FORM PTO-1595 MM RECORDAT (Rev. 6-93) PA OMB No. 0651-0011 (exp. 4/94) $2 \cdot 27.01$ PA Tab settings $P \Rightarrow P \Rightarrow$	03-14-2001	U.S. DEPARTMENT OF COMMERCI Patent and Trademark Office	
To the Honorable Commissioner of Patents and Tra	101030730	al documents or copy thereof.	
1. Name of conveying party(ies):	Name and address of receiving party(ies)		
RONALD T. HOLM	Name: The United States of America as represented by the Secretary of the Navy Internal Address: CHIEF OF NAVAL RESEARCH		
RADEMART	OFF	OFFICE OF COUNSEL	
3. Nature of conveyance:	(AT	(ATTN: CODE OOCCIP)	
Assignment D Merger	Street Address: BAL	LSTON TOWER ONE	
Security Agreement Change of Name	800	NORTH QUINCY STREET	
□ Other	City: ARLINGTON	State: <u>VA</u> ZIP: <u>22217</u>	
Execution Date: 1-30-98	Additional name(s) & addre	ss(es) attached? D Yes Of Ho	
4. Application number(s) or patent number(s):			
If this document is being filed together with a new application, the execution date of the application is			
A. Patent Application No.(s)	B. Patent No.(s)	6,174,081	
		NC 78,289	
Additional numbers attached? D Yes 🛛 No			
5. Name and address of party to whom correspondence	6 Total number of applica	tions and patents involved:	
concerning document should be mailed:			
Name: ASSOCIATE COUNSEL (PATENTS)	7. Total fee (37 CFR 3.41	7. Total fee (37 CFR 3.41)\$ 40.00	
Internal Address: <u>NAVAL_RESEARCH_LABORATORY</u>			
(ATTN: CODE 1008.2)	Authorized to be charged to deposit account		
Street Address: 4555 OVERLOOK AVENUE, S.W.	8. Deposit account number: 50-0281		
City: WASHINGTON, DC_State:ZIP: 20375_	(Attach duplicate copy of this	s page if paying by deposit account)	
DO NOT USE THIS SPACE 03/13/2001 JJALLAH2 00000008 500281 6174081			
9. Statement and signature. To the best of my knowledge and belief, the foregoing infon the original document.	mation is true and correct and a	any attached copy is a true copy of	
JOHN J. KARASEK Reg. No. 36,182	<u>ki</u>	2/26/07	
Name of Person Signing	Signature g cover sheet, attachments, and docur	ment:	
Mail documents to be recorded with required cover sheet information to:			
Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 PATENT REEL: 011571 FRAME: 0179			

ASSIGNMENT

WHEREAS, I, Ronald T. Holm of NRL, while employed by the Government of the United States, have invented certain new and useful improvements in SPECULAR REFLECTION OPTICAL BANDGAP THERMOMETRY, identified as Navy Case No. 78,289 and described in application for Letters Patent of the United States of America executed by me on February 18, 1997; 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 premises 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 as may issue therefrom and any reissue or extensions thereof, said invention, application and 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 me had this assignment not been made.

I 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 Letters 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 six months of the filing date of any application for United States Letters Patent covering the invention, or within six months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me 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 sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I 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, I have set my hand and affixed my seal.

Donald T. Holm seal

(date) 1/30/98

Ronald T. Holm

PATENT REEL: 011571 FRAME: 0180

RECORDED: 02/27/2001