FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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U.S. Department of Commerce Patent and Trademark Office

**PATENT** 

S. PT 525

07/29/04

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Conveying Party(ies)	Mark if additional names of cor	nveying parties attached Execution Date  Month Day Year		
Name (line 1) CADOTTE Jr., Roland		7/26/2004		
Name (line 2)		Execution Date		
Second Party Name (line 1)		Month Day Year		
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Receiving Party  Mark if additional names of receiving parties attached				
Name (line 1) Lockheed Martin Corporation	1) Lockheed Martin Corporation  If document to be recorded is an assignment and the receiving party is not			
Name (line 2)		domiciled in the United States, an appointment of a domestic		
Address (line 1) 6801 Rockledge Drive	representative is attached			
Address (line 2)		Assignment.)		
Address (line 3) Bethesda	MD	20817		
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**PATENT** 

REEL: 015633 FRAME: 0504

FORM PTO-10 Expires 06/30/99 OMB 0651-0027	619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspond	ent Name and Address	Area Code and Telephone Number	609-919-4453
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Pages	Enter the total number of pagincluding any attachments.	ges of the attached conveyance docum	ent # 2
Application	Number(s) or Patent Nur	nber(s) Mark if	additional numbers attached
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If this document is	s being filed together with a new Pat	ent Application, enter the date the patent applica	Month Day Year 7/26/2004
	eration Treaty (PCT)		
Ente only	er PCT application number if a U.S. Application Number not been assigned.	PCT PCT PCT	PCT PCT
Number of P	roperties Enter the total	number of properties involved. #	1
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41): \$	40.00
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		Deposit Account Number: #	50-2061
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Statement a	nd Signature		
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,	William H. Meise	William Mene Signature	7/29/2004
Name	of Person Signing	Signature	Date

PATENT REEL: 015633 FRAME: 0505

## **ASSIGNMENT**

WHEREAS,I, Roland Cadotte, Jr. (hereinafter referred to as ASSIGNOR(S) have invented certain inventions relating to MULTIBIT PHASE SHIFTER WITH ACTIVE AND PASSIVE PHASE BITS, AND ACTIVE PHASE BIT THEREFOR and,

WHEREAS, Lockheed Martin Corporation, a corporation organized under the laws of the State of Maryland, having a place of business at 6801 Rockledge Drive, Bethesda, Maryland 20817 (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire interest in, to and under said inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE of valuable consideration to ASSIGNOR, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR(S) hereby sell, assign, and transfer to ASSIGNEE and the successors, assigns and legal representatives of the ASSIGNEE all of ASSIGNOR'S right, title and interest in and to said inventions and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and all of ASSIGNOR'S right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries, and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions, renewals, and reexaminations thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties;

ASSIGNOR(S) request that any and all patents for said inventions be issued to said ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

ASSIGNOR(S) authorize and empower the said ASSIGNEE, its successors, assigns and legal representatives to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from ASSIGNOR(S).

ASSIGNOR(S) hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said ASSIGNEE, its successors, assigns, and legal representatives, to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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ASSIGNOR(S) agree that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNOR(S) will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions, renewals, and reexamination thereof and any legal equivalent thereof in a foreign country, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings and any legal equivalent thereof in a foreign country; communicate to said ASSIGNEE, its successors, assigns, and legal representatives, all facts known to the ASSIGNOR(S) relating to said inventions and the history thereof; and generally do everything possible which said ASSIGNEE, its successors, assigns or legal representatives, shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents on said inventions in said ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR(S) covenant with said ASSIGNEE, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that ASSIGNOR(S) have full right to convey the same as herein expressed.

Signed at <u>Mt. Laurel</u> , NJ, USA (City, Province or state, country)	
Poll Cott	7/26/04
Roland Cadotte, Jr.	(Date)
WITNESS:  (Please Print Name)	
Kin Thym	7/26/04
(Signature)	(Date) /
WITNESS:	
Coleen M. GILSenan (Please Print Name)	1/26/04
Calcin M. Glorian	

RECORDED: 07/29/2004