

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Oravax Merieux Co.	08/18/2011
RECEIVING PARTY DATA	
Name:	Sanofi Pasteur Inc.
Street Address:	One Discovery Drive
Internal Address:	IP Group
City:	Swiftwater
State/Country:	PENNSYLVANIA
Postal Code:	18370
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	08920095
Application Number:	08928081
Application Number:	09338920
Application Number:	09336115
CORRESPONDENCE DATA	
Fax Number:	(617)494-1741
Email:	matt.ravenstein@sanofipasteur.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	matt ravenstein
Address Line 1:	38 Sidney St.
Address Line 2:	IP Group
Address Line 4:	Cambridge, MASSACHUSETTS 02139
ATTORNEY DOCKET NUMBER:	CAMBRIDGE - OMC-SPI H.PYL
NAME OF SUBMITTER:	Matt Ravenstein
Total Attachments: 3 source=Assignment OMC to SPI - 5837240,5985631,6709851,6576244#page1.tif source=Assignment OMC to SPI - 5837240,5985631,6709851,6576244#page2.tif source=Assignment OMC to SPI - 5837240,5985631,6709851,6576244#page3.tif	

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PATENT  
REEL: 026928 FRAME: 0232

### ASSIGNMENT OF PATENTS

THIS ASSIGNMENT is made as of the \_\_\_\_ day of \_\_\_\_\_, 2011, between ORAVAX MERIEUX CO., a Massachusetts general partnership ("Assignor") and SANOFI PASTEUR INC., a Delaware corporation ("Assignee").

WHEREAS, Assignor is the owner of certain patents set forth on Schedule 1-A attached hereto and certain patentable inventions (the "Assigned Patents"); and

WHEREAS, the Assignor has agreed to assign its interest in the Patents to the Assignee, and the Assignee has agreed to accept such assignment.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignor does hereby sell, assign, set over and transfer to the Assignee, its successors and assigns, Assignor's entire right, title and interest in and to the Patents, and in and to all divisions, reissues, substitutions, continuations, in whole or in part, re-examinations, and extensions thereof, and all applications claiming priority therefrom; and the Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, to the Assignee; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors, assigns or other legal representatives, at common law and/or to the full end of the term or terms for which any and all of said Patents may issue, to the same extent as the Assignor would hold and enjoy if this Assignment and sale had not been made; together with all claims for damages by reason of past infringement of the Patents with the right to sue for and collect the same for its own use and benefit, and for the use and on behalf of its successors, assigns or other legal representatives.

The Assignor covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this Agreement and sale. The Assignor further agrees to execute any and all applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such rights, and also agrees, at the request of the Assignee, to testify in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain, maintain and enforce protection for said Patents in all countries.

IN WITNESS WHEREOF, Assignor, expressly intending to be legally bound hereby, has caused this Assignment to be executed by its duly authorized officer as of the \_\_\_\_ day of \_\_\_\_\_, 2011.

ORAVAX MERIEUX CO.

By: Kimberly A. Cornwell  
Name: Kimberly A. Cornwell  
Title: Secretary

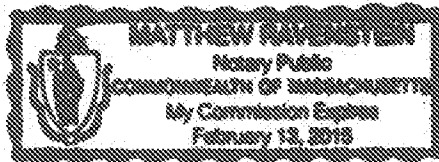
ACKNOWLEDGMENT

STATE OF Massachusetts )

) ss:

COUNTY OF Middlesex )

On this 12<sup>th</sup> day of August, 2011 Kimberly Cornwell, the Secretary of Oravax Merieux Co., to me personally known, personally appeared before me and stated that the foregoing instrument was signed on behalf of such corporation pursuant to proper corporate authority, and acknowledged the execution of the instrument as the free act and deed of the corporation.



[SEAL]

Matthew R. Smith  
Notary Public  
My Commission Expires: February 13, 2015

**SCHEDULE 1-A  
ASSIGNED PATENTS**

Serial No.: 08/920,095  
Patent Number: 5,837,240  
Title: Multimeric, recombinant urease vaccine

Serial No.: 08/928,081  
Patent Number: 5,985,631  
Title: Method for preventing the activation of inactive, recombinant *Helicobacter pylori* apourese

Serial No. 09/338,920  
Patent Number: 6,709,851  
Title: Stabilization of helicobacter urea

Serial No. 09/336,115  
Patent Number: 6,576,244  
Title: LT and CT in parenteral immunization methods against helicobacter infection