

03-02-1999

54725-A/JPW/EMW

FORM PTO-1595 (Substitute)

RECORD

(Rev 8-96)

PAT

To the Honorable Commissioner of Patents and Trademarks

1 Name of conveying party(ies):

Denong Wang
Bernard F. Erlanger
Elvin A. Kabat

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3 Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date(s): 11/10/98, 10/16/98, and
02/18/99

4 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is(are):

A. Patent Application No.(s) 09/149,997,
filed September 9, 1998

B. Patent No.(s)

2.23-99

Additional numbers attached?

☐ Yes ☒ No

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

Name: John P. White

Internal Address:

Street Address: Cooper & Dunham LLP1185 Avenue of the AmericasCity/State/Zip: New York, New York 100366 Total number of applications and patents involved: 17. Total fee (37 CFR \$3.41): \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8 Deposit account number:

03-3125

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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

Albert Wai-Kit Chan

Name of Person Signing

Albert Wai-Kit Chan

Signature

Reg. No. 36,479February 19, 1999

Date

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington D.C. 20231

Albert Wai-Kit Chan

Albert Wai-Kit Chan

Date

Reg. No. 36,479Total Number of pages including cover sheet, attachments and document 4

The PTO did not receive the following
listed item(s) #40^{CO}

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

Mail documents to be recorded with required cover sheet information to

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

PATENT

REEL: 9785 FRAME: 0061

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, We, the undersigned,

Denong Wang, Bernard F. Erlanger, and Elvin A. Kabat residing at 238 Fort Washington Avenue, Apt 34, New York, New York 10032, U.S.A., 163-16 15th Drive Whitestone, New York 11357, U.S.A., and 140 Ter Heun Drive, Falmouth Massachusetts, 02540, U.S.A., respectively.

Hereby sell, assign and transfer to The Trustees of Columbia University in the City of New York *a corporation of the State of* New York *having a place of business at* West 116th Street and Broadway *in the County of* New York *and State of* New York 10027, U.S.A. *its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned on* 11/10/98, 10/16/98 *and is entitled* 11/12/98

T-INDEPENDENT CONJUGATE VACCINES

(U.S. Serial No. 09/149,997, filed September 9, 1998, claiming benefit of U.S. Provisional Application No. 60/058,260, filed September 9, 1997)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, their successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; 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 faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal 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.

Date: 11/10/98 19

Witness: Marietta Bell

Marietta Bell
900 Baychester Ave #22F
Bronx, NY 10475

Date: 10/16/ 1998

Witness: QINYE DONG

QINYE DONG
150 Claremont Ave. 6-G
New York, NY 10027

D. N. Wang [L.S.]
Denong Wang

Bernard F. Erlanger [L.S.]
Bernard F. Erlanger

Elvin A. Kabat

[L.S.]

Elvin A. Kabat

Date: Feb. 18, 1999 19

Witness: Margaret M. Corriveau
MARGARET M. CORRIVEAU
29 Shaume Rd.
North Falmouth MA 02556

Date: _____ 19

Witness: _____

Date: _____ 19

Witness: _____

 [L.S.]

 [L.S.]