FORM PTO-1596 RECORDATI U.S. DEPARTMENT OF COMMERCE 09-25-1998 (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) Tab settings □ □ □ ▼ 100838889 To the Honorable Commissioner of Patents/and Trac. documents or copy thereof. 2. Name and address of receiving party(les) 1. Name of conveying party(ies): Alan L. Huston Name: The United States of America as Brian L. Justus represented by the Secretary of the Navy. Internal Address: CHIEF OF NAVAL RESEARCH Additional name(s) of conveying party(les) attached?

Yes

No OFFICE OF COUNSEL 9-3-98 3. Nature of conveyance: (ATTN: CODE OOCCIP) Street Address: BALLSTON TOWER ONE Assignment □ Merger 800 NORTH QUINCY STREET Change of Name □ Security Agreement City: ARLINGTON State: VA ZIP:22217 Other ___ Execution Date: 18 February 1998 Additional name(s) & address(es) attached? Q Yes XQ No 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) 09/025,033 NC 78,583 Additional numbers attached?

Yes 1 No. 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41)......\$ 40.00 Name: ASSOCIATE COUNSEL (PATENTS) Internal Address: NAVAL RESEARCH LABORATORY Enclosed (ATTN: CODE 3008.2) Authorized to be charged to deposit account Street Address: 4555 OVERLOOK AVENUE S.W. 8. Deposit account number: 04-0814 -City: WASHINGTON DC State: ZIP: 20375 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copsis true copy of the original document. THOMAS E. McDONNELL Reg. No. 26950 Name of Person Signing Total number of pages including cover sheet, attachments, and document:

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Whereas We, Alan J. Huston, Brian L. Justus, of Springfield, Virginia, while employed by the Government of the United States of America, hereinafter referred to as the Government, have made an invention entitled OPTICALLY STIMULATED LUMINESCENT FIBER OPTIC RADIATION DOSIMETER, identified as Navy Case No. 78,583 and described in application for Letters Patent of the United States of America executed by us on 19 18; 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, the Government is desirous of obtaining the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and

WHEREAS, as to foreign rights, the Government desires an option to obtain such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, We hereby assign and transfer to the United States of America as represented by the Secretary of the Navy 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 United States of America as represented by the Secretary of the Navy 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 us had this assignment not been made.

We do hereby also grant unto the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me us within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to ussubject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the 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.

We 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.

____(Seal) Date: 18 February 1998

(Seal) Date: 18 February 1998

IN TESTIMONY WHEREOF, We have set our hands, and affixed our seals.

Alan L. Huston

Brian L. Justus

RECORDED: 09/03/1998

REEL: 9466 FRAME: 0292

PATENT