J.<br>1146 Upper Happy<br>Valley Road<br>Lafayette, CA 94549 | 4. McPHAUL, Michael J.<br>26748 Calle Juanita<br>Capistrano Beach, CA<br>92624 |
|-----------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|

(hereinafter "Inventor(s)),” have invented certain new and useful improvements in

**METHODS FOR QUANTITATION OF INSULIN AND C-PEPTIDE**

- for which a United States patent application is executed on even date herewith;
- for which Application No. 15/942,188 was filed on March 30, 2018 in the United States Patent Office;
- for which Application No. \_\_\_\_\_ was filed on \_\_\_\_\_ in the U.S. Receiving Office of the Patent Cooperation Treaty;
- for which Application No. \_\_\_\_\_ was filed on \_\_\_\_\_ in the \_\_\_\_\_ Patent Office; and/or
- for which an application was filed upon which a United States Patent issued on \_\_\_\_\_, as U.S. Patent No. \_\_\_\_\_

(hereinafter "Application(s)").

WHEREAS, QUEST DIAGNOSTICS INVESTMENTS LLC, a limited liability company of the State of Delaware, having a place of business at 3 Giralda Farms, Madison, New Jersey 07940, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Application(s) and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered, whether jointly or severally, by said Inventor(s) (hereinafter collectively referred to as "Inventions"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter "Patent(s)") thereon granted in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

2. Said Inventor(s) hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any applications covering said Inventions; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Inventions; (d) for filing and prosecuting applications for reissuance of any said Patent(s); (e) for interference or other priority proceedings involving said Inventions; and (f) for legal proceedings involving said Inventions and any applications therefor and any Patent(s) granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

5. Said Inventor(s) hereby request that any Patent(s) issuing in the United States, foreign countries, or under any international convention, agreement, protocol, or treaty, be issued in the name of the Assignee, or its successors and assigns, for the sole use of said Assignee, its successors, legal representatives and assigns.

**PATENT ASSIGNMENT**

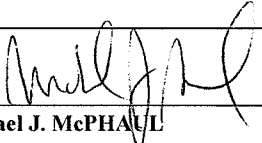
Docket Number 034827-3631

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below:

Date: \_\_\_\_\_  
Dov SHIFFMAN

Date: \_\_\_\_\_  
Carmen TONG

Date: \_\_\_\_\_  
James J. DEVLIN

Date: 4/6/2018  
  
Michael J. McPHAIL

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

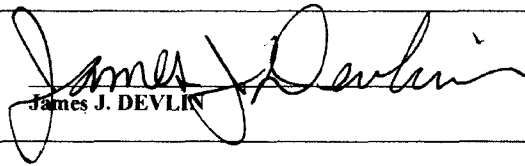
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Date: \_\_\_\_\_  
Dov SHIFFMAN

Date: \_\_\_\_\_  
Carmen TONG

Date: 4-2-18   
James J. DEVLIN

Date: \_\_\_\_\_  
Michael J. McPHAUL

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

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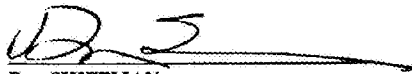
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Date: \_\_\_\_\_

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