

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	EXECUTIVE ORDER 9424, CONFIRMATORY LICENCE
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Washington State University Research Foundation	10/15/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	National Science Foundation
<b>Street Address:</b>	4201 Wilson Blvd.
<b>Internal Address:</b>	rm 1265
<b>City:</b>	Arlington
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	22230
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	60192266
Application Number:	09820096
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)292-9041
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>
<b>Phone:</b>	703-292-8060
<b>Email:</b>	sbattle@nsf.gov
<b>Correspondent Name:</b>	Robin C. Fritsch
<b>Address Line 1:</b>	4201 Wilson Blvd.
<b>Address Line 2:</b>	rm 1265
<b>Address Line 4:</b>	Arlington, VIRGINIA 22230
<b>NAME OF SUBMITTER:</b>	R. Fritsch
<b>Total Attachments: 3</b> source=Conf_lic49974#page1.tif source=Conf_lic49974#page2.tif source=Conf_lic49974#page3.tif	

**PATENT**

Washington State University **Research Foundation**

October 17, 2001

Via certified mail; return receipt requested

Dr. George Stone  
EITRB/OPERA/OER/OD/NIH  
Suite 1040  
6705 Rockledge Dr.  
MSC 7980  
Bethesda, Maryland 20892

RE: WSURF Ref. No.: 544  
Institution Code: WSU  
Invention Title: Aryl Propenal Double Bond Reductase  
Funding Agency: National Science Foundation ("NSF")  
Funding Reference: MCB 9976684  
Lead Inventor: Norman Lewis, Ph.D.  
Date Disclosed: 03/26/2000  
Prosecution History:  
U.S. Prov. App. No.: 60/192,266 Filing Date: 03/27/2000  
U.S. App. No.: 09/820,096 Filing Date: 03/27/2001  
PCT App. No.: PCT/US01/09775 Filing Date: 03/27/2001

Dear Dr. Stone:

In compliance with the invention reporting requirements mandated by 37 CFR § 401.14, the purpose of this letter is to inform the National Science Foundation ("NSF") that the above-referenced invention was disclosed to the Washington State University on March 26, 2000. Please be advised that no "formal" invention disclosure form was received by this office for the above-referenced invention. Please refer to the enclosed patent applications in lieu of a formal invention disclosure.

This letter shall also serve to inform the NSF that the Washington State University Research Foundation ("WSURF") has elected title to the above-referenced invention.

Please find enclosed a copy of U.S. Provisional Patent Application No. 60/192,266 and a corresponding filing receipt which shows the provisional patent application was filed on March 27, 2000 in the U.S. Patent and Trademark Office ("USPTO"). In compliance with 37 CFR § 401.14 (f) (4), please note that the U.S. provisional patent application cover sheet contains a statement acknowledging governmental support.

U.S. Patent Application No. 09/820,296 was filed in the USPTO on March 27, 2001. Enclosed is a copy the utility application and a corresponding filing receipt. Please note that this patent application also contains a statement acknowledging governmental support.

1610 N.E.  
EASTGATE BLVD.  
PULLMAN, WA  
99163  
509-335-5526  
FAX 509-335-7237

**PATENT**  
**REEL: 019894 FRAME: 0878**

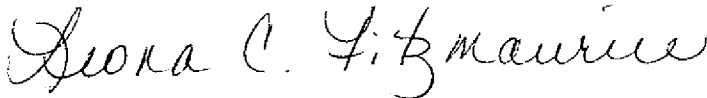
Dr. George Stone  
October 17, 2001  
Page 2 of 2

Additionally, an International Patent Application was filed under the Patent Cooperation Treaty ("PCT") on March 27, 2001 and assigned the Serial No. PCT/US01/09775.

In accordance with Public Laws 96-517 and 98-620, enclosed is a fully executed "License to the United States Government" granting the federal government rights to the invention claimed in the above-referenced patent application.

It is important that these documents be maintained as confidential in order to preserve opportunities to seek and obtain patent protection, as well as license this invention. This office is limited in staff, and we are now reviewing federal reporting. We apologize for the delay in keeping current with respect to federal reporting requirements. If you have any questions regarding this letter, please contact me directly.

Sincerely,



Leona C. Fitzmaurice, Ph.D.  
Executive Director

Enclosures as noted

Copy (w/o enc.): Norman Lewis, Ph.D.  
George Hedge, Ph.D.

## CONFIRMATORY LICENSE

WSURF Ref. No.: 544  
Institution Code: WSU  
Invention Title: Aryl Propenal Double Bond Reductase  
Funding Agency: National Science Foundation ("NSF")  
Funding Reference: MCB 9976684  
Lead Inventor: Lewis, Norman  
Date Disclosed: 03/26/2000

Patent History:

U.S. Prov. App. No.:	60/192,266	Filing Date:	03/27/2000
U.S. App. No.:	09/820,096	Filing Date:	03/27/2001
PCT App. No.:	PCT/US01/09775	Filing Date:	03/27/2001

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award(s) from the United States Government. This document is confirmatory of:

1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisionals, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and
2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application(s).

Signed this 15<sup>th</sup> day of Oct, 2001.

WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION

By: Leona Fitzmaurice

Leona Fitzmaurice  
Executive Director  
Washington State University Research Foundation  
1610 NE Eastgate Blvd.  
Pullman, WA 99163

PATENT

RECORDED: 09/27/2007

REEL: 019894 FRAME: 0880