SUBSTITUTE REC 101449180

U.S. DEPARTMENT OF COMMERCE
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FORM PTO-15	595 	10144	19180	•	ſ	Patent and Trademark Office
To the Ho	onorable Commissioner of Patents	s and Trademarks:	Please red	cord the attached of	original docum	ents or copy thereof
i. Name of	conveying party(les):	_ ~ / ∂\	2. Nan	ne and address o	of receiving p	arty(ies):
	nics Corp. 1-97-C-0060	1 2 200 S	Name:	United St		·
	(s) of conveying party(ies) attached	Mes No	Internal	Address: 377	ABW/JAN	
3. Nature o	f conveyance:		Street A	ddress: 2251	Maywell	Avo ce
☐ Assiç ☐ Secu 図 Othe		erger hange of Name	City:	Kirtland		Ave., SE
·	·		State:	NM	Zip:	87117-5773
Execution Da	ote(s): 06 26 2000		[
This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1).			Additional name(s) & address(es) attached? 口 Yes 図 No			
4. Application	on number(s) or patent number	(s):			_	
If this docu	ument is being filed together with a	a new application, t	he executio	on date of the appli	ication is:	
A. Patent Application No.(s):			B. Patent No.(s):			
6,031,8 Filed: 0	02 29 2000	litional numbers attac	hed? □ Y	∕es ⊠ No		
	d address of party to whom corning document should be mailed:	respondence		number of applica	tions and pater	nts involved:
			1			
Name: Kei			7. Total	fee (37 CFR 3.4	.1)\$	<u> </u>
Street Addres		e. SE		Enclosed	×	Not applicable
				instrument to be title (37 CFR 7.		s not an instrument j)).
City: Ki:	rtland AFB					
State: NM	ZIP: 87117	- 5773	•	osit account numl suplicate copy of th		ng by deposit account)
	Andrews and the second	DO NOT USE	THIS SPA	ACE		
9. Statemen	t and signature.		11			
	st of my knowledge and belief, e original document.	the foregoing info	ormation is	true and correct	and any atta	ched copy is a true
	E. Callahan	Lewer to	Elas	Cah	08 1	6_2000
Na	ame of person signing Total number of pages including	g cover sheet, attac	Signature chments, a	nd document:	2	

PATENT REEL: 011027 FRAME: 0782

CONFIRMATORY INSTRUMENT						
1. NAME OF CONTRACTOR	2. CONTRACT NUMBER					
Photonics Corporation	F29601-97-C-0060					
3. TITLE OF INVENTION						
"Clad Pumped, Eye-Safe and Multicore Phase-Lo	ocked Fiber Lasers"					
4. NAME OF INVENTORIS						
Peter K. Cheo	·					
5. SERIAL NUMBER	6. FILING DATE					
U.S. Patent No. 6,031,850	February 29, 2000					
The invention identified above is a 'Patent rights-retention' (short form) (identified bove is a 'Patent rights-retention' (short form) (identified bove is a 'Patent rights-retention') (identified above is a 'Patent rights-retention') (identified	'Subject Invention' under Patent Rights on by the Contractor (June 1997) tify clause by title and date) included in Air Force					
This document is confirmatory of the paid-up license granted to the Government under this contract in this invention, patent application and resulting patent, and of all other rights acquired by tghe Government by the referenced clause.						
The Government is hereby grante and make copies of the above-identified Signed this 26th day of	patent application.					
(SEAL)	BY (Signature of Contractor) TITLE OF CONTRACTOR President BUSINESS ADDRESS 64 Windward Way Waterford, CT 06385					

AFSC FORM 165, NOV 89

PREVIOUS EDITION IS OBSOLETE.

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RECORDED: 08/23/2000