PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	Y DATA				
		Name Execution Date			
Andres LARRAZA		09/30/2010			
David M. WOLFE		10/01/2010			
Jeffrey K. CATTERL	.IN	10/13/2010			
RECEIVING PARTY	DATA				
Name:	The Governr Navy	The Government of the United States of America, as represented by the Secretary of the Navy			
Street Address:	Office of Nav	val Research, One Liberty Center			
Internal Address:	875 N. Rand	lolph St., Ste. 1425			
City:	Arlington	Arlington			
	VIRGINIA				
State/Country:	VIRGINIA				
Postal Code:	22203-1995				
	22203-1995	Number			
Postal Code:	22203-1995 RS Total: 1	Number 12894815			
Postal Code: PROPERTY NUMBE	22203-1995 RS Total: 1 Type				
Postal Code: PROPERTY NUMBE Property ⁻ Application Number	22203-1995 RS Total: 1 Type : E DATA	12894815			
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Total Attachments: 6 source=20090010_assignments_larraza#page1.tif source=20090010_assignments_larraza#page2.tif source=20090010_assignments_wolfe#page2.tif source=20090010_assignments_catterlin#page1.tif source=20090010_assignments_catterlin#page2.tif

ASSIGNMENT OF INVENTION

WHEREAS I (we),

Andres LARRAZA of Prunedale, California, David M. WOLFE of Texarkana, Texas, and Jeffrey K. CATTERLIN of Salinas, California,

while employed by the Government of the United States of America, hereinafter referred to as the Government, have made an invention entitled

TERAHERTZ (THz) REVERSE MICROMAGNETRON

identified as Navy Case No. <u>20090010</u> and described in application for Letters Patent of the United States of America as executed by me (us); and

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

WHEREAS, the Government desires to obtain the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, the Government desires an option to obtain the foreign rights in and to the invention;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I (we) hereby assign and transfer to the United States of America as represented by the Secretary of the Navy the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title, and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this assignment not been made.

I (We) do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me (us) within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the

PATENT REEL: 025134 FRAME: 0421

foreign countries not exercised under the option are left to me (us) subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I (WE) hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the application and any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

<u>30 Sep 10</u> Date (Seal) Andres LARRAZA (Seal) David M. WOLFE Date (Seal) Jeffrey K. CATTERLIN Date

ASSIGNMENT OF INVENTION

WHEREAS I (we),

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I (We) do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me (us) within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an

Page 1 of 2

PATENT REEL: 025134 FRAME: 0423

application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me (us) subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I (WE) hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements or other instruments that may be necessary in the prosecution of the application and any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

Date	Andres LARRAZA	(Seal)
<u> OCT 2010</u> Date	David M. WOLFE	(Seal)
Date	Jeffrey K. CATTERLIN	(Seal)

ASSIGNMENT OF INVENTION

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I (We) do hereby also grant to the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me (us) within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an

Page 1 of 2

PATENT REEL: 025134 FRAME: 0425 application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me (us) subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

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IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).

Date	Andres LARRAZA	(Seal)
Date	David M. WOLFE	(Seal)
10/13/2010	Allan 2 Catt	(Seal)

1.10

Date

Jeffrey K. CATTERLIN

Page 2 of 2