Docket No.: 41992-00635 01-28-2003 ORM PTC-1595 (Modified) U.S. DEPARTMENT OF COMMERCE Rev:03-01 Patent and Trademark Office OMB No. 0€51-0027 (exp.5/31/2002) 208A/REV03 102349535 Fab settings 🔷 🔷 🔷 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. . Name of conveying party(ies): 2. Name and address of receiving party(ies): LANCE A. WOOD Name: LOCKHEED MARTIN CORPORATION o Address: 6801 ROCKLEDGE DRIVE ☐ Yes ☒ No Additional names(s) of conveying party(ies) 3. Nature of conveyance: △ ssignment ☐ Merger City: BETHESDA Security Agreement ☐ Change of Name State/Prov.: MD ZIP: 20817 Country: USA ☐ Cther Exect tion Date: 6/3/2002 ☐ Yes Additional name(s) & address(es) ⊠ No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: Patent Application No. Filing date B. Patent No.(s) ☐ Yes ☒ No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: JAMES L. JOHNSON 7. Total fee (37 CFR 3.41):....\$ 40.00 Reg stration No. 34,193 ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: MARSH FISCHMANN & BREYFOGLE LLP Authorized to be charged to deposit account 3151 SOUTH VAUGHN WAY, SUITE 411 8. Deposit account number: 50-1216 City AURORA State/Prov.: CO ZIP: 80014 (Attach duplicate copy of this page if paying by deposit accumnt) Country: USA DO NOT USE THIS SPACE 푱 ⊕. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copylis a true contains

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Total number of pages including sever sheet, attachments, and

Signature

of the original document.

JAMES L. JOHNSON

Name of Person Signing

PATENT

Date

2

REEL: 013687 FRAME: 0359

	Assignment of Rights, Title and (Multiple inventors; sir	Docket No. 41992-00429			
This is an As	signment of the following rights, title a	and interest: (check all that apply):			
\boxtimes	United States of America rights, title and interest in the invention				
\boxtimes					
\boxtimes					
	Date of Execution: 8/3/01	Date of Filing: 8/6/01			
\boxtimes	United States Provisional Patent Application Serial No. 60/227,048				
	United States Patent No(s).				
	International (PCT) Patent Application Serial No.				
	Other (specify)				
Title of the I	nvention		,		
nventors (as	WAVEGUIDE-BASED WAVELENGTH (
	Name	Address			
LANCE A. WOOD		1055 WINTER PARK DRIVE, WINTER PA	ARK, CO 80482		
:					
4 (signee					
	Name	Address			
OCKHEE	D MARTIN CORPORATION	6801 ROCKLEDGE DRIVE, BETHESDA,	MD 20817		

[Page 1 of 3 |

AS03A/REV01

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 41992-00429

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

'nventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Signature/Date

[Page 2 of 3]

PATENT

REEL: 013687 FRAME: 0361

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No. 41992-00429

(Although notarization is n	not necessary, it will be c	Notarization considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)
	day of Ju	ne, in the year 2002
at		Lay'ardead
State of Coloras		(Signature of Inventor)
County of Jeffe		TOURSEE. AND
Before me personally appeare who acknowledged the foreg execute the same this	oing instrument to	be a free act and deed and also represented that he or she is authorized to
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[Page 3 of 3]

PATENT REEL: 013687 FRAME: 0362