

12-23-1999

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12/6/99



Trney Docket No. 18623-143-00

FORM PTO-1595
(Rev. 6-93)

101231171

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Alessandro Sette, John Sidney, Scott Southwood, Brian D. Livingston, Robert Chesnut, Denise Marie Baker, Esteban Celis, Ralph T. Kubo and Howard M. Grey

Additional name(s) of conveying parties attached? Yes No.

2. Name and address of receiving party(ies)
Name: Epimmune Inc.
Internal Address:
Street Address: 5820 Nancy Ridge Drive
City: San Diego State: California ZIP: 921

Additional names and addresses attached? Yes No

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DEC - 6 PM 12: 26

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: October 28 and 29, November 1 and 13, 1999

4. Application Number(s) or Patent Numbers.

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No(s): 09/390,061 B. Patent No(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Jean M. Lockyer
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00
 Enclosed Charge Fees to Deposit Account
 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number: 20-1430

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.

Jean M. Lockyer
Name of Person Signing
Atty Reg. No. 44,879

Signature

11/29/99
Date

Total number of pages including cover sheet, attachments and document 11

10. Change Correspondence Address to that of Part 5? Yes No

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover to:
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12/23/1999 DMGUYEN 00000064 201430 09390061
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Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

SF 150911 v1
SF 150911 v1

PATENT
REEL: 010449 FRAME: 0145

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, **Alessandro Sette** of 5551 Linda Rosa Avenue, La Jolla, CA 92037, **John Sidney** of 4218 Corte de la Siena, San Diego, CA 92130, **Scott Southwood** of 10679 Strathmore Drive, Santee, CA 92071, **Brian D. Livingston** of 13555 Chaco Court, San Diego, CA 92129, **Robert Chesnut** of 1473 Kings Cross Drive, Cardiff-by-the-Sea, CA 92007, **Denise Marie Baker** of 11575 Caminito LaBar, #21, San Diego, CA 92126, **Esteban Celis** of 3683 Wright Road S.W., Rochester, MN 55902, **Ralph T. Kubo** of 6921 Pear Tree Drive, Carlsbad, CA 92009, and **Howard M. Grey** of 1461 Caminito Batea, La Jolla, CA 92037 hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: INDUCING CELLULAR IMMUNE RESPONSES TO
 PLASMODIUM FALCIPARUM USING PEPTIDE AND
 NUCLEIC ACID COMPOSITIONS

Filing Date: 9/3/99

Application No.: 09/390,061; and

WHEREAS, Epimmune Inc., a Delaware corporation, of 5820 Nancy Ridge Drive, San Diego CA 92121, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 10/28/99

Alessandro Sette
Alessandro Sette

SIGNATURE WITNESSED BY:

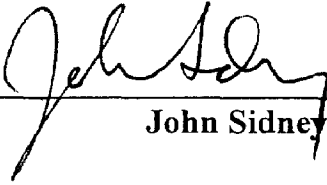
(1) Date: 10/28/99

William D. [Signature]
Signature of Witness 1

(2) Date: 10/28/99

[Signature]
Signature of Witness 2

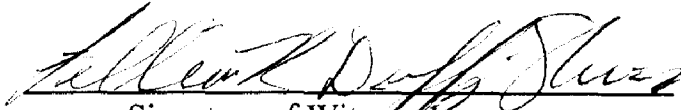
Date: 10/28/97



John Sidney


SIGNATURE WITNESSED BY:

(1) Date: 10/28/97



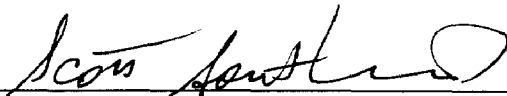
Signature of Witness 1

(2) Date: 10/28/99



Signature of Witness 2

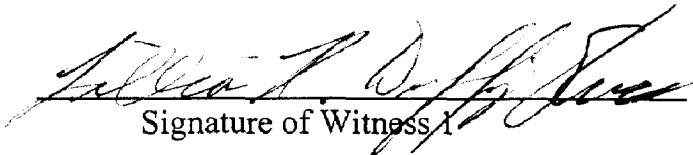
Date: 10/28/99



Scott Southwood


SIGNATURE WITNESSED BY:

(1) Date: 10/28/99




Signature of Witness 1

(2) Date: 10/28/99



Signature of Witness 2

Date: 10/28/99



Brian D. Livingston


SIGNATURE WITNESSED BY:

(1) Date: 10/28/99



Signature of Witness 1

(2) Date: 10/28/99



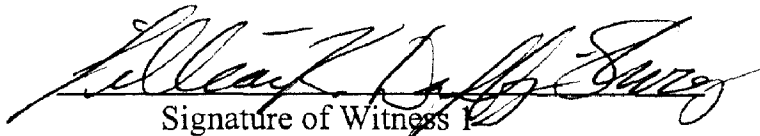
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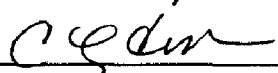

Robert Chesnut

SIGNATURE WITNESSED BY:

(1) Date: 10/28/99


Signature of Witness 1

(2) Date: 10/28/99


Signature of Witness 2

Date: 10/28/99

Denise Marie Baker
Denise Marie Baker

SIGNATURE WITNESSED BY:


(1) Date: 10/28/99

[Handwritten Signature]
Signature of Witness 1

(2) Date: 10/28/99


[Handwritten Signature]
Signature of Witness 2

Date: 11/1/99

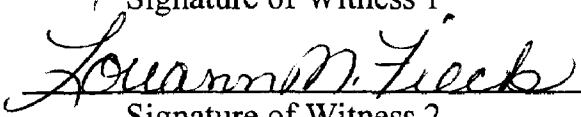

Esteban Celis

SIGNATURE WITNESSED BY:

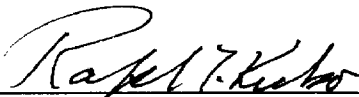
(1) Date: 11/1/99


Signature of Witness 1

(2) Date: 11/1/99


Signature of Witness 2

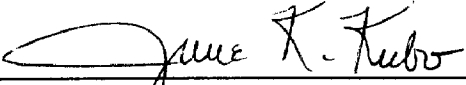
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Ralph T. Kubo

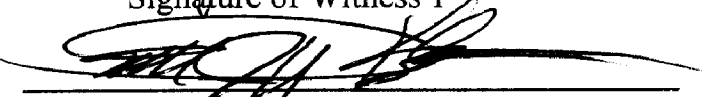
SIGNATURE WITNESSED BY:

(1) Date: October 29, 1999




Signature of Witness 1

(2) Date: 29/10/99



Signature of Witness 2

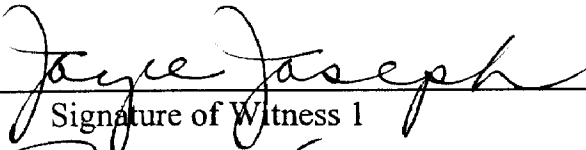
Date: 11/13/99



Howard M. Grey


SIGNATURE WITNESSED BY:

(1) Date: 11/15/99



Signature of Witness 1

(2) Date: 11/15/99



Signature of Witness 2

SF 1037691 v1