

Form PTO-1595 (Rev. 08/08)
OMB No. 0651-0027 (exp. 9/30/2008)

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1. Name of conveying party(ies)

NMK Research, LLC

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1/22/2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Nelson M. Karp, M.D.

Internal Address: _____

Street Address: 4837 Kempsville Greens Parkway

City: Virginia Beach

State: Virginia

Country: USA Zip 23462

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/971,229
PCT/US2004/035212

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kelly Hollowell

Internal Address: _____

Street Address: 222 Central Park Avenue

Suite 1700

City: Virginia Beach

State: Virginia Zip 23462

Phone Number: 757-499-8800

Fax Number: 757-473-0395

Email Address: khollowell@williamsmullen.com

6. Total number of applications and patents involved: _____

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 80.00

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

8. Payment Information

Deposit Account Number 500766

Authorized User Name Kelly Hollowell

9. Signature:

Kelly Hollowell
Signature

January 26, 2009
Date

Kelly Hollowell

Name of Person Signing

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

6

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PATENT
REEL: 022160 FRAME: 0620

CH \$80.00 500766 10971229

034698.0011

ASSIGNMENT OF PATENT(S) and PATENT APPLICATIONS

WHEREAS, the undersigned, to wit, NMK Research, LLC, duly organized and validly existing under the laws of Virginia with a principal address of 4837 Kempsville Greens Parkway, Virginia Beach, Virginia 23462 (hereinafter referred to as "ASSIGNOR"), owns rights in applications for patents and has been granted patents as identified herein:

X U.S. patent application filed in the United States Patent and Trademark Office on October 22, 2004 titled Immunogenic composition and method of developing a vaccine based on portions of the HIV matrix protein, and given serial number 10/971,229;

X U.S. PCT application filed on October 25, 2004 and given International Application Number PCT/US2004/035212 and for any filed national phase applications based thereon.

AND WHEREAS, Nelson M. Karp, M.D. (hereinafter referred to as "ASSIGNEE"), the sole inventor, with a principal address of 4837 Kempsville Greens Parkway, Virginia Beach, Virginia 23462, is desirous of acquiring the entire right, title, and interest in and to the invention(s), and in and to the said application(s), Patent(s) and any other Patent(s) that may issue thereon;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE, its successors, assigns and legal representatives, all of its right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in applications and patents identified herein and in and to all divisional, continuation, continuation-in-part, 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 applications; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

ASSIGNOR further authorizes and requests the Commissioner of Patents of the United States to issue to said ASSIGNEE, the inventor above named, its 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 applications;

ASSIGNOR further agrees 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 patent applications identified herein 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;

ASSIGNOR further authorizes and requests all appropriate national or regional patent offices and the international bureau of the PCT to transfer ownership name of the aforesaid patent application(s) to ASSIGNEE;

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives;

ASSIGNOR hereby further agree to communicate with the ASSIGNEE, or its successors, assigns and legal representatives, any facts known to ASSIGNORS respecting any improvements; and, at the expense of the ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in the ASSIGNEE and to aid the ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for the inventions and improvements in all countries;

ASSIGNOR hereby grant the firm of WILLIAMS MULLEN, PC its agents the power to insert on this assignment any further identification, including but not limited to application numbers and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark Office or other country or regional patent office for the purposes of recording this document.

Executed on the date(s) below indicated:

Nelson M. Karp
Nelson M. Karp, M.D.
Managing Member
NMK Research, LLC

Date

1/22/09

STATE OF

Virginia

CITY/COUNTY OF

Virginia Beach

The foregoing instrument was acknowledged before me,
Judy M. Bellamy Notary Public, this 22nd day of January,
2009, by Nelson M. Karp [signatory], who is personally known
to me. Nelson M. Karp [signatory] voluntarily acknowledged this.

Judy M. Bellamy
Notary Public

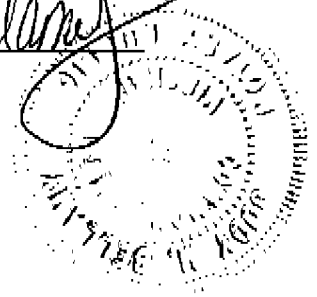
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08/31/2011

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PTO/SB/97 (12-05)

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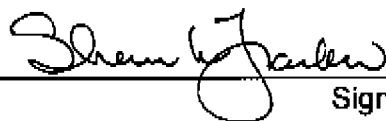
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PATENT
REEL: 022160 FRAME: 0624



WILLIAMS MULLEN

Fax Cover Sheet

DATE: January 26, 2009
TO: Commissioner for Patents
FAX #: 571-273-0140
FROM: Sharon L. Jackson for Kelly J. Hollowell
DIRECT DIAL #: 757-473-5357
NUMBER OF PAGES
(including coversheet): 6

MESSAGE: Enclosed is a Recordation Form Cover Sheet and Assignment of Application to be recorded.

Thank you

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