

GW/TMH:mlb 09/26/05 03-047

Atty. Ref. No. 2815-68410-03

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1. Total number of pages including cover sheet, attachments and document: 5

2. Name of Conveying Party(ies) and Execution Date(s) of Document(s)  Check here if additional name(s) attached  
 Name(s): Kenneth W. Bayles, Toni G. Patton, and Kelly C. Rice  
 Execution Date(s): September 21, 2005

3. Name and address of receiving party  Check here if additional name(s) & address(es) are attached  
 Name Idaho Research Foundation, Inc.  
 Address 414 Morrill Hall, University of Idaho  
 City Moscow State/Country Idaho Zip 83844-3003

4. Nature of Conveyance  
 Assignment  Merger  Security Agreement  Name Change  Other:

5. Total number of applications and patents involved: One

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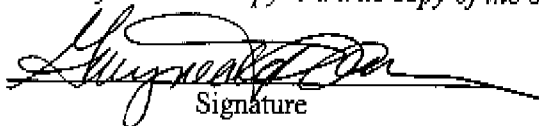
- A.  This document is being filed with a new application. Execution date is: \_\_\_\_\_  
 B.  Patent Application No.(s) or Patent No.(s): PCT/US2005/017604  
 Check here if additional numbers are attached

9. Correspondent's name, address, and telephone number

Gwynedd Warren, Ph.D.  
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10. 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.*

Gwynedd Warren, Ph.D.  
 Name of Person Signing

  
 Signature

September 26, 2005  
 Date

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 Docketing

700213424

PATENT  
 REEL: 016841 FRAME: 0246

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## A S S I G N M E N T

WHEREAS, we, Kenneth W. Bayles, of Omaha, County of Douglas, State of Nebraska, Toni G. Patton, of Omaha, County of Douglas, State of Nebraska, and Kelly C. Rice, of Omaha, County of Douglas, State of Nebraska, have invented a certain invention, entitled METHODS FOR ALTERING ACETIC ACID PRODUCTION AND ENHANCING CELL DEATH IN BACTERIA, for which PCT International Application No. PCT/US2005/017604, was filed on May 20, 2005; and

WHEREAS, Idaho Research Foundation, Inc., a corporation organized under the laws of the State of Idaho, having a place of business at 414 Morrill Hall, University of Idaho, Moscow, Idaho 83844-3003, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Kenneth W. Bayles, Toni G. Patton, and Kelly C. Rice hereby sell, assign and transfer to Idaho Research Foundation, Inc., the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Idaho Research Foundation, Inc., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Idaho Research Foundation, Inc., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Idaho Research Foundation, Inc., its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.



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TONI G. PATTON

At Omaha, NE  
(City and State)  
on this 21<sup>st</sup> day of Sept., 2005.

STATE OF NEBRASKA            )  
  )  
COUNTY OF DOUGLAS         )    ss.

This 21<sup>st</sup> day of September, 2005, before me personally came the above-named Toni G. Patton, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



  
Notary Public For Nebraska  
My commission expires:

[SEAL]

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Kelly C. Rice  
KELLY C. RICE

At Omaha, NE  
(City and State)  
on this 21 day of Sept., 2005.

STATE OF NEBRASKA            )  
  )    ss.  
COUNTY OF DOUGLAS         )

This 21 day of September 2005, before me personally came the above-named Kelly C. Rice, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Kristin A. Landis  
Notary Public For Nebraska  
My commission expires:



[SEAL]