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Atty. Dkt. No. 37851-922

Form PTO-1595

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

1. Name of Conveying party(ies):

GANTIER, Rene
VEGA, Manuel
DRITTANTI, Lila
GUYON, Thierry

2. Name and address of receiving Party(ies)

NAUTILUS BIOTECH, S.A.
1, rue Pierre Fontaine
91000 Evry, France

Additional name(s) & address(es) attached? Yes No

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of name
 Other

Execution Date: GANTIER, Rene: 09/15/03; VEGA, Manuel: 09/19/03;
DRITTANTI, Lila: 09/15/03; GUYON, Thierry: 09/15/03

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 is:

A. Patent Application No.(s):
10/658,834

B. Patent No.(s)

Additional numbers attached? Yes No

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

Stephanie L. Seidman
HELLER EHRMAN WHITE & McAULIFFE LLP
4350 La Jolla Village Drive
7th Floor
San Diego, CA 92122-1246

6. Total number of Applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed
 Authorized to charge any underpayment to deposit account

8. Deposit account Number: 50-1213

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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.

Stephanie L. Seidman
Name of Person Signing
Registration No. 33,779

Signature

01/20/04
Date

Total number of pages including cover sheet, attachments, and document: 9

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ASSIGNMENT

I, **RENE GANTIER**, a citizen of France, residing at 2, rue de Dublin, La Clef de Saint-Pierre, 78990 Elancourt, France, for good and valuable consideration, have assigned and do hereby assign to **NAUTILUS BIOTECH, S.A.**, a French corporation organized under the laws of France, with its principal place of business at 1, rue Pierre Fontaine, 91000 Evry, France, (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/658,834 entitled:

RATIONAL EVOLUTION OF CYTOKINES FOR HIGHER STABILITY, THE CYTOKINES AND ENCODING NUCLEIC ACID MOLECULES


which was filed on September 8, 2003, and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

ASSIGNMENT
Gantier et al.

Atty Docket No. 37851-922

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Date: Sep 15, 2003



RENE GANTIER

WITNESSED:

DATE: Sep 15, 2003




[SIGNATURE OF WITNESS]

SANCHEZ M. F

[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: Sep 15, 2003



[SIGNATURE OF WITNESS]

THAO CHAN Michel

[PRINTED NAME OF WITNESS]

A S S I G N M E N T

I, **RENE GANTIER**, a citizen of France, residing at 2, rue de Dublin, La Clef de Saint-Pierre, 78990 Elancourt, France, for good and valuable consideration, have assigned and do hereby assign to **NAUTILUS BIOTECH, S.A.**, a French corporation organized under the laws of France, with its principal place of business at 1, rue Pierre Fontaine, 91000 Evry, France, (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/658,834 entitled:

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ASSIGNMENT
Gantier et al.

Atty Docket No. 37851-922

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Date: Sep 15, 2003



RENE GANTIER

WITNESSED:

DATE: Sep 15, 2003




[SIGNATURE OF WITNESS]

SANCHEZ M. F

[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: Sep 15, 2003



[SIGNATURE OF WITNESS]

THAO CHAN Michel

[PRINTED NAME OF WITNESS]

ASSIGNMENT

I, **MANUEL VEGA**, a citizen of Italy, residing at 49, rue Felix Faure, 91270 Vigneux-sur-Seine, France, for good and valuable consideration, have assigned and do hereby assign to **NAUTILUS BIOTECH, S.A.**, a French corporation organized under the laws of France, with its principal place of business at 1, rue Pierre Fontaine, 91000 Evry, France, (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/658,834 entitled:

RATIONAL EVOLUTION OF CYTOKINES FOR HIGHER STABILITY, THE CYTOKINES AND ENCODING NUCLEIC ACID MOLECULES


which was filed on September 8, 2003, (applicant's attorney is authorized to enter application number after execution of this document) and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

ASSIGNMENT
Gantier et al.

Atty Docket No. 37851-922

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.


Date: 19 Sep 2003



MANUEL VEGA

WITNESSED:

DATE: 19 Sep 2003




[SIGNATURE OF WITNESS]

SANCHEZ, U.F.

[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: Sept 19, 2003



[SIGNATURE OF WITNESS]

Michel THAO CHAN

[PRINTED NAME OF WITNESS]

ASSIGNMENT

I, **LILA DRITTANTI**, a citizen of Italy, residing at 49, rue Felix Faure, 91270 Vigneux-sur-Seine, France, for good and valuable consideration, have assigned and do hereby assign to **NAUTILUS BIOTECH, S.A.**, a French corporation organized under the laws of France, with its principal place of business at 1, rue Pierre Fontaine, 91000 Evry, France, (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/658,834 entitled:

**RATIONAL EVOLUTION OF CYTOKINES FOR HIGHER STABILITY, THE
CYTOKINES AND ENCODING NUCLEIC ACID MOLECULES**

which was filed on September 8, 2003, and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

ASSIGNMENT
Gantier et al.

Atty Docket No. 37851-922

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.


Date: Sep. 15, 2003



LILA DRITTANTI

WITNESSED:

DATE: Sep 15, 2003



[SIGNATURE OF WITNESS]

SANCHEZ, M.F.
[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: Sept 15, 2003



[SIGNATURE OF WITNESS]

Michel THAO CHAN
[PRINTED NAME OF WITNESS]

ASSIGNMENT

I, **THIERRY GUYON**, a citizen of France, residing at 8, residence les Terres Rouges, 91120 Palaiseau, France, for good and valuable consideration, have assigned and do hereby assign to **NAUTILUS BIOTECH, S.A.**, a French corporation organized under the laws of France, with its principal place of business at 1, rue Pierre Fontaine, 91000 Evry, France, (hereinafter Assignee), its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter disclosed in the application for Letters Patent of the United States Application No. 10/658,834 entitled:

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ASSIGNMENT
Gantier et al.

Atty Docket No. 37851-922

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.

Date: Sep 15, 2003


THIERRY GUYON

WITNESSED:

DATE: Sep 15, 2003


[SIGNATURE OF WITNESS]

SANCHEZ, N.F.
[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: Sept. 15, 2003


[SIGNATURE OF WITNESS]

Michel THAO CHAN
[PRINTED NAME OF WITNESS]