

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael R. Boyd	12/05/2006
Toshiyuki Mori	12/07/2006
Barry R. O'Keefe	12/05/2006
RECEIVING PARTY DATA	
Name:	Government of the United States of America, represented by the Secretary, Department of Health and Human Services
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Internal Address:	Office of Technology Transfer
City:	Rockville
State/Country:	MARYLAND
Postal Code:	20852
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11569813
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NAME OF SUBMITTER:	John Kilyk, Jr.

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REEL: 018610 FRAME: 0362

Total Attachments: 4

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Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
180 N. Stetson Avenue
Chicago, Illinois 60601-6780

ASSIGNMENT

WHEREAS, WE, Michael R. Boyd, Toshiyuki Mori, and Barry R. O'Keefe, employees of the Department of Health and Human Services, have invented a certain invention entitled:

**GRIFFITHSIN, GLYCOSYLATION-RESISTANT GRIFFITHSIN,
AND RELATED CONJUGATES, COMPOSITIONS, NUCLEIC ACIDS,
VECTORS, HOST CELLS, METHODS OF PRODUCTION AND METHODS OF USE**

for which invention we have executed an application (non-provisional) for a U.S. patent, which was filed on November 30, 2006, under U.S. Application No. 11/569,813, and

WHEREAS, the conditions under which said invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest herein, both domestic and foreign; and

WHEREAS, the Government of the United States of America (hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee, represented by the Secretary, Department of Health and Human Services, the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute and deliver such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date December 5, 2006 Michael R. Boyd
Michael R. Boyd

STATE OF Alabama)
COUNTY OF Mobile }

On this 5th day of December, 2006, before me, a Notary Public in and for said county, appeared Michael R. Boyd, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Michelle R. Allen
Notary Public

{SEAL}

My Commission Expires: Jan. 23, 2007

In re Appln. of Boyd et al.
U.S. Patent Application No. 11/569,813

Date Dec. 7, 2006

Toshiyuki Mori
Toshiyuki Mori

STATE OF _____)

COUNTY OF _____)

On this _____ day of _____, before me, a Notary Public in and for said county, appeared Toshiyuki Mori, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

{SEAL}

Notary Public

My Commission Expires: _____

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Date

December 5, 2006

Barry R. O'Keefe

Barry R. O'Keefe

STATE OF Maryland

COUNTY OF Fredrick

On this 5 day of December, 2006, before me, a Notary Public in and for said county, appeared Barry R. O'Keefe, who is personally known to me to be the same person whose name is subscribed to the foregoing assignment document, and acknowledged that he/she signed and delivered the document as his/her free and voluntary act for the uses and purposes therein set forth.

Liam McKeen

Notary Public

{SEAL}

My Commission Expires: 11/22/08

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