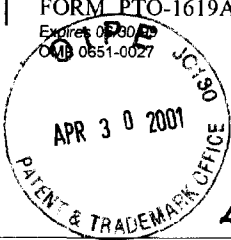


5-94184 D

FORM PTO-1619A

05-04-2001

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101701363

RECORDATION FORM COVER SHEET
PATENTS ONLY

4.30.01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

| Name | Execution Date Month Day Year |
|---|----------------------------------|
| Name (line 1) California, University of | 3/9/01 |
| Name (line 2) | |
| Second Party Name (line 1) | Execution Date Month Day Year |
| Name (line 2) | |

Receiving Party

Mark if additional names of receiving parties attached

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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

Name (line 2)

Address (line 1) P. O. Box 808 (L-376)

Address (line 2)

Address (line 3) Livermore CA 94550

City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

RECEIVED
MAY - 2 2001
OIP/E/JC/WS

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 011745 FRAME: 0001

LOR

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)

Mark if additional numbers attached

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)

| | | | | | | |
|-----------|--|--|--|--|--|--|
| 09/705471 | | | | | | |
| | | | | | | |
| | | | | | | |

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 | |
| PCT | | PCT | | PCT | |

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

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

0.00

Method of Payment:

Enclosed

Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

#

Authorization to charge additional fees:

Yes

No

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. Charges to deposit account are authorized, as indicated herein.

Janet L. Rego

Name of Person Signing

Janet L. Rego
Signature

4-25-2001

Date

CONFIRMATORY LICENSE

Title: Amplification of Chromosomal DNA in Situ
Inventor(s): Allen T. Christian et al.
Contract Number: W-7405-ENG-48
Contractor: Regents of the University of California

DOE Docket No.: S-94,184
Docket No.: IL-10611
U.S. Patent Application S.N.: 09/705,471
Filing Date: November 2, 2000
Waiver No.: W(C) 92-002-692

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 June 15, 1999.

WHEREAS, the above-identified invention is a subject invention under the above-identified contract;

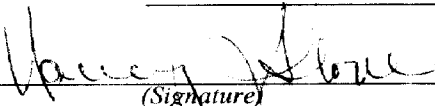
WHEREAS, the Class Waiver W(C) 92-002-692 of Government rights in certain identified inventions and the above-identified contract provides the Contractor with the right to elect to retain title in certain subject inventions and the Contractor has elected to retain title in the above-identified subject invention, EXCEPT FOR a paid-up license under the above-identified contract and the above-identified waiver, effective June 5, 2000.


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: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(Contractor)

Witness: 
(Signature)
Nancy J. Stone, Administrative Assistant
(Name and Title)

By:  3/9/01
(Contractor Official's Signature) *(Date)*
Janet G. Tulk, Laboratory Counsel
(Print/Type Contractor Official's Name and Title)

Lawrence Livermore National Laboratory
(Print/Type Contractor's Address)
P. O. Box 808, L-701
Livermore, CA 94551-0808