

ASSIGNMENT RECORDATION FORM COVER SHEET Patents Only

To: Commissioner for Patents:

Date: November 3, 2004
Attorney Docket No. 5405-304

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- [1.] Salvatore V. Pizzo
- [2.] Justin P. Hart
- [3.] James B. McLachlan
- [4.] Hermann F. Staats
- [5.] Soman N. Abraham

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

2. Name and address of receiving party(ies):

Duke University
Erwin Road
Durham, NC

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other

Execution Date:
[1.] September 15, 2004 [2.] September 14, 2004 [3.]
September 15, 2004 [4.] September 20, 2004 [5.] September
16, 2004

4. Application Serial No. 10/817,023 Patent No. _____

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

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Kenneth D. Sibley
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

6. Total number of applications and patents involved: 1

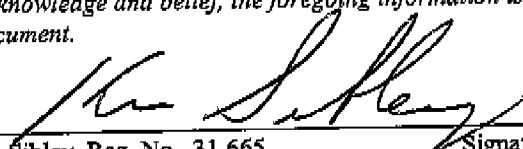
7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 50-0220

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.




Kenneth D. Sibley, Reg. No., 31,665 Signature

November 3, 2004
Date

Total number of pages including cover sheet, attachments and document: 7

CERTIFICATION OF FACSIMILE TRANSMISSION
UNDER 37 CFR § 1.8

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office via facsimile number 703-306-5995 on November 3, 2004.



Evelyn Casey

CH \$40.00 500220 10817023

Attorney Docket No. 5405-304

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Salvatore V. Pizzo**, a citizen of the United States of America, residing at 10009 Stallion Way, Bahama, North Carolina 27503; **Justin P. Hart**, a citizen of the United States of America, residing at 1110 Oakland Avenue, Durham, North Carolina 27705; **James B. McLachlan**, a citizen of the United States of America, residing at 8605 Stanton Place, Raleigh, North Carolina 27615; **Herman F. Staats**, a citizen of the United States of America, residing at 312 Jericho Road, Hillsborough, North Carolina 27278; and **Soman N. Abraham**, a citizen of the United States of America, residing at 300 Englewood Drive Chapel Hill, North Carolina 27414;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in A **NOVEL ADJUVANT CAPABLE OF SPECIFICALLY ACTIVATING THE ADAPTIVE IMMUNE RESPONSE** for which an application has been filed in the United States Patent and Trademark Office under Application No.10/817,023, filed April 2, 2004; and

WHEREAS, **Duke University**, an educational institution having a principal place of business at **Erwin Road, City of Durham, County of Durham, State of North Carolina**, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said provisional application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind my heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

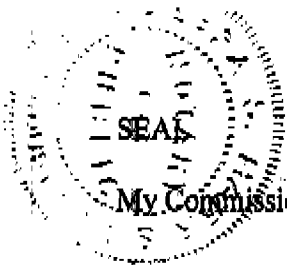
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 15 day of Sept, 2004.

Salvatore V. Pizzo (SEAL)
Salvatore V. Pizzo

STATE OF North Carolina
COUNTY OF Durham) ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 15th day of September, 2004.

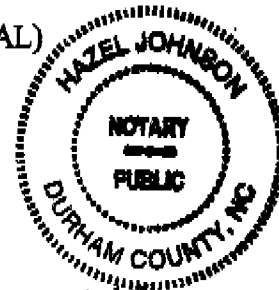
Debra A. Harris
Notary Public



My Commission Expires: 1/4/2008

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 14 day of ~~Sept~~ September 2004.

[Signature]
Justin P. Hart (SEAL)



STATE OF North Carolina
COUNTY OF Durham) ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 14 day of September, 2004.

SEAL
My Commission Expires: February 11 2009.

Hazel Johnson
Notary Public

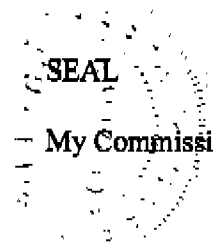
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 15 day of Sept, 2004.

James B. McLachlan (SEAL)
James B. McLachlan

STATE OF North Carolina
COUNTY OF Durham) ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 15th day of September, 2004.

Debra A Harris
Notary Public



SEAL

My Commission Expires: 1/4/2008

IN WITNESS WHEREOF I have hereunto set my hand and seal on this 20 day of Sept, 2004.

Herman F. Staats (SEAL)
Herman F. Staats

STATE OF North Carolina
COUNTY OF Duchess) ss:

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 20th day of September, 2004.

Debra A. Harris
Notary Public



My Commission Expires: 1/4/2008

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 16 day of September, 2004.

Soman N. Abraham (SEAL)
Soman N. Abraham

STATE OF North Carolina) ss:
COUNTY OF Durham)

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 16th day of September, 2004.

Debra A. Harris
Notary Public



My Commission Expires: 1/4/2008