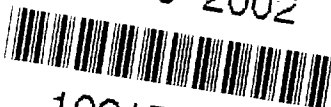




07-10-2002



RECORD 1.02150070 PATENTS UNL

SHEET

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 # \_\_\_\_\_

07/03/02

Conveyance Type

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other \_\_\_\_\_

Conveying Party(ies)

Name (line 1)	UNIVERSITY OF UTAH	<input type="checkbox"/>	Mark if additional names of conveying parties attached
Name (line 2)			Execution Date
			05-30-2002
<i>Second Party</i>			
Name (line 1)			Execution Date
Name (line 2)			
<i>Third Party</i>			
Name (line 1)			Execution Date
Name (line 2)			
<i>Fourth Party</i>			
Name (line 1)			Execution Date
Name (line 2)			
<i>Fifth Party</i>			
Name (line 1)			Execution Date
Name (line 2)			
<i>Sixth Party</i>			
Name (line 1)			Execution Date
Name (line 2)			

Receiving Party

Name (line 1) UNIVERSITY OF UTAH RESEARCH FOUNDATION  
 Name (line 2) a non-profit organization of the State of Utah  
 Address (line 1) 615 Arapeen Drive  
 Address (line 2) Suite 110  
 Address (line 3) Salt Lake City, Utah 84108

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 U.S., an appointment of domestic representative is attached.

Domestic Representative Name and Address

Enter for the First Receiving Party only.

Name:  
 Address (line 1): Rothwell, Figg, Ernst & Manbeck  
 Address (line 2): 1425 K Street, N.W.  
 Address (line 3): Suite 800  
 Address (line 4): Washington, D.C. 20005

FOR OFFICE USE ONLY

07/09/2002 TDIAZ1 00000132 10097646

01 FC:581

40.00 BP

**Correspondent Name and Address**

Area Code and Telephone Number: 202/783-6040

Name: IHNEN, Jeffrey L., Reg. No. 28,957  
Address (line 1): Rothwell, Figg, Ernst & Manbeck  
Address (line 2): 1425 K Street, N.W.  
Address (line 3): Suite 800t  
Address (line 4): Washington, D.C. 20005

**Pages** Enter the total number of pages of the attached conveyance document including any attachments # one (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): 10/097,646  
Patent Number(s):

If this document is being filed together with a new Patent Application, enter the date of the patent application was signed by the first named executing inventor.

**Patent Cooperation Treaty (PCT)**

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

**Number of Properties** Enter the total number of properties involved. # one (1)

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment:  Enclosed  Deposit Account  Credit Card  
Deposit Account  
(Enter for payment by deposit account or if additional fees can be charged to the account.)  
Deposit Account Number: 02-2135  
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.**

Jeffrey L. Ihnen \_\_\_\_\_ 03 July 2002 \_\_\_\_\_  
Name of Person Signing Signature Date  
Registration No. 28,957  
Docket No. 2323-161

## ASSIGNMENT

**WHEREAS**, the UNIVERSITY OF UTAH, a non-profit institution duly organized under the laws of the state of Utah, with a place of business at 615 Arapeen Drive, Suite 110, Salt Lake City, Utah 84108 (hereinafter referred to as "Assignor") is owner, by virtue of an assignment executed by inventors Charles B. GRISSOM, Frederick G. WEST, James McGREEVY, Joel S. BENTZ, and Michelle J. CANNON, of an invention in FLUORESCENT COBALAMINS AND USES THEREOF, for which we have executed an application for Letters Patent of the United States, serial number 10/097,646, filed 15 March 2002; and

**WHEREAS**, the UNIVERSITY OF UTAH RESEARCH FOUNDATION, a non-profit organization duly organized under the laws of the state of Utah, with a place of business at 615 Arapeen Drive, Suite 110, Salt Lake City, Utah 84108 (hereinafter referred to as "Assignee") is desirous of obtaining Assignor's entire right, title and interest in, to and under the said invention and the said application for the United States of America and all countries foreign thereto, and in and to any and all Letters Patent to be issued for said invention in the United States of America and all countries foreign thereto, including any and all continuations, divisions, reissues, or extensions, of such application or Letters Patent;

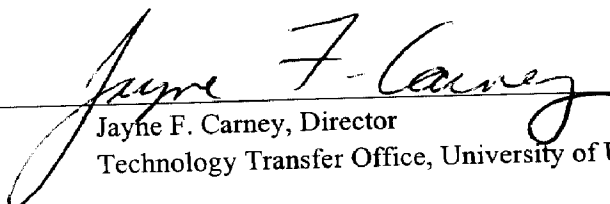
**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to it in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, its entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reexaminations, reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; and Assignor hereby authorizes and requests the Commissioner of Patents 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 all Letters Patent for said invention to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

**AND ASSIGNOR HEREBY** covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

**AND ASSIGNOR HEREBY FURTHER** covenants and agrees that it will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to it respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation and reissue applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

**IN TESTIMONY WHEREOF**, Assignor sets its hand and seal on the day and year set opposite its signature.

Date May 30, 2002

  
 Jayne F. Carney, Director  
 Technology Transfer Office, University of Utah

L.S.