

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
University of California	07/24/2008
<b>RECEIVING PARTY DATA</b>	
Name:	National Science Foundation
Street Address:	4201 Wilson Blvd
Internal Address:	Room 1265
City:	Arlington
State/Country:	VIRGINIA
Postal Code:	22230
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	11169500
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(703)292-9041
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	nsfpatents@nsf.gov
Correspondent Name:	National Science Foundation
Address Line 1:	4201 Wilson Blvd
Address Line 2:	Room 1265
Address Line 4:	Arlington, VIRGINIA 22230
NAME OF SUBMITTER:	Robin Clay Fritsch
Total Attachments: 1 source=14#page1.tif	

# License to the United States Government

Sign and Fax this to (301) 480-0272

Invention Title: METHOD FOR PULSE SHAPE DESIGN FOR OFDM

Inventor(s): Arogyaswami Paulraj ,Thomas Strohmer

U.S. Filing/Issue Date: 08/28/2005 Patent or Application Serial No.: 11/169,500

Grant/Contract Number(s): 9973373

Foreign Applications filed/intended in (countries): None

UC Case Number : 2004-573-2

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, FAR 52.227-11** or **FAR 52.227-12** (if applicable) which are included among the terms of the above identified grant or contract award from the United State 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 divisions, 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 that are applicable to the award.

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

Signed this \_\_\_\_24rd\_\_\_\_ day of \_\_\_\_July\_\_\_\_, 2008\_\_.

By \_\_John Shih, Ph.D.\_\_\_\_\_  
(Name of Grantee/Contractor Official)

  
\_\_\_\_\_  
(Signature)

Title: Business Development & Manager, Patent Prosecution

For UNIVERSITY OF CALIFORNIA  
(Grantee/Contractor Organization)

At 1111 Franklin Street 5th Floor Oakland, CA 94607 US  
(Business Address)