

11-12-1999

U.S. Department of Commerce  
Patent and Trademark Office  
Priority Docket No. 05986.0008  
3E 1 OF 2

FORM PTO-1594  
1-31-92

RECORDATION  
PAT



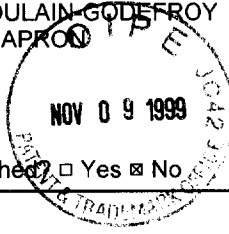
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To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):

- (1) Nathalie MIELCAREK
- (2) Camille LOCHT
- (3) Gilles RIVEAU
- (4) Odile POULAIN-GODEFROY
- (5) André CAPRON



Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

11-999

Name: (1) INSTITUT PASTEUR DE LILLE

Internal Address:

Street Address: (1) 1 rue de Professeur Calmette  
59019 Lille, France

City:

State:

Zip Code:

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name

Other

Execution Date: (1) August 13, 1999 (2), (3) and (4) August 16, 1999 and (5) August 19, 1999

Additional name(s) & Address(es) attached?

Yes  No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number(s):

09/284,252

B. Patent Number(s):

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

Street Address: 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-3315

8. Deposit account number: 06-0916

9. 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 original document.

Ernest F. Chapman

November 9, 1999

Signature

Date

11/12/1999 DNGUYEN 00000009 09284252

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Total number of pages including cover sheet, attachments and documents: 4

PATENT  
REEL: 010366 FRAME: 0111

To the Honorable Commissioner of Patents and Trademarks:  
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

2. Name and address of receiving party(ies):

Name: (2) INSTITUT NATIONAL DE LA SANTE ET DE LA  
RECHERCHE MEDICALE (INSERM)

Internal Address:

Street Address: (2) 101 rue de Tolbiac  
75654 Paris cedex 13, France

City:

State: | Zip Code: |

Additional name(s) & Address(es) attached?

Yes  No

ATTORNEY DOCKET NO.: 05986.0008

SOLE/JOINT INVENTION

(U.S. Rights Only)

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

BORDETELLA STRAIN EXPRESSING THE FEA HYBRID, LIPOSOMES AND VACCINES

for which I/WE executed an application for United States Letters Patent concurrently herewith or on \_\_\_\_\_ or filed an application for United States Letters Patent on April 09, 1999, (Serial No. 09/284,252); and

WHEREAS, 1) INSTITUT PASTEUR DE LILLE and 2) INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), corporations of France, whose post office addresses are 1) 1 rue de Professeur Calmette, 59019 Lille, France and 2) 101 rue de Tolbiac, 75654 Paris cedex 13 France (hereinafter referred to as Assignee), are 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, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/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 I/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, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/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, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/284,252, filed April 09, 1999) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Assignor's Signature	Date
Nathalie MIELCAREK : <i>Nathalie Mielcarek</i>	13.08.99
Address 166 rue de Paris, 59000 Lille, France	Citizen of France
2. Full Name of Second Assignor : Assignor's Signature	Date
Camille LOCHT : <i>Camille Locht</i>	16.08.99
Address 143 rue du Vert Pré, 59830 Wannehain, France	Citizen of France
3. Full Name of Third Assignor : Assignor's Signature	Date
Gilles RIVEAU : <i>Gilles Riveau</i>	16/08/99
Address 22 avenue Salomon, 59800 Lille, France	Citizen of France

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. - WASHINGTON, D.C.

Continued From First Page Of Assignment

ATTORNEY DOCKET NO.: 05286.0008

4. Full Name of Fourth Assignor	: Assignor's Signature	: Date
Odile POULAIN-GODEFROY	<i>Odile Poulain - Godefroy</i>	16.8.99
Address 11 avenue du Maréchal de Lattre de Tassigny, 59130 Lambereart, France		Citizen of France
5. Full Name of Fifth Assignor	: Assignor's Signature	: Date
André CAPRON	<i>André CAPRON</i>	19.08.99
Address 58 rue du Capitaine Jasmin, 59113 Phalempin, France		Citizen of France
6. Full Name of Sixth Assignor	: Assignor's Signature	: Date
Address		Citizen of
7. Full Name of Seventh Assignor	: Assignor's Signature	: Date
Address		Citizen of
8. Full Name of Eighth Assignor	: Assignor's Signature	: Date
Address		Citizen of
9. Full Name of Ninth Assignor	: Assignor's Signature	: Date
Address		Citizen of
10. Full Name of Tenth Assignor	: Assignor's Signature	: Date
Address		Citizen of
11. Full Name of Eleventh Assignor	: Assignor's Signature	: Date
Address		Citizen of
12. Full Name of Twelfth Assignor	: Assignor's Signature	: Date
Address		Citizen of
13. Full Name of Thirteenth Assignor	: Assignor's Signature	: Date
Address		Citizen of