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102737564

1. Total number of pages including cover sheet, attachments and document: 10

2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) Check here if additional name(s) attached

Name(s): (1) Dennis M. Klinman, (2) Rainald Zeuner, (3) Daniela Verthelyi, (3) Ihsan Gursel and (3) Mayda Gursel

Execution Date(s): (1) February 19, 2004; (2) April 8, 2004; and (3) February 26, 2004

3. Name and address of receiving party Check here if additional name(s) & address(es) are attached

Name The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services

Address National Institutes of Health
Office of Technology Transfer, Suite 325
6011 Executive Boulevard

City Rockville State/Country MD Zip 20852

4. Nature of Conveyance

Assignment Merger Security Agreement Name Change Other:

5. Total number of applications and patents involved: One

6. Total Fee Enclosed (37 C.F.R. § 3.41): \$40.00

7. Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550

8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent.

A. This document is being filed with a new application. Execution date is: _____

B. Patent Application No.(s) or Patent No.(s): PCT/US2003/024205 filed July 31, 2003

Check here if additional numbers are attached

9. Correspondent's name, address, and telephone number

Susan Alpert Siegel, Ph.D.
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
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Portland, Oregon 97204-2988
Telephone: 503-226-7391
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MAY -3 AM 7:30

10. Please return the attached postcard to confirm that these items have been received.

11. 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.*

Susan Alpert Siegel, Ph.D.

April 28, 2004

Name of Person Signing

Signature

Date

05/04/2004 ECOOPER 00000021 PCTUS2003024205

01 FC:0021

40.00 OP

cc: Client
Docketing

ASSIGNMENT

We, Dennis M. Klinman, of 2 Candlelight Court, Potomac, MD, 20854, a citizen of the United States of America, Rainald Zeuner, of Beseleralle 52, 24105 Kiel, Germany, a citizen of Germany, Daniela Verthelyi, of 11615 Regency Drive, Potomac, MD, 20854, a citizen of the United States of America, Ihsan Gursel, of 259 Congressional Lane, No. 508, Rockville, MD, 20852, a citizen of Turkey, and Mayda Gursel, of 259 Congressional Lane, No. 508, Rockville, MD, 20852, a citizen of Turkey, have invented a certain invention entitled METHOD FOR TREATING INFLAMMATORY ARTHROPATHIES WITH SUPPRESSORS OF CPG OLIGONUCLEOTIDES for which the following patent applications have been filed:

U.S. Provisional Patent Application No. 60/400,826, filed on August 1, 2002;
U.S. Provisional Patent Application No. 60/401,631, filed on August 6, 2002; and
PCT Application No. PCT/US2003/024205 filed on July 31, 2003;

all of which applications are collectively referred to herein as "the patent applications."

We were employed by the Department of Health and Human Services at the time the invention was made. The conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, we the undersigned, have sold, assigned, and transferred and do sell, assign, and transfer to The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and successors and assigns, the full and exclusive right, title, and interest in the patent applications and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof; and the right to claim priority from the patent applications as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

We authorize and request the issuance of said Letters Patent to THE GOVERNMENT as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

We warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest herein conveyed at the time of the execution of the present assignment.

We also agree upon reasonable request to communicate to THE GOVERNMENT, its representatives, assigns or agents, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

WDN/SAS:gtc 4239-66339 E-154-2002/O-PCT-02 02/10/04

ASSIGNMENT

We, Dennis M. Klinman, of 2 Candlelight Court, Potomac, MD, 20854, a citizen of the United States of America, Rainald Zeuner, of Beseleralle 52, 24105 Kiel, Germany, a citizen of Germany, Daniela Verthelyi, of 11615 Regency Drive, Potomac, MD, 20854, a citizen of the United States of America, Ihsan Gursel, of 259 Congressional Lane, No. 508, Rockville, MD, 20852, a citizen of Turkey, and Mayda Gursel, of 259 Congressional Lane, No. 508, Rockville, MD, 20852, a citizen of Turkey, have invented a certain invention entitled METHOD FOR TREATING INFLAMMATORY ARTHROPATHIES WITH SUPPRESSORS OF CPG OLIGONUCLEOTIDES for which the following patent applications have been filed:

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PCT Application No. PCT/US2003/024205 filed on July 31, 2003;

all of which applications are collectively referred to herein as "the patent applications."

We were employed by the Department of Health and Human Services at the time the invention was made. The conditions under which said invention was made are such as to entitle the Government of the United States of America under Paragraph 1(a) of Executive Order 10096, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

In consideration of our obligations under Executive Order 10096, and other valuable consideration, we the undersigned, have sold, assigned, and transferred and do sell, assign, and transfer to The Government of the United States of America as represented by the Secretary of the Department of Health and Human Services (hereinafter THE GOVERNMENT), and successors and assigns, the full and exclusive right, title, and interest in the patent applications and invention throughout the United States of America, its territories and dependencies, and all other countries. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof; and the right to claim priority from the patent applications as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

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We also agree upon reasonable request to communicate to THE GOVERNMENT, its representatives, assigns or agents, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid THE GOVERNMENT and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

ASSIGNMENT - Page 1 of 4

WDN/SAS:gte 4239-66339 E-154-2002/0-PCT-02 02/10/04

Dated: _____

Daniela Verthelyi

STATE OF _____)

) ss.

COUNTY OF _____)

This ___ day of _____, _____, before me personally came the above-named Daniela Verthelyi, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for _____
My commission expires:

[SEAL]

Dated: _____

Ihsan Gursel

STATE OF _____)

) ss.

COUNTY OF _____)

This ___ day of _____, _____, before me personally came the above-named Ihsan Gursel, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for _____
My commission expires:

[SEAL]

WJN/SAS:gtc 4239-66339 E-154-2002/0-PCT-02 02/10/04

Dated: _____

Mayda Gursel

STATE OF _____)

) ss.

COUNTY OF _____)

This ___ day of _____, _____, before me personally came the above-named Mayda Gursel, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for _____
My commission expires:

[SEAL]