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To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the address(es) below..

1. Name of conveying party(ies)/Execution Date(s):

Prabakaran MOOKKAN
Nayana Prabhu PADUBIDHRI
Sumathy VELUMANI
Hwei-Sing Jimmy KWANG

Execution Date(s): 9/27/10, 10/25/10, 9/27/10,
9/27/10

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

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

NAME: Temasek Life Sciences
Laboratory Limited

ADDRESS: 1 Research Link
National University of Singapore
Singapore 117604
Singapore

3. Name of Conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

Additional name(s) & addresses(es) attached?
 Yes No

4. Application number(s) or patent number(s): This document is being filed together with a new application

A. Patent Application No.(s)

12/865,543

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jeffrey L. Ihnen
Address: Rothwell, Figg, Ernst & Manbeck
Suite 800
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City: Washington,
State: D.C. Zip: 20005
Telephone No.: 202/783-6040
Facsimile No.: 202/783-6031
Attorney Docket No.: 2577-185

6. Total number of applications
and patents involved: One

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

- Enclosed
 Authorized to be charged to deposit account
 None required (government interest not affecting title)

8. Deposit account number: 02-2135
Authorized User Name Jeffrey L. Ihnen

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9. Signature.


Signature

26 October 2010
Date

Jeffrey L. Ihnen
Name of Person Signing

Total number of pages including cover sheet, attachments and documents: 3

CH \$40.00 022135 12865543

Attorney Docket No. 2577-185

Rothwell, Figg, Ernst & Manbeck, P.C.

**ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION
FOR THE UNITED STATES OF AMERICA**

IN CONSIDERATION of good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S))
by

Name: Temasek Life Sciences Laboratory Limited
Address: 1 Research Link, National University of Singapore, Singapore 117604 Singapore

(hereinafter ASSIGNEE), the receipt and adequacy of which hereby acknowledged, ASSIGNOR(S) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled: BINDING PROTEIN AND EPITOPE-BLOCKING ELISA FOR THE UNIVERSAL DETECTION OF H5-SUBTYPE INFLUENZA VIRUSES for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application is identified herein and/or is further identified as follows

PCT Application No. PCT/SG2008/000043, Filed February 5, 2008 and assigned U.S. Serial No.: 12/865,543
(Rothwell, Figg, Ernst & Manbeck is hereby authorized to insert the series code, serial or application number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and


ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue, reexamination or extension thereof or Letters Patent, reissue patent or reexamination certificate issued thereon, and all rights connected therewith, and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.


ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE's choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, the undersigned ASSIGNOR(S) has/ have affixed his/her signature below.

Signature:  Date: 27/09/10
Typed Name: Prabakaran MOOKKAN

Signature: _____ Date: _____
Typed Name: Nayana Prabhu PADUBIDHRI

Signature:  Date: 27/9/10
Typed Name: Sumathy VELJUMANI

Signature:  Date: 27/9/10
Typed Name: Hwei-Sing Jimmy KWANG

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Attorney Docket No. 2577-185

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PCT Application No. PCT/SG2008/000043, Filed February 5, 2008 and assigned U.S. Serial No.: 12/865,543
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and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue, reexamination or extension thereof or Letters Patent, reissue patent or reexamination certificate issued thereon, and all rights connected therewith, and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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IN WITNESS WHEREOF, the undersigned ASSIGNOR(S) has/ have affixed his/her signature below.

Signature: _____ Date: _____

Typed Name: Prabakaran MOOKKAN

Signature:  _____ Date: 25.10.2010

Typed Name: Nayana Prabhu PADUBIDHRI

Signature: _____ Date: _____

Typed Name: Sumathy VELUMANI

Signature: _____ Date: _____

Typed Name: Hwei-Sing Jimmy KWANG

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RECORDED: 10/26/2010

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