12-21-2000



FFT

U.S. DEPARTMENT OF COMMERC Patent and Trademark Office

RE 101557815 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Centro Nacional de Investigaciones Cientificas (CNIC) 1) Javier Campos GOMEZ 2) Rafael Alfredo Fando CLALZADA Additional name(s) of Internal Addresses: Ave. 25 No. 15802 esq., a 158 Cubanacan, Playa conveying parties attached: X Yes _No. / Ciudad de la Habana 12100, Cuba Street Addresses: Ave. 25 No. 15802 esa a 158, Cubanacan, Playa 3. Nature of conveyance: City: Ciudad de la Habana 12100, Country: Republica de Cuba X Assignment Merger _ Security Agreement Change of Name Other Execution Date: July 21, 2000 and October 29, 2000 Additional name(s)/address(es) attached: X Yes No. Attorney Docket No.: P- 20 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: B. Patent No(s). A. Patent Application No(s). Additional numbers attached? __Yes _X_No. 6. Total number of applications and patents involved 5. Name and address of party to whom correspondence ... ONE . concerning document should be mailed: 7. Total fee (37 CFR 3.41) ... \$ 40.00 Name: HENRY A. MARZULLO, JR. Enclosed Internal Address: Penthouse Suite X Authorized to be charged to deposit account. 8. Deposit Account No.: 10-0100 Street Address: One Chase Road (Attach duplicate copy of this page if paying by deposit account.) City: Scarsdale State: NY Zip: 10583 DO NOT USE THIS SPACE any attached copy is a true copy of the original 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct a 11-30-00 document. Myron Greenspan Signature V Name of Person Signing Total number of pages including cover sheet, attachments and document: Commissioner of Patents and Trademarks, Box Assignments Mail documents to be recorded with required cover sheet information to:

Page 1 of 2

Washington, D.C. 20231.

00000648 100100

40.00 CH

12/20/2000 NTHAI1

01 FC2581

09582772

Page 2 of 2

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

Additional name(s) of

conveying parties:

- 3 Boris Luis Rodriguez GONAZLEZ
- 4 Talena Yamile Ledon PEREZ
- 5 Edgar Valle DIAZ
- 6 Anisia Juana Silva CABRERA
- 7 Jorge Antonia Benitez ROBLES

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned inventors: (1) Javier Campos Gómez, (2) Rafael Alfredo Fando Clalzada, (3) Boris Luis Rodríguez González, (4) Talena Yamile Ledón Pérez, (5) Edgar Valle Díaz, (6) Anisia Juana Silva Cabrera, (7) Jorge Antonio Benítez Robles, declare that they are citizens of the country of CUBA residing respectively at: (1) Villuendas No. 408 entre Síndico y Caridad, Villa Clara, Santa Clara 50100, CUBA, (2) Calle 43 No. 5838 entre 58B y 58 C, Apto. 41, Reparto Ceiba, Playa, Ciudad de la Habana 11400, CUBA, (3) Villuendas No. 408 entre Síndico y Caridad, Villa Clara, Santa Clara 50100, CUBA, (4) Calle 186 No. 3117 entre 31 y 33, Apto. 6K, Playa, Ciudad de la Habana 11500, CUBA, (5) Avenida Finlay No. 464 entre 1 y 3, Reparto Puerto Príncipe, Camagüey 70800, Cl BA, (6) 5665 North Fresno St. Apt. 212, Fresno CA 93710, USA (7) 5665 North Fresno St. Apt. 212, Fresno CA 93710, USA

Hereby sells, assigns and transfers to: Centro Nacional de Investigaciones Científicas (CNIC) a corporation of the country of <u>CUBA</u>, hereafter called the "Assignee", having a place of business at Ave 25 #15202 esq. a 158, Cubanacán, Playa, Ciudad de la Habana, CP 12100 CUBA, its successors, assigns and legal representative, the entire right, title and interest for the United States, in and to any and all improvements which are described and claimed in the

 attached specification executed on	July	21,	2000	and	October 29,	2000
 specification Serial No	; filed					
 U.S. Letters Patent No.	_; issued					

entitled: "VIBRIO CHOLERAE VACCINE CANDIDATES AND METHOD OF THEIR CONSTRUCTING".

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

Agrees that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good fight the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, power of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known

Covenant with said Assignee, its successors, assigns and representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned further declare that all statements made herein on my (our) own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or aby patent issuing thereon.

DATE: Julio 21 del 2000

(L.S)

DATE: Julio 21 and 2000

(L.S)

DATE: Julio 21 Hel 2000

(L.S)

(L.S)

DATE: Julio 21 del 2000

__(L.S)

DATE: Octubre 29, 2000

(L.S)

DATE: Octubre 29, 2000

Cueva Sila(L.S)

WITNESS'S SIGNATURE

Violata II. Herrora Cabrora

PRINT WITNESS'S NAME

Ave. 25 0 15202 050. 9

Address Cobennecan, Flaya, J. Hobert

WITNESS'S SIGNATURE

Josefina Mong

PRINT WITNESS'S NAME

WITNESS'S SIGNATURE

Ave. 25 # 15202 coq. 9 158

Address
Jubsnecen, Playe, C. Hebens

Ave. 25 # 15202 coq. 9 158

Address
Jubsnecen, Playe, C. Hebens

Glack Remos

This assignment should also preferably be signed before a United States Consul. If not, execution by all the inventor(s) should be witnessed before and by at least two witnesses who sign here.

PRINT WITNESS'S NAME

ref:\grace\pto-form\assn-for.frm

RECORDED: 12/04/2000