

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7439582

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOD DWAYNE STRUGNELL	11/29/2017
GUADALUPE CORTES-GARCIA	11/29/2017
TIM ALEFANTIS	12/01/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SANOFI PASTEUR INC.
<b>Street Address:</b>	1 DISCOVERY DRIVE
<b>City:</b>	SWIFTWATER
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	18370
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17813445
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)997-4905
<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>	7039170000
<b>Email:</b>	swilliams@mh2law.com, docketing@mh2law.com
<b>Correspondent Name:</b>	MH2 TECHNOLOGY LAW GROUP, LLP
<b>Address Line 1:</b>	1951 KIDWELL DRIVE
<b>Address Line 2:</b>	SUITE 310
<b>Address Line 4:</b>	TYSONS CORNER, VIRGINIA 22182
<b>ATTORNEY DOCKET NUMBER:</b>	0171.0008-PCT-US-CON2
<b>NAME OF SUBMITTER:</b>	SHULING LAU WILLIAMS
<b>SIGNATURE:</b>	/Shuling Lau Williams/
<b>DATE SIGNED:</b>	07/19/2022
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

For good and valuable consideration, the sufficiency of which is hereby acknowledged, we the undersigned, **Tod Dwayne STRUGNELL**, **Guadalupe CORTES-GARCIA** and **Tim ALEFANTIS**; hereby;

Sell, assign and transfer to **Sanofi Pasteur, Inc.**, a Delaware corporation having a place of business at 1 Discovery Dr., Swiftwater, PA 18730, USA, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any inventions which are disclosed in the applications;

International Application No.:	PCT/US2016/036740	Filing Date:	09 June 2016
Claiming Priority to Application No.:	62/172,949	Filing Date:	09 June 2015
Entitled:	<b>METHODS OF OPTIMIZING NUCLEOTIDE SEQUENCES ENCODING ENGINEERED INFLUENZA PROTEINS</b>		

And in and to said application and all non-provisional, conversion, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority; and assign the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein;

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, conversion, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all application for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patent and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property therein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us/me.

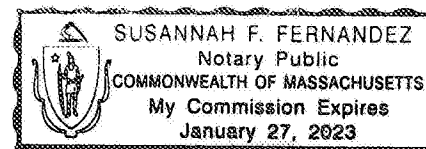
29 NOV 2017  
Date

By [Signature]  
Name: **Tod Dwayne STRUGNELL**

Commonwealth of Massachusetts  
County of Suffolk

Before me this 29 day of November, 2017, before me, the undersigned notary public, personally appeared Tod Dwayne Strugnell, proved to me through satisfactory evidence of identification, which consisted of Personally known to me, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Signature]  
Notary Public



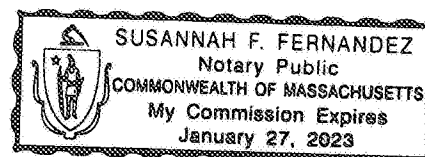
29 NOV 2017  
Date

By [Signature]  
Name: **Guadalupe CORTES-GARCIA**

Commonwealth of Massachusetts  
County of Suffolk

Before me this 29 day of November, 2017, before me, the undersigned notary public, personally appeared Guadalupe Cortes-Garcia, proved to me through satisfactory evidence of identification, which consisted of Personally known to me, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Signature]  
Notary Public



01-DEC-2017  
Date

By [Signature]  
Name: **Tim ALEFANTIS**

Commonwealth of Pennsylvania  
County of Lackawanna

Before me this 01 day of December, 2017, before me, the undersigned notary public, personally appeared Tim Alefantis, proved to me through satisfactory evidence of identification, which consisted of Drivers License, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

[Signature]  
Notary Public

SEAL

