

FORM PTO-1619A

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## Conveyance Type



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Name (line 1) California, University of

Execution Date  
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94550

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**Correspondent Name and Address**

Area Code and Telephone Number

(925) 422-4367

Name William C. Daubenspeck

Address (line 1) U.S. Department of Energy

Address (line 2) Lawrence Livermore National Laboratory

Address (line 3) P. O. Box 808 (MS L-376)

Address (line 4) Livermore, CA 94550

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 1

**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/805,726

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT  
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**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 0.00

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Deposit Account

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Janet L. Rego

Name of Person Signing

Janet L. Rego

Signature

4-9-2002

Date

CONFIRMATORY LICENSE

Title: Novel Agents For Replacement of  
NAD+NADH System in Enzymatic  
Reactions

DOE Docket No.: S-95,270  
U.S. Patent Application: S.N.: 09/805,726  
Filing Date: March 12, 2001

Inventor(s): Richard H. Fish et al.

Contractor Docket No.: IB-1618

Contract Number: DE-AC03-76SF00098

Contractor: Regents of the University of  
California

Foreign patent applications filed or intended to be filed at contractor's expense in (countries):

The Contractor certifies that a true copy of the provisions which govern patent rights in "subject inventions" under the above-identified contract is herewith submitted or has been submitted to the U.S. Department of Energy by certification dated April 2, 1999.

WHEREAS, the above-identified contract provides the Contractor with the right to elect to retain title in certain inventions and the Contractor has reported the above-identified invention as a subject invention under the contract, has elected to retain title therein, and has agreed to file a domestic patent application thereon, if not previously filed.

ACCORDINGLY, the Contractor hereby confirms that under the provisions of the above-identified contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the above-identified invention, the above-identified patent application(s), and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

The Government reserves for itself, and is hereby granted by the Contractor, the irrevocable power to inspect and make copies of the file wrapper(s) of the above-identified U.S. patent application and of any related or continuation patent application(s), whether domestic or foreign, for the above-identified invention.

It is understood and agreed that this instrument does not preclude the Government from asserting rights under the provisions of the above-identified contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

Signed on behalf of: University of California, Lawrence Berkeley National Laboratory

(Contractor)

Witness:

Sharon Kay Reineman  
(Signature)

By:

David J. Aston  
(Contractor Official's Signature)

1.14.02  
(Date)

Sharon Kay Reineman, Patent Asst.

(Name and Title)

David J. Aston, Manager

(Print/Type Contractor Official's Name and Title)

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