SUBSTITUTE	MIND Y-	13.44 NECEIVEN	
FORM PTO-1595	R 08-18-1	U.S. DEPARTMENT OF COMMERC	
		AUG 3 //	
To the Honorable Commissioner of	<u></u>	attached original documents or copy thereof.	
Name of conveying party(ies):	1011198		
MELVIN C. OHMER		Name: United States Air Force	
DAVID E. ZELMON		Internal Address: AFMC LO/JAZ, Bldg 11, Rm 100	
JONATHAN T. GOLDSTEIN		Street Address: 2240 B Street	
Additional name(s) of conveying party(ies) a	attached? □ Yes 区 No	City: Wright-Patterson AFB	
3. Nature of conveyance:		State: Ohio ZIP: 45433-7109	
☑ Assignment☐ Security Agreement☐ Other			
Execution Date(s): June 9			
		}	
▼ This instrument should be reco tal register in accordance with S		Additional name(s) & address(es) attached? ☐ Yes ☒ No	
4. Application number(s) or paten	t number(s):		
If this document is being filed toge	ether with a new application,	the execution date of the application is:	
A. Patent Application No.(s)	,	B. Patent No.(s)	
A. Taterit Application No.(3)		B. Faterit No.(5)	
09/360,82	25	1	
5. Name and address of party to v	Additional numbers atta	ached? ☐ Yes 图 No 6. Total number of applications and patents involved:	
concerning document should b		o. Total number of applications and patents involved.	
		1	
Name at The case of	IZ d a d	7 7 1 1 (07 050 0 14)	
Name: Thomas L. Internal Address: AFMC LO/		7. Total fee (37 CFR 3.41)\$ 40.00	
Bldg 11, R		☐ Enclosed ☐ Authorized to be charged to deposit account	
Street Address: 2240 B Str		Deposit account number:	
City: Wright-Patterson A		AF 01-0465	
	ZIP:45433-7109		
	10 100 1 100	(Attach duplicate copy of this page if paying by deposit account)	
99 BCDOTEC ASSASSES		Threat adplicate copy of this page it paying by deposit account	
99 DCOATES 00000077 010465 09360825	DO NOT US	E THIS SPACE	
1 40.00 CH	DO NOT US		
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9. Statement and signature.			
40.00 CH9. Statement and signature.To the best of my knowledge at		E THIS SPACE	
9. Statement and signature. To the best of my knowledge accopy of the original document.		E THIS SPACE	
9. Statement and signature. To the best of my knowledge a copy of the original document. THOMAS L. KUNDERT Name of person signing		formation is true and correct and any attached copy is a true S 10 99 Date	

S/N: 09/360,825 Filed: 26 Jul 99

ASSIGNMENT

States of America, made an ir MATERIALS, described in an ap June	nvention entitled <u>UTILIZATIO</u> oplication for Letters Patent of 1999, and the <u>9th</u> day of 1999, respectively;	the United States executed by us on June, 1999, a was made are such as to entitle the eand interest therein, including foreign	NONLINEAR OPTIC the 9th day of and the 9th day day day day day
	_	of the Government to obtain an opti	
rights;	3 3 , 1 ,		
other valuable considerations, Wand transferred, and by these represented by the Secretary of its territories and dependencies, Patent of the United States, an extensions thereof; We hereby United States of America, as repright, title and interest in and to the sole use for the full term or extensions thereof are, or may Ohmer, David E. Zelmon and Jounto the United States of America and interest in our invention or a which the United States of Americany further consideration; provide exercised by written notice to use covering our invention, within eight foreign rights not exercised under the United States of America in power to issue sublicenses for use the United States of America; are execute any and all applications which may be necessary for the	Ve, Melvin C. Ohmer, David E. presents do sell, assign, and the Air Force, the entire right, in and to the aforesaid joint in all Letters Patent issuing the authorize and request the corresented by the Secretary of the same throughout the United or terms for which said Letters be, granted as fully and entire terms for which said Letters be, granted as fully and entire terms for which said Letters be, granted as fully and entire terms for which said Letters be, granted as fully and entire terms for cause to be filed as represented by the Secretary for Letters Patentica may file or cause to be filed ded, however, that this grant of swithin 8 months of the filing ght months from the declassificater the option are left to me suit any patent which may issue of the United State and we, Melvin C. Ohmer, Davis for Letters Patent, and to further preparation or filing of such decrease.	it known that for and in consideration. Zelmon and Jonathan T. Goldstein, transfer unto the Government of the title and interest throughout the Uniter invention described in the aforesaid a mereon and any continuations, division missioner of Patents to issue said the Air Force, and his successors, as a states of America, as its territories are Patent and any continuations, division the patent and any continuations, division the same would have been here as t	have sold, assigned, as United States, as a States of America, application for Letters ons, and reissues or Letters Patent to the assignee of the entire and dependencies, for ons and reissues or eld by us, Melvin C. do hereby also grant as all of the right, title the United States in out payment to us of the invention must be states Letters Patent or is later, and that all oyalty-free license to country, including the the foreign policies of the execute any papers ament to exercise its
	-	Melven C Ohm	er
SIGNED and acknowledge of Patterson AFI	ged before me this <u>GUh</u> day B, County of <u>MonU</u>	of, 1999,	, at
(Seal) In and Fo	BIGL, Notary Public r the State of Ohio – on Expires May 26, 2003	Notary Public	, e.g.(
unto the United States of Americand interest in our invention or a which the United States of Americany further consideration; provide exercised by written notice to u covering our invention, within eight foreign rights not exercised under the United States of America in power to issue sublicenses for us the United States of America; an execute any and all applications which may be necessary for the option granted hereunder, except to such action. SIGNED and acknowledge the subject of the option of t	ca as represented by the Secretal applications for Letters Paterica may file or cause to be filed, however, that this grant of swithin 8 months of the filing of the option are left to me subtant patent which may issue of see in behalf of the United State and we, Melvin C. Ohmer, Davis for Letters Patent, and to fur preparation or filing of such do it it shall be understood that we ged before me this	etary of the Air Force, the option to take ent thereon in all countries foreign to d, applications for Letters Patent, with if an option to take foreign rights in the date of any application for United Stration of the joint invention, whichever be expected a nonexclusive, irrevocable, reports and joint invention in any foreign of soft America and/or in furtherance of the ide. Zelmon and Jonathan T. Goldstraish all data and documents and to expensive applications, or for the Government of the subject to any out-of-poor shall not be subject to any out-of-poor metals.	te all of the right, title the United States is out payment to us one invention must be states Letters Paten is later, and that a coyalty-free license to country, including the foreign policies of execute any papers ment to exercise its cket expense relative

David E. Zelmon	
SIGNED and acknowledged before me this $\frac{gth}{dt}$ day of $\frac{dth}{dt}$ day of $\frac{dt}{dt}$	
Wright-Patterson AFB, County of Mortgomery, and State of Ohio.	
(Seal) LINDA L. BIGL, Notary Public In and For the State of Ohio My Commission Expires May 26, 2003 Notary Public	
The Told.	
Jonathan T. Goldstein	
SIGNED and acknowledged before me this <u>ITh</u> day of <u>June</u> , 1999, at <u>line</u>	<u>ht</u>
Polterion and Force Bone, Country of Montgomery, and State of Ohio.	
(Seal) Crecked Dock Constant Notary Public GERALD B. HOLLINS, Afterney at Law In and for the State of Oldo My Commission Has the Expiration Date. Q. R. C. Sec. 147.03	