

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to Serial No. 09/397,292 previously recorded on Reel 012564, Frame 0800.

CONVEYING PARTY DATA

Name	Execution Date
Serge L. Beaucage	01/16/2002
Andrzej Wilk	01/16/2002
Andrzej Grajkowski	01/16/2002

RECEIVING PARTY DATA

Name:	Government of the United States of America, represented by the Secretary, Department of Health and Human Services
Street Address:	6011 Executive Boulevard, Suite 325
Internal Address:	Office of Technology Transfer
City:	Rockville
State/Country:	MARYLAND
Postal Code:	20852

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09937292

CORRESPONDENCE DATA

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NAME OF SUBMITTER:

John Kilyk, Jr.

Total Attachments: 4

PATENT

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REEL: 016465 FRAME: 0814

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

ASSIGNMENT

WHEREAS, WE, Serge L. Beaucage, Andrzej Wilk and Andrzej Grajkowski, employees of the Department of Health and Human Services, have invented a certain invention entitled:

N-ACYLPHOSPHORAMIDITES AND THEIR USE IN OLIGONUCLEOTIDE SYNTHESIS

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on September 24, 2001, under U.S. Application No. 09/937,292, 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 Jan. 16, 2002

Serge L. Beaucage
Serge L. Beaucage

STATE OF Maryland)
COUNTY OF Montgomery) SS:

On this 16th day of January, 2002, before me, a Notary Public in and for said county, appeared Serge L. Beaucage, 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}

[Signature]
Notary Public
My Commission Expires: 8/1/04

Date 01/16/02

Andrzej Wilk
Andrzej Wilk

STATE OF Maryland)

COUNTY OF Montgomery)

SS:

On this 16th day of January, 2002, before me, a Notary Public in and for said county, appeared Andrzej Wilk, 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: 8/1/04

Date JAN 16, 2002

Andrzej Grajkowski
Andrzej Grajkowski

STATE OF MARYLAND)

COUNTY OF MONTGOMERY)

SS:

On this 16th day of January, 2002, before me, a Notary Public in and for said county, appeared Andrzej Grajkowski, 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: 8/1/04