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Practitioner's Docket No. U 013108-9

CHAPTER II

IN THE UNITED STATES ELECTED OFFICE (EO/US)

PCT/SG98/00045

19 June 1998

19 June 1998

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

PRIORITY DATE CLAIMED

A VACCINE INDUCED HEPATITIS B VIRAL STRAIN AND USES THEREOF
TITLE OF INVENTION

Chong Jin OON, Gek Keow LIM, Ai Lin LEONG, Yi ZHAO, Wei Ning CHEN
APPLICANT(S)

Box PCT

Assistant Commissioner for Patents

Washington, D.C. 20231

ATTENTION: EO/US

**COVER SHEET FOR ASSIGNMENT
IN THE UNITED STATES ELECTED OFFICE (EO/US)
FOR INTERNATIONAL APPLICATION ENTERING NATIONAL STAGE
IN U.S. DESIGNATED OFFICE (DO/US) UNDER 35 U.S.C. 371**

IDENTIFICATION OF APPLICATION

(37 CFR 3.21 and 37 CFR 3.31(a)(4))

1. The patent application to which the attached assignment (document) refers, is identified as follows:

- a. Date of execution: February 28, 2001
- b. Name of each inventor:
 - 1: Chong Jin OON
 - 2: Gek Keow LIM
 - 3: Ai Lin LEONG
 - 4: Yi ZHAO
 - 5: Wei Ning CHEN

CERTIFICATION UNDER 37 C.F.R. 1.10*

(Express Mail label number is **mandatory**.)

(Express Mail certification is optional.)

I hereby certify that this Cover Sheet for Assignment (Document) Accompanying international Application Entering National Phase", along with any document referred to, is being deposited with the United States Postal Service on this date July 10, 2001 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL728213866US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

JENNIFER RASHKIN

(type or print name of person mailing paper)

Jennifer Rashkin
Signature of person mailing paper

WARNING:

Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

WARNING:

Each paper or fee filed by "Express Mail" **must** have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Cover Sheet for Assignment In the United States Elected Office (EO/US) for international Application Entering National Stage under 35 USC 371--page 1 of 5) **13-21**

PATENT
REEL: 012094 FRAME: 0234

- c. Title of invention: A VACCINE-INDUCED HEPATITIS B VIRAL STRAIN
AND USES THEREOF

NOTE: See 37 CFR 3.21.

NAME OF PARTY(IES) CONVEYING INTEREST
(37 CFR 3.31(a)(1))

2. The party(ies) conveying this interest is (are):

Name 1: Chong Jin OON
Name 2: Gek Keow LIM
Name 3: Ai Lin LEONG
Name 4: Yi ZHAO
Name 5: Wei Ning CHEN

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST
(37 CFR 3.31(a)(2))

3. The rights are being conveyed to:

Name: Government of Republic of Singapore
Address: Ministry of Health, College of Medicine Building
18 College Road, Singapore 169854

Telephone No.: ()

DESCRIPTION OF INTEREST CONVEYED OR TRANSACTION RECORDED
(37 CFR 3.31(a)(3))

4. The accompanying document intends to accomplish:

☒ an assignment.
☐ a security agreement.
☐ a license.
☐ a merger.
☐ a change of name.
☐ a change of address.
☐ other.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
SHOULD BE MAILED (37 CFR 3.31(a)(5))**

5. Please address correspondence to:

Name: Clifford J. Mass
Address: c/o Ladas & Parry
26 West 61st Street
New York, New York 10023
Telephone No.: (212) 708-1890

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 CFR 3.31(a)(7))

6. A. ☒ The attached assignment (document) was executed on February 28, 2001
Date

OR *If there is more than one conveying party who executed on different dates, indicate the date of execution of the assignment document for each conveying party.*

B. ☐ The attached assignment was executed by _____
Name
on _____ .
Date

☐ The attached assignment was executed by _____
Name
on _____ .
Date

☐ The attached assignment was executed by _____
Name
on _____ .
Date

☐ The attached assignment was executed by _____
Name
on _____ .
Date

☐ The attached assignment was executed by _____
Name
on _____ .
Date

☐ The attached assignment was executed by _____
Name
on _____ .
Date

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: The Office will accept and record non-English language documents only if accompanied by a verified English translation signed by the individual making the translation.. 37 CFR 3.26.

The attached document:

☒ is in the English language.

☐ is not in the English language. A verified English translation signed by the individual making the translation is attached.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8 1/2 x 14 inches) with a 2.5 cm. (one inch) margin on all sides." 37 CFR 3.24.

7. Submitted herewith is:

☒ the original document.

☐ a true copy of the original document.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76 at 67.

NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET AND THE FEE (37 CFR 3.31(a)(6))

8. A. This cover sheet identifies only one application:

B. The fee for recordal (37 CFR 1.21(h)) is \$40.00.

☒ Attached is a check for \$40.00.

☐ Please charge Account _____ \$40.00.

☐ A duplicate of this cover sheet is attached.

07/13/2001 MNGUYEN 00000107 09719533

03 FC:581 40.00 OF

STATEMENT (37 CFR 3.31(a)(9)) AND SIGNATURE (37 CFR 3.31(a)(10))

9. 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.

NOTE: "The term 'party' as used in this rule [§ 3.31] means the person whose name appears on the documents to be recorded, that person's attorney or registered agent, or a corporate officer where a corporation's name appears on the document" Notice of June 24, 1992, 1140 O.G. 63-76, at 65.

Date: July 10, 2001

Name of party submitting document

Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

SIGNATURE OF PRACTITIONER

Clifford J. Mass

(type or print name of practitioner)

Reg. No. 30,086

Tel. No.: (212) 708-1890

Customer No.

P.O. Address

c/o Ladas & Parry
26 West 61st Street
New York, N.Y. 10023

TOTAL NUMBER OF PAGES BEING SUBMITTED

10. The total number of pages being submitted, including cover sheet attachment(s), and documents are:

8
Total number of pages submitted

For: ☐ U.S. and/or ☐ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

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

ASSIGNORS (Inventors):Chong Jin Oon*(type or print name of inventors)*14A Princess of Wales RoadSingapore 266914AddressSingaporeanNationalityGek Keow Lim16 Telok Kurau, Lorong GSingapore 426180AddressSingaporeanNationalityAi Lin LeongBlock 263 Yishun Street 22 #12-161Singapore 760263AddressSingaporeanNationalityYi ZhaoBlock 345, #12-270 Bukit Batok Street 34Singapore 650345AddressSingaporeanNationalityWei Ning ChenBlock 104, #22-114 Spottiswoode Park RoadSingapore 080104AddressSingaporeanNationality

*(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

ASSIGNEE

Government of Republic of Singapore

(type or print name of ASSIGNEE)

Singaporean

Nationality

Ministry of Health, College of Medicine Building

Address

18 College Road, Singapore 169854

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) interest
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- ☐ 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:

A VACCINE-INDUCED HEPATITIS B VIRAL STRAIN AND USES THEREOF

Name of inventor(s) Chong Jin Oon, Gek Keow Lim, Ai Lin Leong, Yi Zhao, Wei Ning

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

and which is found in (37 C.F.R. § 3.21)

- (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-entitled invention.
 ☐ Express mail label no.: _____
 Mailed: _____
 ☐ To comply with 37 C.F.R. 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 no. 09/719,533
 filed on December 13, 2000
(e) ☒ International application no. PCT/SG98/00045
(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.

(also check (g), if foreign application(s) is also being assigned)

- (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 reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance

(Assignment of Invention—Multiple Inventors—page 2 of 3) 16-3.2

PATENT
REEL: 012094 FRAME: 0240

has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE 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 ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its 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, We have hereunto set hand and seal

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

Chong Jin Oon

(type name of Assignor)

(X)

Signature of ASSIGNOR

this (X)

date of signing

28th Feb. 2001.

Gek Keow Lim

(type name of Assignor)

(X)

Signature of ASSIGNOR

this (X)

date of signing

28th Feb 2001

Ai Lin Leong

(type name of Assignor)

(X)

Signature of ASSIGNOR

this (X)

date of signing

28 Feb 2001

Yi Zhao

(type name of Assignor)

(X)

Signature of ASSIGNOR

this (X)

date of signing

28 Feb 2001

Wei Ning Chen

(type name of Assignor)

(X)

Signature of ASSIGNOR

this (X)

date of signing

Feb 28, 2001

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

[] Notarization or Legalization Page Added.