12-06-2005

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Form PTO-1595 (R OMB No. 0651-002)	7 (exp. 6/30/2005)			U.S. Pa	RTMENT OF COMMERCE atent and Trademark Office
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To the director of the U.S. Patent and Trademark Office: : Please record the attached documents or the new address(es) below ⊃ 💆					
1. Name of conveying party(ies)			,	ress of receiving pa	
Michael D. Bramson				,	17,
Paul R. Ashley Geoffrey A. Lindsay			Name: Secretary of the Navy — ===================================		
			Internal Address:	Office of Naval Rese Office of Counsel, Co	
Additional name(s) of conveying party(ies)attached? Yes No			Street Address:	875 North Randolph	Street
3. Nature of conveyance/Execution Date(s):			İ	•	
Execution Date(s): 11/17/2005			City:	Arlington	
			State:	VA	
☐ Government Interst Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other			Country: USA	Zip: 22203	I-1995
☐ Merger ☐ Change of Name			Additional name(s) & a	address(es) attached?	Yes X No
4. Application	number(s) or patent numb	per(s): N This	s document is bein	g filed together with a	new application.
A. Patent Application No. (s)			B. Patent No.	(s)	
Navy Case No. 97759					
Serial No.					
Additional numbers attached? Yes No					
5. Name and address of party to whom correspondence concerning document should be mailed:			6. Total number involved:	of applications and p	patents
Name:	NAWCWD Code K00000	D	7. Total fee (37	CFR 1.21(h) & 3.41)	\$40.00
Internal Address: Attn: Charlene A. Haley			be charged by credit	card	
Street Address:	reet Address: 1 Administration Circle Stop 1009		X Authorized to be charged to deposit account		
City:	China Lake		Enclosed None require	d (government interes	t not affecting title)
State:	CA Zip Code: 9358	55-6100	8. Payment Information		
Phone Number:	none Number: (760) 939-4177		a. Credit Card Last 4 Numbers Expiration Date		
Fax Number:			b. Deposit Account Number50-0931 Authorized User NameNAWCWD-China Lake/Pt. Mugu		
Email Address:					
9. Signature:	au a By			23 Nov 20)05
1	`	gnature		Date	
2/05/2005 DBYRNE	0060076=760931 Hale200066 Name of Person S	Reg. 52,983		Total number of pages inc	cluding cover

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sheet, attachments, and documents:

REEL: 017291 FRAME: 0188

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Navy Case No. 97630

ASSIGNMENT

WHEREAS, we, Michael D. Bramson of Ridgecrest, California; Paul R. Ashley of Toney, Alabama; and Geoffrey A. Lindsay of Ridgecrest, California, while employed by the Government of the United States, have invented certain new and useful improvements in:

POLYMER PHASE MODULATOR

identified as Navy Case No. 97630, described in application for Letters Patent of the United States of America executed by us on November 17, 2005; and

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; 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, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the promises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the Government 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 to be held by the Government 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 us had this assignment not been made.

We do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights exercised under the option are left to us subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

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 of 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, we have set our hand and affixed our seal.

Date 17 Nov 05

MICHAEL D. BRAMSON

Date 11/17/2005

GEOFFREY A. LINDSAY

RECORDED: 11/23/2005

PATENT REEL: 017291 FRAME: 0189