

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOHN R CASHMAN	09/24/2010
MARY T MACDONALD	09/16/2010
RECEIVING PARTY DATA	
Name:	HUMAN BIOMOLECULAR RESEARCH INSTITUTE
Street Address:	5310 EASTGATE MALL
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15391614
CORRESPONDENCE DATA	
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<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>	
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Correspondent Name:	HUMAN BIOMOLECULAR RESEACH INSTITUTE
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Address Line 4:	SAN DIEGO, CALIFORNIA 92121
ATTORNEY DOCKET NUMBER:	HBRI.007C.US
NAME OF SUBMITTER:	ANGELO J. CASTELLINO
SIGNATURE:	/Angelo Castellino/
DATE SIGNED:	12/18/2018
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, We,

- **John R. Cashman**, an United States citizen, residing at 5310 Eastgate Mall, San Diego, California, 92121, and
- **Mary T. MacDonald**, an United States citizen, residing at 1240 Grand Avenue, San Diego, California, 92109,

have invented certain new and useful improvements in **CHEMICAL AND BIOCHEMICAL ADDUCTS AS BIOMARKERS FOR ORGANOPHOSPHATE EXPOSURE** for which a provisional application was filed on **April 14, 2008**, and assigned application serial number **61/124,198** (the "Application");

AND WHEREAS,

- **HUMAN BIOMOLECULAR INSTITUTE**, a corporation, with its principal place of business at 5310 Eastgate Mall, San Diego, California, 92121, United States of America,

(hereinafter "ASSIGNEE"), desires to acquire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the inventors, do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in the Application including any improvements made thereto, and any utility (non-provisional) application(s) claiming priority thereto that have been or may hereafter be filed; such filings including divisions, renewals and continuations 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 applications for Letters Patent which may hereafter be, or have heretofore been, filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner for 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 Letters Patent for said improvements to the ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO 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 the said Letters Patent, before or after issuance.

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

Three (3) signature pages follow.

Serial No.: 61/124,198
Filing Date: April 14, 2008

PATENT
Client Code: HBRI.007PR
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24th day of September, 2010.

John R. Cashman
John R. Cashman

State of California

County of San Diego

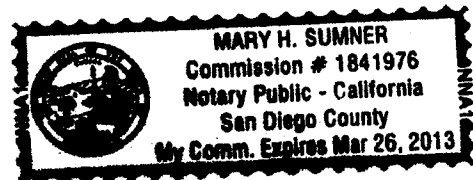
On Sept 24, 2010 before me, MARY H. SUMNER, Notary Public
(insert Notary name)
personally appeared JOHN R. CASHMAN,

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~
subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same
in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument
the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

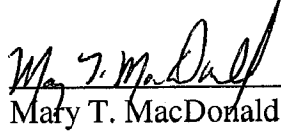
I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Mary H. Sumner (Seal)



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16th day of September, 2010.


Mary T. MacDonald

State of California

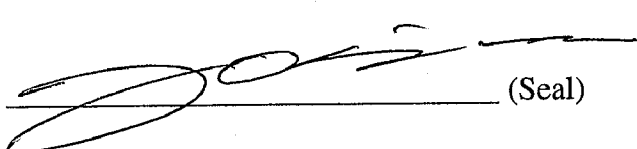
County of SAN DIEGO

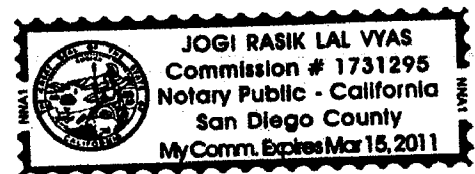
On 9-16-2010 before me, JOGI RASIK LAL VYAS
personally appeared MARY THERESA MAC DONALD (insert Notary name)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)



Serial No.: 61/124,198
Filing Date: April 14, 2008

PATENT
Client Code: HBRI.007PR
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The ASSIGNEE hereby accepts the transfer of rights from the ASSIGNORS to the ASSIGNEE.

IN TESTIMONY WHEREOF, and on behalf of the ASSIGNEE, I hereunto set my hand and seal this 24 day of September, 2010.

Rebekah Handley
Signature

Rebekah Handley
Printed Name

COO
Title

State of California

County of SAN DIEGO

On Sept 24, 2010 before me, Mary H. Sumner, Notary Public
(insert Notary name)
personally appeared REBEKAH HANDLEY,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~
subscribed to the within instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same
in ~~his~~/her/~~their~~ authorized capacity(ies), and that by ~~his~~/her/~~their~~ signature(s) on the instrument
the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature M.H.S. (Seal)

