FORM PTO-1595

1-31-92

Docket No.: RU-0064

09-06-2002

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

RECORDATION A JRM COVER SHEET PATENTS ONLY

| | ID NO: | |
|---|--|--|
| To The Honorable Commissioner of Patents and Tradem | arks. Please record the attached original document(s) or copy thereof. | |
| 1. Name of conveying party(ies): Stephen Anderson | 2. Name and address of receiving party(ies): Name: Rutgers, the State University Internal Address: Old Queens Building | |
| Additional name(s) of conveying party(ies) attached? () YES (XX) NO | Street Address: Somerset and George Streets City: New Brunswick State: New Jersey Zip:08901 | |
| 3. Nature of Conveyance: (XX) Assignment () Merger () Name Change () Security Agreement () Other: Execution date: November 2, 2001 | Additional names (s) & address attached? () YES (XX) NO | |
| 4. Application number(s) or patent number(s): A. Patent Application No(s). 09/332,886 FILED June 15, 1999 B. Patent No(s) B. Patent No(s) Additional numbers attached? () YES (XX) NO | | |
| 5. Name and address of party to whom correspondence concerning documents should be mailed: | 6. Total number of applications and patents involved: One (1) | |
| Licata & Tyrrell P.C. 66 E. Main Street Marlton, New Jersey 08053 | 7. Total fee (37 CFR 3.41): \$40.00 () Enclosed (XX) Authorized to be charged to deposit account. 8. Deposit Account number: 50-1619 (Attach duplicate copy of this page if paying by deposit | |
| | account.) | |
| | T USE THIS SPACE my knowledge and belief, the foregoing information is true and of the original document. | |
| Signature <u>Composituate</u> Aug | gust 28, 2002 | |
| Total number of pages comprising cover she | et, attachments, and document: Five | |
| Mail documents to be recorded with require 05/2002 LNUELLER 00000328 501619 09332866 mmission FC:581 40.00 CH | | |

Attorney Docket No.: RU-0064

ASSIGNMENT

WHEREAS, we, Robert A. Lazarus residing at 237 Hillcrest Blvd., Millbrae, California, Mark Hurle, residing at 2994 Eastburn Avenue, Broomall, Pennsylvania, Stephen Anderson residing at 158 Springdale Road, Princeton, New Jersey and David B. Powers residing at 740 Parnassus, Apt. #9, San Francisco, California, hereinafter referred to as the assignors, are the joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Serial No. 09/332,886, filed June 15, 1999, entitled Improvied Enzymes for the Production of 2-Keto-L-Gulonic Acid; and

WHEREAS, Rutgers, the State University hereinafter referred to as the assignee, of New Brunswick, New Jersey, a corporation of New Jersey, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said

assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

| Robert A. Lazarus | (L.S. |
|---------------------------------------|--------------------|
| THE PERSON NAMED OF PERSONS ASSESSED. | |
| Mark Hurle | (L.S. |
| - | |
| Stophen Anders | (L .s.) |
| Stephen Anderson | |
| | (L.S.) |
| David B. Powers | |

| (WHERE ALL INVENTORS SIGN BEFORE THE SAME NOTARY:) |
|---|
| COUNTY OF: |
| On this |
| Notary Public |
| [WHERE INVENTORS SIGN BEFORE SEPARATE NOTARIES:] |
| COUNTY OF: |
| On this day of, 2001, before me personally came the above named <u>Robert A. Lazarus</u> to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth. |
| Notary Public |
| COUNTY OF; |
| On this |
| Notary Public |

- 3 -

| • • |
|--|
| State of California: |
| State of California: country of San Diego: |
| On this <u>And</u> day of <u>November</u> , 2001, before me personally came the above named <u>Stephen Anderson</u> to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and NELLY M. DELMAR |
| Comm. # 1193805 NOTARY PUBLIC - CALIFORNIA San Diego County My Comm. Expires Aug. 17, 2002 |
| SS |
| COUNTY OF |
| On this |
| |
| Notary Public |
| |

- 4 -