	FORM PTO-1595 (Rev. 07/05)  OMB No. 0651-0027 (exp 6/30/2008)  To the Director of the U.S. Patents and Trac	Attorney Customer Number: 22,852
!	1. Name of conveying party(ies):	7
F	1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
	1) Frédéric TANGY 2) Philippe DESPRES 3) Chantal COMBREDET 4) Marie Pascale FRENKIEL	Name: 1) INSTITUT PASTEUR
	Additional name(s) of conveying party(les) attached?	Internal Address:
10	3. Nature of conveyance/Execution Date(s): Execution Dates: 1) October 18, 2005 2) October 26, 2005 3) October 18, 2005 4) October 26, 2005	Street Address: 25-28 rue du Dr. Roux, 75724, Paris Cédex 15, France
~		City:
8	☐ Security Agreement ☐ Change of Name	State: Zip Code:
=	Joint Research Agreement	
	Government Interest Assignment	Additional name(s) & Address(es) attached?
	Executive Order 9424, Confirmatory License	
	Other	⊠ Yes □ No
	4. Application number(s) or patent number(s):	This document is being filed together with a new application.
	A. Patent Application Number(s):	B. Patent Number(s):
	11/210,960	
•	Additional numbers attached?	ı □ Yes   ⊠ No
	5. Name and address of to whom correspondence concerning document should be mailed:	6. Total number of applications and registrations involved:
11/28/ 01 FC:	Name: Mr. Ernest F. Chapman 2005 DBYRNE 00000135 11210960 8021 40.00 0P	7. Total fee (37 CFR 3.41): \$40  Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed (Please charge deficiency to deposit account) None required (government interest not affecting title)
	Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	8. Payment Information
	Street Address: 901 New York Avenue, NW	a. Credit Card Last 4 Numbers Expiration Date
	City: Washington, D.C.	b. Deposit Account No.: 06-0916
	State: Zip: 20001-4413	Authorized User Name
	8. Statement and signature.	
	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the document.	
	Ernest F. Chapman	November 23, 2005  Date
	REG. No. 25,961 Signa	nui 6 Date
	Total number of pages including cover sheet, a	ttachments and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 02356.0095 Attorney Customer Number: 22,852

Name and address of additional receiving party:

2) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3 rue Michel-Ange, 75794 Paris Cedex 16, France

PATENT REEL: 017265 FRAME: 0277

Attorney Docket No.:02356.0095

JOINT INVENTION (U.S. Rights Only)

## **ASSIGNMENT**

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

## NEW DENGUE AND WEST NILE VIRUSES PROTEINS AND GENES CODING THE FOREGOING, AND THEIR USE IN VACCINAL, THERAPEUTIC AND DIAGNOSTIC APPLICATIONS

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on August 25, 2005 (Application No. ); and

WHEREAS, INSTITUT PASTEUR, a corporation of France, whose post office address is 25/28 rue du Dr. Roux, 75724, PARIS Cédex 15, France; and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, a corporation of France, whose post office address is 3 rue Michel-Ange, 75794 Paris Cedex 16, France (hereinafter referred to as assignees), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 11/210,960 , filed August 25, 2005) the filing date and application number of said application when known.

PATENT REEL: 017265 FRAME: 0278

IN TESTIMONY WHEREOF, we have hereunto set our hands. Frédéric First Assignor Fédéric TANGY 60, rue du Garde-Chasse, F-93260 Les Lilas, France Citizenship: France Signature: Date: **Second Assignor** Philippe DESPRES 18 Place de La Liberté, F-92250 Garenne-Colombes. France Citizenship: France Signature: Date: **Third Assignor Chantal COMBREDET** 124 Avenue de Villiers,

F-75017 Paris.

France

Citizenship: France

Signature:

Date:

PATENT REEL: 017265 FRAME: 0279

## IN TESTIMONY WHEREOF, we have hereunto set our hands.

	60, rue du Garde-Chasse, F-93260 Les Lilas, France
Citizenship:	France
Signature:	
Date:	
Second Ass	i <b>gnor</b> Philippe DESPRES 18 Place de La Liberté, F-92250 Garenne-Colombes, France
Citizenship:	France
Signature:	
Date:	24/6/25
Third Assig	nor Chantal COMBREDET 124 Avenue de Villiers, F-75017 Paris, France
Citizenship:	France
Signature:	
Date:	

Fédéric TANGY

**First Assignor** 

Attorney Docket No.:02356.0095

**Fourth Assignor** 

Marie Pascale FRENKIEL

15 rue Chaptal, F-92300 Levallois,

France

Citizenship: France

**RECORDED: 11/23/2005** 

Signature:

Date:

**PATENT** 

**REEL: 017265 FRAME: 0281**