

Atty Docket No.: 230793US0

07-23-2003

FORM PTO-1595  
1-31-92



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

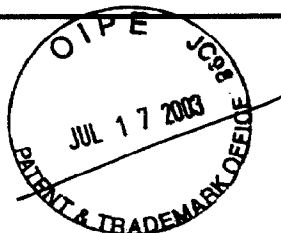
102504088

To the Director of the United States Patent and Trademark Office.

and original documents or copy thereof.

1. Name of conveying party(ies):

- 1. Juerg GYSIN
- 2. Bruno POUVELLE
- 3. Artur SCHERF
- 4. Pierre BUFFET



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

1. Institut Pasteur

Name: 2. Centre National De La Recherche Scientifique

Address: 1) 25-28 rue du Docteur Roux, Paris Cedex 15, France 75724

2) 3, rue Michel-Ange, Paris Cedex 14, France 75794

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

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 05/05/03; 05/05/03; 04/30/03; 05/27/03

Additional name(s) and 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 is:

A. Patent Application No.(s)  
10/305,956

B. Patent No.(s)

Additional numbers attached?  Yes  No

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



22850

Tel. (703) 413-3000  
Fax. (703) 413-2220

6. Total applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 15-0030  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.*

Norman F. Oblon  
Name of Person Signing

*F.O. Vastine*  
Signature 27,013

7/17/03  
Date

Registration Number: 24,618

Total number of pages including this cover sheet: 6

07/22/2003 LNUELLER 00000127 10303956

01 FC:8921

40.00 UP

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office  
Mail Stop Assignment Recordation Services  
Alexandria, Virginia. 22313

# Assignment of Application

INSERT NAMES AND RESIDENCES ADDRESS OF THE INVENTORS

WHEREAS, I (WE) 1) Jacq GYSIN,  
 2) Bruno POUVELLE,  
 3) Arthur SCHERF,  
 4) Pierre BUFFET of  
 1) Le Deguier, 83640 Saint-Zacharie, FRANCE,  
 2) Chemin J. de Pierres Vieilles, La Villette, 83470 Saint-Maximin, FRANCE,  
 3) 42 rue Mathurin rognier, 75015, Paris, FRANCE  
 4) 157 boulevard Davout, 75020 Paris, FRANCE  
 \_\_\_\_\_, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: PROTEINS INVOLVED IN CYTOADHESION OF PLASMODIUM FALCIPARUM RING-STAGE-INFECTED ERYTHROCYTES. ANTIBODIES WHICH BIND TO THE PROTEINS, AND METHODS FOR DETECTING INFECTION, STAGE OF INFECTION AND VACCINES FOR PROTECTING AGAINST INFECTION

INSERT DATE INVENTORS SIGNED DECLARATION:

For which an application for Letters Patent was executed on \_\_\_\_\_  
 (Application No. 10/305,956 , filed November 29, 2002 ) and

INSERT NAME AND ADDRESS OF ASSIGNEE

WHEREAS, 1) INSTITUT PASTEUR; 2) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE  
 (hereinafter referred to as "ASSIGNEE") having places of business at: 1) 25-28 rue du Dr. Roux, 75724 Paris Cedex 15 France; 2) 3 rue Michel-Ange, 75794 Paris Cedex 14 France is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

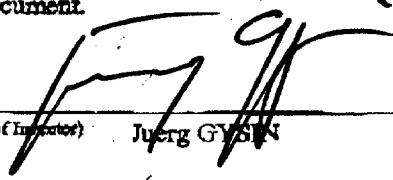
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 05/05/2003

  
(Signature of Inventor) Juerg GYSIN

Date:

(Signature of Inventor) Bruno POUVELLE

Date:

(Signature of Inventor) Artur SCHERF

Date:

(Signature of Inventor) Pierre BUFFET

Date:

(Signature of Inventor)

Date:

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: \_\_\_\_\_

(Signature of Inventor) Juerg GYSIN

Date: 05/05/03

(Signature of Inventor) Bruno POUVELLE

Date: \_\_\_\_\_

(Signature of Inventor) Artur SCHERF

Date: \_\_\_\_\_

(Signature of Inventor) Pierre BUFFET

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: \_\_\_\_\_

(Signature of Inventor) Juerg GYSIN

Date: \_\_\_\_\_

(Signature of Inventor) Bruno POUVELLE

Date: \_\_\_\_\_

(Signature of Inventor) Arthur SCHERF

Date: 30-04-2003

(Signature of Inventor) Pierre BUFFET

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: \_\_\_\_\_

(Signature of Inventor) Juerg GYSIN

Date: \_\_\_\_\_

(Signature of Inventor) Bruno POUVELLE

Date: \_\_\_\_\_

(Signature of Inventor) Artur SCHERF

Date: 27/05/25

(Signature of Inventor) Pierre BUFFET

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

10/01