

05-19-2003

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

PATENT
SERVICES

102451491

1. Name of conveying party(ies):
1. Nicole GUIZO-MACLOUF
2. Caroline BOURSAUX-EUDE

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

Name: Institut Pasteur

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

Internal Address:

3. Nature of conveyance:

Street Address: 25-28 rue du Docteur Roux,
75724 Paris Cedex 15, France☒ Assignment ☐ Merger

City:

☐ Security Agreement ☐ Change of Name

State:

Zip Code:

☐ Other:

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

Execution Date: 1. March 21, 2003
2. March 27, 2003☐ 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):

10/302,896

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

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

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 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
Reg. No. 25,961

May 14, 2003

Signature

Date

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Total number of pages including cover sheet, attachments and documents: 3

JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

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

POLYPEPTIDES CONTAINING POLYMORPHISMS OF THE REPEATED REGIONS OF PERTACTIN IN *BORDETELLA PERTUSSIS*, *BORDETELLA PARAPERTUSSIS*, AND *BORDETELLA BRONCHISEPTICA*, THEIR USE IN DIAGNOSTICS, AND IN IMMUNOGENIC COMPOSITIONS

for which we executed an application for United States Letters Patent concurrently herewith or on or filed an application for United States Letters Patent on November 25, 2002 (Application No. _____); and

WHEREAS, INSTITUT PASTEUR, a corporation of France, whose post office address is 25-28 rue du Docteur Roux, 75724 Paris Cedex 15, France (hereinafter referred to as assignee), 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. *10/302, 696*, filed November 25, 2002) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Nicole GUIZO-MACLOUF
4 rue Christophe Colomb
75008 Paris, France

Citizenship: France

Signature: _____

Date: _____

03/21/2003

Second Assignor

Caroline BOURSAUX-EUDE
9 rue de Colonel Fabien
92160 Antony, France

Citizenship: France

Signature: _____

Date: _____

03/27/2003