Substitute PTO-1595 (Rev. 10/02)

06-10-2004

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

<u>(e') 09</u> 102762433		
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
Name of conveying party(ies)	Name and address of receiving party(ies)	
Keith W. Jones Steve Fuchs	The United States of America as represented by the Secretary of the Air Force	
	Internal Address: AFMCLO/JAZ	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Bldg 11, Room 100	
<ul><li>3. Nature of conveyance:</li><li>☑ Assignment</li><li>☐ Merger</li></ul>	Street Address: 2240 B Street	
☐ Security Agreement ☐ Change of Name	City: Wright-Patterson AFB State: OH Zip: 45433	
□ Other		
Execution Date: 01/13/2004 and 04/16/2004	Additional name(s) & address(es) attached? ☐ Yes ☒ No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)	
10/751,491		
Additional numbers attached? □ Yes ☒ No		
5. Name and address of party to whom correspondence should	6. Total number of applications and patents involved: 1	
be addressed:	7. Total fee (37 CFR 3.41)\$ 40.00	
Nomes THOMAS I WINDERT		
Name: THOMAS L. KUNDERT	□ Enclosed	
Internal Address: AFMCLO/JAZ	Authorized to be charged to deposit account	
Bldg 11, Room 100	8. Deposit account number:	
Street Address: 2240 B Street		
City: Wright-Patterson AFB State: OH Zip: 45433	AF 01-0465	
	(Attach duplicate copy of this page if paying deposit accepunt)	
DO NOT USE THIS SPACE		
9. Statement and signature.	N -	
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.		
THOMAS L. KUNDERT	Munder - 6/2/04	
Name of Person Signing	ignature Date	
Total number of pages including cover sheet, attachments, and documents:		
09/2004 LMMELLER 00000047 010465 10751491		
FC:8021 40.00 BA		

S/N: 10/751,491 Filed: 7 Jan 04

## **ASSIGNMENT**

WHEREAS I, Keith W. Jones, while employed by the Government of the United States, made jointly with Christophe Pierre, Steven L. Ceccio, John Judge and Steve Fuchs an invention entitled PROGRAMMABLE MULTI-CHANNEL AMPLITUDE AND PHASE SHIFTING CIRCUIT, described in an application for Letters Patent of the United States executed by me on the 13<sup>14</sup> day of 3004;

WHEREAS, the conditions under which the joint invention was made are such as to entitle the Government under paragraph 1(a) of Executive Order 10096, to my entire right, title and interest therein, including foreign rights; and

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the premises and other valuable considerations, I, Keith W. Jones, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto the Government of the United States, as represented by the Secretary of the Air Force, my entire right, title and interest throughout the world in and to the aforesaid joint invention described in the aforesaid application for Letters Patent of the United States, and any and all applications for patent and patents in any and all countries foreign to the United States, and all Letters Patent issuing thereon and any continuations, continuations-in-part, divisions, and reissues or extensions thereof; and all priority resulting from the filing of the aforesaid application for patent in the United States; I hereby authorize and request any official whose duty it is to issue patents to issue any patent thereon to the United States of America, as represented by the Secretary of the Air Force, and his successors, as assignee of my entire right, title and interest in and to the same, for the sole use for the full term or terms for which said patents and any continuations, continuations-in-part, divisions and reissues or extensions thereof are, or may be, granted as fully and entirely as the same would have been held by me had this Assignment not been made; and I hereby agree to execute any and all applications for Letters Patent, and to furnish all data and documents and to execute any papers which may be necessary or convenient for the preparation, filing, or prosecution of such applications, except it is understood that I shall not be subject to any out-of-pocket expense relative to such action.

> PATENT REEL: 015433 FRAME: 0326

S/N: 10/751,491 Filed: 7 Jan 04

ASSIGNMENT		
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	MMABLE MULTI-CHANNEL AMPLITUDE AND PHASE SHIFTING CIRCUIT	
Inventor(s):	Steve Fuchs	
Date Inventor(s) Executed Declaration		
Contractor:	University of Dayton Research Institute	
Contract Number:	F33615-96-C-2604	
Contractor's Invention No.:		
Air Force Invention No.:	AFD 602	
The undersigned Inventor(s) in recognition of their obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government of the United States under the above contract, hereby assign to the United States of America, as represented by the Secretary of the Air Force, their entire right, title, and interest throughout the world in and to each invention disclosed and claimed in the above U.S. patent application, made jointly with Christophe Pierre, Steven L. Ceccio and John Judge, and Keith W. Jones, an employee of the U.S. Government, and any substitution, division, continuation-in-part, or continuation of such patent application, subject to the reservation to the Contractor of any license to which the Contractor may be entitled under the above contract.  The Inventor(s) agree to assist the Contractor and the Government, upon request, by furnishing any available information and documents, performing all acts, and doing all things which may be reasonably necessary to prepare, file and		
prosecute such applications and make	e this assignment effective.	
The Contractor joins in and agrees to this assignment and, except for the reservation of any license under the above contract, relinquishes and assigns to the United States of America as represented by the Secretary of the Air Force their entire right, title, and interest throughout the world in and to such inventions, and further agrees to furnish to the Government, upon request, any available information and documents necessary for the preparation, filing, and prosecution of such applications, for patent.		
SIGNED and acknowledged be County of Montgorner	STEVE FUCHS  fore me this 16 day of April, 2004, at Dayton,  y, and State of Onco.	
	Claudette M. Mrowen	
	CLAUDETTE M. GROEBER, Attorney at Law Notary Public, State of Ohio My Commission has no Expiration Date Section 147.03 O.R.C.	

FOR THE CONTRACTOR	LINIVED SITY OF DAYTON DESEADON INSTITUTE	
Contractor:	UNIVERSITY OF DAYTON RESEARCH INSTITUTE	
By:	and I know	
,	(Signature of officer or agent)	
Date:	4/22/04	
Printed Name:	Gordon A. Sargent, Ph.D.	
Title:	Vice President for Research	
Business Address:	300 College Park Drive Dayton, OH 45469-0101	
•		
I, Danie1 J. Curran, certify that I am the	e <u>Secretary</u> of the corporation named as	
Contractor herein; that <u>Gordon A. Sargent</u> v	who signed this assignment on behalf of the Contractor was	
then Vice President for Research of said of	orporation; that said assignment was duly signed for and on	
behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.		
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	(Signature of Secretary or certifying official)	
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