

05-11-2001



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FORM PTO-1595

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

Attorney Ref. No. 97,216-L

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

| | |
|--|---|
| 1. Name of conveying parties: Ralph Dornburg Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Name and address of receiving party(ies) Name: Thomas Jefferson University c/o Office of Legal Management Patent and Licensing Department Street Address: 1020 Walnut Street, Suite 630 City: Philadelphia State: PA Zip: 19107 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other : _____ Execution Date: May 1, 2001 | |
| 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. Patent Application No.(s) 09/135,121 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Emily Miao Company Name: McDonnell, Boehnen, Hulbert & Berghoff Street Address: 300 South Wacker Drive, Suite 3200 City: Chicago State: IL ZIP: 60606 | 6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41).....\$40.00 <input type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 13-2490 |
| 05/11/2001 101712 0000003P 0910121 09/135,121 <div style="text-align: center;">DO NOT USE THIS SPACE</div> | |
| 9. Statement and signature. <i>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.</i> <div style="display: flex; justify-content: space-between;"> <div> Emily Miao Printed Name of Person Signing </div> <div style="text-align: center;"> Signature </div> <div> Date: May 3, 2001 </div> </div> <div style="text-align: center; margin-top: 10px;"> Total number of pages including cover sheet, attachments, and document: 3 </div> | |

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

PATENT
REEL: 011776 FRAME: 0216

ASSIGNMENT

Case No.: 97,216-L
Inventor: **Ralph C. Dornburg**
Date of Execution
of Application: Sept. 30, 1998

Serial No.: 09/135,121
Filing Date: Aug. 17, 1998

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

THOMAS JEFFERSON UNIVERSITY

its successors and assigns, the entire right, title and interest in the invention of the undersigned disclosed in an application for Letters Patent of the United States, as well as any continuation, divisional, or foreign counterpart thereof, entitled:

**CELL TYPE SPECIFIC GENE TRANSFER USING RETROVIRAL VECTORS
CONTAINING ANTIBODY-ENVELOPE FUSION PROTEINS AND
WILD-TYPE ENVELOPE FUSION PROTEINS**

and identified as:

Case No. 97,216-L

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF and in said application and any and all other continuation and divisional applications, both United States and foreign, which the undersigned may file on said invention, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.


The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further

warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 1st day of May, 2001.


Ralph C. Dornburg

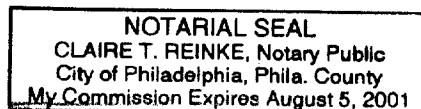
State of:

County of:

The foregoing instrument was acknowledged before me this 1st day of

May, 2001 by Ralph C. Dornburg.


NOTARY PUBLIC



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