PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY D	CONVEYING PARTY DATA				
	Name Execution Date				
John R. Cashman 08/23/2011				08/23/2011	
RECEIVING PARTY DATA					
Name:		NOLEC	JLAR RESEARCH INSTITUTE		
Street Address:	5310 Eastgate	e Mall			
City:	San Diego				
State/Country:	CALIFORNIA	,			
Postal Code:	92121				
PROPERTY NUMBERS	S Total: 2				
Property Type			Number		
Application Number: 13204		13204	95		
PCT Number: US114		US114			
CORRESPONDENCE I	DATA				
CORRESPONDENCE DATA Fax Number: (619)923-0888 Correspondence will be sent via US Mail when the fax attempt is unsuccessful.					
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Correspondence will be sent via US Mail when the fax attempt is unsuccessful. O Phone: 6192032579 Email: docketing@techlawllp.com Correspondent Name: Sam K. Tahmassebi Address Line 1: 10755 Scripps Poway Parkway, Ste. 465					
Address Line 2: TechLaw LLP					
Address Line 4: San Diego, CALIFORNIA 92131					
ATTORNEY DOCKET NUMBER:			HBRI.009US AND PCT		
NAME OF SUBMITTER:			Kristen Lemme		
Total Attachments: 4 source=HBRI.009US Assignment#page1.tif source=HBRI.009US Assignment#page2.tif source=HBRI.009US Assignment#page3.tif source=HBRI.009US Assignment#page4.tif					

ASSIGNMENT

WHEREAS, I,

• John R. Cashman, an United States citizen, whose mailing address is 5310 Eastgate Mall, San Diego, California, 92121,

have invented certain new and useful improvements in **SYNTHETIC COMPOUNDS AND METHODS TO DECREASE NICOTINE SELF-ADMINISTRATION** for which the following patent applications (hereinafter "APPLICATION") were filed:

Application Serial Number	Filing Date	Client Code
13/204,095	August 5, 2011	HBRI.009US
PCT/US2011/046733	August 5, 2011	HBRI.009PCT

AND WHEREAS,

• HUMAN BIOMOLECULAR RESEARCH 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, I, the inventor, do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, my 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 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

PATENT REEL: 026809 FRAME: 0002 ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND 1 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 I HEREBY covenant and agree that I 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.

Two (2) signature pages follow.

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PATENT REEL: 026809 FRAME: 0003

Client Code: HBRL009US and HBRL009PCT

IN TESTIMONY WHEREOF. I bereunto set my hand and seal this 23/ day of A_{max} , 2011.

Carbus

John R. Cashman

State of California

County of ______

1414 23 2011 before me, MAry 4 Summer withy P. Ale ______ ally appeared ______K K CASH for an and a conserver of the conserve On personally appeared

who proved to me on the basis of satisfactory evidence to be the person(\$) whose name(\$) 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(\$) on the instrument the person(\$), or the entity upon behalf of which the person(\$) 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.

<u>/___/(Seal)</u> Signature

MARY H. SUMMER Commission # 1841976 Notary Public - California San Olego County My Comm. Expires Mar 26, 2013 |

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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 bereunto set my hand and seal this 24th day of AUGUST, 2011.

thrafter

State of	Calif	fornia		
County	of	<u>Sa n</u>	Deg)

On	Aug 24		me, <u>)////////////////////////////////////</u>	1/ Sumo	<u>o potro p</u> arta -	
nerso	naliv appeared	<u> Reke ka</u>	Gusseri Notars 14 - AASE	/ 188166) <u>\</u>		
who proved to me on the basis of satisfactory evidence to be the person(\hat{s}) whose name(\hat{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(x), or the entity upon behalf of which the person(\hat{x}) 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)



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RECORDED: 08/25/2011