

FORM PTO-1619A  
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OMB 0651-0027

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S-105,628

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

Name (line 2)

Address (line 1) 1000 Independence Avenue, S.W.

Address (line 2)

Address (line 3) Washington

D.C.

20585-0162

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FORM PTO-1619B

Expires 06/30/99  
OMB 0651-0027

Page 2

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

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## Pages

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## Application Number(s) or Patent Number(s)

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Patent Application Number(s)

11/234,079

Patent Number(s)

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.

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## Number of Properties

Enter the total number of properties involved.

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Brenda K. Banks

Name of Person Signing

Signature

Date

PATENT

REEL: 017312 FRAME: 0944

11/234079

Patent Application Filed in the Name of the Contractor  
Electable (197)**CONFIRMATORY LICENSE****Title:** Assay for Vitamin B12 Absorption and Method of Making Labeled Vitamin B12**Inventors:** Peter J. Anderson, Stephen Dueker,  
Joshua W. Miller, Ralph Green, John Roth,  
Colleen Carceet, and Bruce A. Buchholz**DOE Contract No.:** W-7405-ENG-48**Contractor:** The Regents of the University of California**Contractor UC Case No:** 2005-050-2**DOE Docket No.:**

Provisional Serial No.: 60/613,172

Prov. Filing Date: 09/23/04, now  
abandoned in favor of:**U.S. Application No.:** 11/234,079**Filing Date (U.S.):** 09/23/05

Foreign Applications filed in at Contractor's expense: PCT Designating All Members

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 October 29, 1996.

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, 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, 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 this 21<sup>st</sup> day of November, 2005 On behalf of The Regents of the University of CaliforniaBy Linda S. StevensonLinda S. Stevenson, Manager of Patent Prosecution, DOE Liaison  
University of California, Office of Technology Transfer,  
1111 Franklin Street, 5<sup>th</sup> Floor, Oakland, CA 94607-5200**PATENT****RECORDED: 03/07/2006****REEL: 017312 FRAME: 0945**