Docket No.: 2316.1002-000

RECORDATION FORM COVER SHEET PATENTS ONLY

| To the Director of the U.S. Patent and Trademark Office | ee: Please record the attached original documents or copy thereof |
|---|--|
| Name of conveying party(ies) | Name and address of receiving party(ies) |
| Austrian Nordic Biotherapeutics AG | Name GSF-Forschung-zentrum fuer Umweit und Gesundheit GmbH |
| | Internal Address: |
| | |
| Additional name(s) of conveying party(ics) attached? [] Yes [X] No | |
| Nature of conveyance: | Street Address - Ingolstadter Landstrasse 1 |
| [X] Assignment [] Merger | |
| [] Security Agreement [] Change of Name | City: Neuherberg State. GERMANY 21P: D-85764 |
| [] Other | |
| Execution Date: Conveying Party: August 11, 2003 Receiving Party: August 27, 2003 | Additional name(s) & address(es) attached? [] Yes [X] No |
| ARRAM LIND & MIT | |
| 4 Application number(s) or patent number(s): | |
| If this document is being filed together with a new application, | the execution date of the application is: |
| A Parent Application No (s) | B. Patent No.(s) |
| 08/925,214 (see Schedule A) | |
| | |
| | |
| Additional number correspondence | bers attached? [Yes [X] No G Total number of applications and patents involved: []] |
| 5 Name and address of party to whom correspondence concerning document should be mailed: | d total tratimer of applications and barents managed. [1] |
| Name Anne J Collins | 7. Total Fee (37 C F R. 3.41) \$ 40 00 |
| Internal Address: Hamilton, Brook, Smith & Reynolds, P C | [] Enclosed |
| | [X] Authorized to charge any deficiencies or credit any overpayment to deposit account |
| Street Address: 530 Virginia Road, P.O. Box 9133 | [X] Authorization to charge deposit account number 08-0380 |
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| document. | W. J. Collins January 16 2014 |
| Anne J. Collins Name of Person Signing | ASTRATUTE Date Date |
| Harry At a crade deStreet | A |
| m 1 1 2 | source short attachments and document. [1] |

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

PATENT

Docket Nos. 2316.1002-000; 2316.1003-000: 2316.1004-000: 2316.1007-000 and 2316.1008-000

ASSIGNMENT OF UNITED STATES PATENTS AND PATENT APPLICATIONS

Whereas, Austrian Nordic Biotherapeutics AG, a corporation existing under the laws of the country of AUSTRIA, having a place of business in Veterinaerplatz 1, A-1210 Vienna, AUSTRIA (hereinafter "Assignor") an owner of a certain entire right, title and interest in and to the United States Letters Patents and Patent Applications described in Schedule A attached hereto and made a part hereof (hereinafter "Patents") as set forth in the Assignment recorded on November 2, 2000, Reel 011231, Frames 0589-0594; and

Whereas, GSF-Forschungszentrum fuer Umwelt und Gesundheit GmbH, a corporation existing under the laws of the country of GERMANY, having a place of business in Ingolstädter Landstrasse 1, D-85764 Neuherberg, GERMANY (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer Assignor's entire right, title and interest in and to the Patents and all reissues and extensions thereof, including all claims, if any, which may have arisen for infringement of the patents prior to the date of this assignment, all said rights to be held and enjoyed by the Assignee for its own use and for the use of its successors, assigns or other legal representatives, to the full end of the term for which the Patents have been or will be granted, extended or reissued, as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment and sale had not been made.

Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of Assignce, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, or reissuing the Patents, and for maintaining and perfecting Assignee's right to the Patents.

PATENT REEL: 014266 FRAME: 0788 -2-

IN WITNESS WHEREOF, Assignor has caused these presents to be signed by its duly authorized officer below named effective as of the date written below.

| ACCEPTED B | Y: gszentrum Fuer Umwelt und Gcsundhe | it GmbH | |
|-------------------------------|--|-------------------------|------------------------------------|
| By: | New Chel i.A. Dr. J.K. Ge | _ | |
| Head of the Le Tildelter o | egal Dept. Manager of Patents der Rechtsabteilung Patente | and Technol und Tech | .ogy nologietransfer |
| Date: <u>27.</u> | August 2003 27 August 2003 | | |
| | A. Lasence Syndikus ulid Rechtsanwalt - Attorney Ingolstaedter Landstrasse 1 | Datc: | 27. August 2003 17. August 2003 |
| | dic Biotherapeutics AG | | |
| By: | Name | | |
| | Ec Vorstand | | |
| Date: | Aug - 1 203 | | |
| Witness: | Dars Villumsen Advokat/Attorney-at-law DK- 2720 Van Lose | Date: _ | 1/8-03 |
| | | | |

GUTTINGE ODMARIODMA MAILECALITON

-3-

SCHEDULE A

UNITED STATES PATENTS

| FILE NUMBER | PATENT NO. | ISSUE DATE | TITLE | |
|----------------------------|------------|--------------------|----------------------------------|----|
| 316.1004-000 3SF97-04A) | 6,117,681 | September 12, 2000 | Pseudotyped Retroviral Particles | S) |

UNITED STATES PATENT APPLICATIONS

| FILE NUMBER | SERIAL NO. | FILING DATE | TITLE |
|-------------------------------------|------------|-------------------|--|
| B16.1002-000 GSF97-02A) | 08/925,214 | September 8, 1997 | Vectors That Repress Heterologous Promoter Activity |
| B16.1003-000 GSF07-03A) | 08/999,690 | September 8, 1997 | Vectors Carrying Therapeutic Genes Encoding Antimicrobial Peptides For Gene Therapy |
| B16.1007-000 GSF98-01A) | 09/035,596 | March 5, 1998 | The Use of the WAP or MMTV Regulatory Sequences For Targeted Expression of Linked Heterologous Genes in Human Mammary Cells, Including Human Mammary Carcinoma Cells |
| 2 316.1008-000 GSF98-02A) | 09/058,546 | April 10, 1998 | Retroviral Vectors Carrying Senescent Cell Derived Inhibitors 1 (SDI-1) or Antisense SDI-1 Nucleotide Sequences |

PATENT RECORDED: 01/16/2004 REEL: 014266 FRAME: 0790