

MRD 10/14/99

11-02-1999



Docket No.: 976-4

FORM PTO-1595 (Modified)

Re

101189591

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

**PATENTS ONLY**

99 OCT 14 11 0:53

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

1. Name of conveying party(ies):  
 Susana Vazquez Ramudo  
 Guadalupe Guzman Tirado  
 Gerardo Enrique Guillen Nieto  
 Orlando Luis Pardo Lazo  
 Glay Chinae Santiago  
 Ana Beatriz Perez Diaz  
 Maritza Pupo Antunez  
 Gabriel Padron Palomares

Additional names(s) of conveying party(ies) \_\_\_ Yes X No

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

Name: Centro De Ingenieria Genetic Y Biotecnologia (CIGB)  
 Street Address: Ave. 31 entre 158 y 190  
 Cubanacan, Playa  
 C. Haban, 10600 Cuba

Name: Autopista Novia del Mediodia Km 6  
 Street Address: La Lisa  
 C. Habana 11100 Cuba

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

Additional names(s) & address(es)? \_\_\_ Yes x No

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

A. Patent Application No.(s)  
 09/341,833

Additional numbers attached: \_\_\_ Yes X No

B. Patent No.(s):

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

Name: Ronald J. Baron, Esq.  
 Internal Address: Hoffmann & Baron, LLP  
6900 Jericho Turnpike  
Syosset, NY 11791

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account.

\_\_\_ Authorized to be charged to deposit account.

8. Deposit account no: 08-2461

**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.

Samir R. Patel, Esq.  
 Name of Person Signing

Signature

10/12/99  
 Date

Total number of pages including cover sheet, attachments, and document: 10

11/01/1999 DNGUYEN 00000213 09341833

01 FC:581

40.00 OP

976-4:HBNY1:78053\_1

**PATENT**  
**REEL: 010345 FRAME: 0083**

Attorney's Docket No.: 976-4

**PATENT**

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application;  
 U.S. Provisional Application;  
 U.S. Patent; or  
 PCT Application  
 By:  Inventors or  Present Owners

**JOINT ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEES to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: (inventor(s) or person(s) or entity(ies) who own the invention)

Susana Vazquez Ramudo

Name

Ave. 31 #31607 entre 316 y 318, Rpto. Fraga, La Lisa

C. Habana, 11500, Cuba

Address

Nationality Cuba

Guadalupe Guzman Tirado

Name

Calle 28 #116 e/ 1ra y 3ra, Playa

Address

C. Habana, 11300, Cuba

Nationality Cuba

Gerardo Enrique Guillen Nieto

Name

Linea No. 6 e/ N y O Apto 4, Vedado, Plaza

Address

C. Habana, 10400, Cuba

Nationality Cuba

Orlando Luis Pardo Lazo

Name

Fonts # 125. % Beales y 11. Lawton. 10 de Octubre

Address

C. Habana. 10700. Cuba

Nationality Cuba

Glady China Santiago

Name

Calle 186 # 3115 apto. 4C. % 31 y 33. Playa

Address

C. Habana. 10600. Cuba

Nationality Cuba

Ana Beatriz Perez Diaz

Name

Calle G #301 entre 13 y 15. Vedado. Plaza

Address

C. Habana. 10400. Cuba

Nationality Cuba

Maritza Pupo Antunez

Name

Calle Mercado # 14511 e/ 3ra y Final. Barrio Obrero. San Miguel del Padron

Address

C. Habana. 11000. Cuba

Nationality Cuba

Gabriel Padron Palomares

Name

Ave. 31 # 18207 e/ 182 y 184. Playa

Address

C. Habana. 10600. Cuba

Nationality Cuba

106:50:KBNV1:71829\_1

Assignment of Invention - Page 3 of 8

Maylin Alvarez Vera

Name

Calle Perez # 208 e/Luis y Villanueva, Luyano, 10 de Octubre

Address

C. Habana, 10700, Cuba

Nationality Cuba

Luis Morier Diaz

Name

Calle 1ra No. 5 e/ 2 y 4 Rpto Alkazar, Arroyo Naranja

Address

C. Habana, 11900, Cuba

Nationality Cuba

Omaida Perez Insuita

Name

Calle 310 # 2938 e/ 29 y 31 Reparto "Fraga" La Lisa

Address

C. Habana, 11500, Cuba

Nationality Cuba

Jose Luis Pelegrino Martinez De La Cotera

Name

Calle 310 No 2934 e/ 29 y 31 Reparto "Fraga", La Lisa

Address

C. Habana, 11500, Cuba

Nationality Cuba

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEES:**

CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA (CIGB)  
(Type or print name of ASSIGNEE)

Ave. 31 entre 158 y 190  
Cubanacan, Playa  
C. Habana, 10600 Cuba  
Address

AND

INSTITUTO DE MEDICINA TROPICAL "PEDRO KOURI"  
(Type or print name of ASSIGNEE)

Autopista Novia del Mediodia Km 6  
La Lisa  
C. Habana, 11100 Cuba  
Address

and the successors, assigns and legal representatives of the ASSIGNEES,

(complete one of the following)

- the entire right, title and interest
- an undivided \_\_\_\_\_ percent (\_\_\_\_%) interest

for the United States and its territorial possessions

- and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

**PRE-M/M EPITOPES OF THE DENGUE VIRUS, SYNTHETIC PEPTIDES, CHIMERIC PROTEINS AND ITS USE**

and which is found in

(check and complete (a), (b), (c), (d), (e), (f), or (g))

- (a)  U.S. patent application executed on even date herewith
- (b)  U.S. patent application executed on \_\_\_\_\_

- (c)  U.S. provisional application naming the above inventor(s) for the above-identified invention.
- Express Mail label No.: \_\_\_\_\_, mailed: \_\_\_\_\_
- To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known
- (d)  U.S. application Serial No. 0 / \_\_\_\_\_ filed on \_\_\_\_\_
- (e)  International application No. PCT/CU98/00001
- (f)  U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any re-issue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that the ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEES or their legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

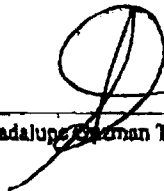
IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

WARNING: Date of signing must be the same as the date of execution of the application if item (a) was checked above.

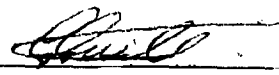
Date: X 10.06.99  
Date of signing

X   
Susana Vazquez Ramudo


Date: X 10.06.99  
Date of signing

X  
  
Guadalupe Chaman Tirado

Date: X 5.8.99  
Date of signing

  
Gerardo Enrique Guillen Nieto


Date: X 8.8.99  
Date of signing

  
Orlando Luis Pardo Lazo

Date: X 8-10-99  
Date of signing

  
Glay China Santiago

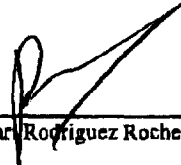
Date: X 10.06.99  
Date of signing

  
Ana Beatriz Perez Diaz

Date: X 5.10.99  
Date of signing

  
Maritza Pupo Antuñez

Date: X 10.06.99  
Date of signing

  
Rosmar Rodriguez Roche

Date: X 8.10.99  
Date of signing

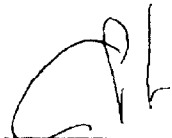
  
Osvaldo Reyes Acosta

Date: X 8.10.99  
Date of signing


  
Hilda Elisa Garay Perez



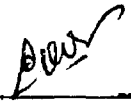
Date: X 8.10.99  
Date of signing

  
\_\_\_\_\_  
Gabriel Padron Palomares


Date: X 10.06.99  
Date of signing

  
\_\_\_\_\_  
Maylin Alvarez Vera

Date: X 10.06.99  
Date of signing

  
\_\_\_\_\_  
Luis Morier Diaz

Date: X 10.06.99  
Date of signing

  
\_\_\_\_\_  
Omaid Perez Insuita

Date: X 10.06.99  
Date of signing

  
\_\_\_\_\_  
Jose Luis Pelegrino Martinez De La Cotera