FORM PTO-1619A



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Submission Type [X] New [] Resubmission (Non-Recordation) Document ID# [] Correction of PTO Error Reel # Frame #	Conveyance Type [X] Assignment [] Security Agreement [] License [] Change of Name [] Merger [] Other		
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Conveying Party(ies) Name (line 1) Brice FELDEN Name (line 2) a citizen of the United States of A Second Party Name (line 1) Name (line 2)	[] Mark if additional names of conveying parties attached Execution Date America January 28, 2002 Execution Date		
Receiving Party Name (line 1) UNIVERSITY OF UTAH Name (line 2) an institution of higher learning of the state Address (line 1) with a place of business at Address (line 2) 615 Arapeen Drive, Suite 110 Address (line 3) Salt Lake City, Utah 84108	[] Mark if additional names of receiving parties attached		
Domestic Representative Name and Address Name: Jeffrey L. Ihnen Address (line 1): Rothwell, Figg, Ernst & Manbeck Address (line 2): 555 13th St., N.W. Address (line 3): Suite 701-East Address (line 4): Washington, D.C. 20004	Enter for the First Receiving Party only.		
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02/22/2002 UEDUVIJE 00000108 09958206 03 FC:581 40.00 OP

> PATENT REEL: 012685 FRAME: 0243

Form PTO-1619B		Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Name: Jeffrey L. Ihnen Address (line 1): Rothwa Address (line 2): 555 13 Address (line 3): Suite 7 Address (line 4): Washin	ell, Figg, Ernst & Manbeck th St., N.W. '01-East		Area Code and Telephone Number: 202/783-6040
	Enter the total number of pincluding any attachments	_	hed conveyance document # 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 Numb	per(s):	Pate	ent Number(s):
09/958,206			
If this document is being filed together with a <u>new</u> Patent Application, enter the date of the patent application was signed by the first named executing inventor.			
Enter PCT application only if a U.S. Applicat has not been assigned	Number ion Number	PCT	
Number of Properties			Enter the total number of properties involved. #1
Fee Amount		Fee	Amount for Properties Listed (37 CFR 3.41): \$40.00
Method of Payment: X 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 X No			diliber: 02 2 100
Statement and Signati	ıre		
	nowledge and belief, the true copy of the original ning 7	e foregoing information document. Character of Signature	mation is true and correct and any rges to deposit account are authorized, 20 February 2002 Date

PATENT REEL: 012685 FRAME: 0244

ASSIGNMENT

WHEREAS, I, Brice FELDEN, a citizen of the United States of America, residing at Le Presbytŝre, 35360 Le Lou du Lac, France, am the inventor of an invention in EUBACTERIAL tmRNA SEQUENCES AND USES THEREOF, for which I have executed an application for Letters Patent of the United States, serial number 09/958,206, filed 05 October 2001, filed as the U.S. National Phase of International Application No. PCT/US00/08988, having an international filing date of 06 April 2000; and

WHEREAS, UNIVERSITY OF UTAH, an institution of higher learning of the state of Utah, with a place of business at 615 Arapeen Drive, Suite 110, Salt Lake City, Utah 84108, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said Brice FELDEN, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said UNIVERSITY OF UTAH, its successors, legal representatives and assigns, the 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 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 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 I hereby authorize and request 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 UNIVERSITY OF UTAH, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said UNIVERSITY OF UTAH, its successors, legal representatives and assigns, any facts known to me 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 generally do everything possible to aid the said UNIVERSITY OF UTAH, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

PATENT RECORDED: 02/20/2002 REEL: 012685 FRAME: 0245