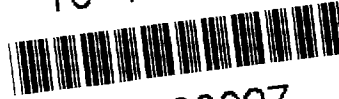


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10-18-2000



101490027



Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

Attorney Docket No. 4115-109 CIP

1. A. Name of conveying party(ies):
 Alfredo Garzino-Demo
 Anthony L. DeVico

B. Additional name(s) of conveying party(ies) attached? Yes No

10-10-00

2. A. Name and address of receiving party(ies):
 University of Maryland Biotechnology Institute
 701 E. Pratt Street
 Suite 200
 Baltimore, Maryland 21202

B. Additional name(s) & address(es) attached?
 Yes No

3. A. Nature of conveyance:
 Assignment Merger Security Agreement Change of Name
 Other: _____

B. Execution Date: October 5, 2000 (ALDV) and October 6, 2000 (AG-D)

4. A. If this document is being filed together with a new application, the execution date of the application is:

B. Patent Application No.(s)
 09/591,992 filed June 12, 2000

C. Patent No.(s)

D. Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Steven J. Hultquist
 Address: Intellectual Property/Technology Law
 P.O. Box 14329
 Research Triangle Park, NC 27709

7. A. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed (Check No. _____) (Included in amount of enclosed check)
 Authorized to be charged to deposit account No. _____

6. Total number of applications and patents involved: 1
 MKOROMA 00000073 09591992

8. Credit any overpayment or charge any underpayment to Deposit Account Number 08-3284 of Intellectual Property/Technology Law.

DO NOT USE THIS SPACE

9. 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.

Steven J. Hultquist
 Registration No. 28,021

Date: October 9, 2000

Total number of pages including cover sheet, attachments, and document: 3

10/16/2000
02 FC:581

ASSIGNMENT

Alfredo Garzino-Demo and Anthony DeVico have made an invention described in U.S. Application No. 09/591,992 filed June 12, 2000 in the United States Patent and Trademark Office entitled:

IMMUNO-MODULATING EFFECTS OF CHEMOKINES IN DNA VACCINATION

We, **Alfredo Garzino-Demo and Anthony DeVico** hereby assign to University of Maryland Biotechnology Institute, a research institute established by the University System of Maryland, 701 E. Pratt Street, Suite 200, Baltimore, Maryland 21202, all of our ownership and rights in:

- (i) the invention and U.S. Patent Application;
- (ii) U.S. Patents on the invention; and
- (iii) corresponding foreign patent applications and patents.

We are making this assignment based on our employment relationship with University of Maryland Biotechnology Institute, 701 E. Pratt Street, Suite 200, Baltimore, Maryland 21202.

We request the Commissioner of Patents and Trademarks of the United States and the appropriate officers of all foreign countries to issue patents on the invention to:

University of Maryland Biotechnology Institute

as owners of the invention and aforementioned patent rights.

We agree to execute any other legal documents that may be required to effectuate this Assignment.

We agree that we will promptly communicate to University of Maryland Biotechnology Institute, all facts which come to our attention affecting the invention or patent rights.

We agree that we will testify in any interference or litigation involving the invention or patent rights.

We declare that we have not done anything in conflict with this Assignment.

Alfredo Garzino-Demo
Inventor's Signature

10/6/00
Date

Inventor's name: Alfredo Garzino-Demo

Alfredo Garzino-Demo appeared before me on 6th day of Oct, 2000. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntarily.

State of Maryland
County of Baltimore City

(SEAL)

Robert Jenkins
Notary Public

My commission expires: 3.10.01

Anthony L. DeVico
Inventor's Signature

10/5/00
Date

Inventor's name: Anthony L. DeVico

Anthony L. DeVico appeared before me on 5th of Oct, 2000. He declared to me that he is the person described in this Assignment. He executed this Assignment before me, and declared that his execution was completely voluntarily.

State of Maryland
County of Baltimore City

(SEAL)

Cindy Aughitta
Notary Public

My commission expires: 5/26/04