

Form PTO-1595 (Rev. 03/05)  
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PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Alberto Figue Douglas B. Chrisey  
Raymond Auyeung Huey-Daw Wu  
James Fitzgerald

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 7/13/00; 7/16/00; 7/26/00 & 2/22/00

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: The U.S.A. as represented by the Secretary of the Navy

Internal Address: Chief of Naval Research

Office of Counsel (ATTN: CODE OOCGIP)

Street Address: One Liberty Center

875 North Randolph Street

City: Arlington

State: VA

Country: \_\_\_\_\_ Zip: 22203

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

10/631,215  
NC 84,952

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Associate Counsel (PATENTS)

Internal Address: Naval Research Laboratory

(ATTN: CODE 1008.2)

Street Address: 4555 Overlook Avenue, SW

City: Washington

State: DC Zip: 20375

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 50-0261

Authorized User Name Naval Research Laboratory

**9. Signature:**

  
Signature

11/9/06  
Date

John J. Karasek  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5895, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 500281 10631215

## ASSIGNMENT

WHEREAS, I(we), Alberto Pique, Douglas Chrisey, and James Fitzgerald, of Bowie, MD, Bowie MD, and Laurel, MD, respectively, while employed by the Government of the United States, have invented certain new and useful improvements in DIRECT-WRITE LASER TRANSFER AND PROCESSING, identified as Navy Case No. 79,834 and described in application for Letters Patent of the United States of America executed by me(us) on July 11, 2000 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(we) 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(us) had this assignment not been made.

I(We) 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 eight months of the filing date of any application for United States Letters Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me(us) 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(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.

IN TESTIMONY WHEREOF, I(we) have set my(our) hand(s) and affixed my(our) seal(s).


Date: 7/13/00

  
 \_\_\_\_\_ Seal  
 Alberto Pique

Date: 7/16/00

  
 \_\_\_\_\_ Seal  
 Douglas Chrisey

Date: 7/26/00

  
 \_\_\_\_\_ Seal  
 James Fitzgerald

PATENT

REEL: 018495 FRAME: 0448

### Assignment

<b>Title</b> DIRECT-WRITE LASER TRANSFER AND PROCESSING		
<b>Inventor(s) (Name)</b> Alberto Pique Raymond Auyeung James Fitzgerald Douglas B. Chrisey Huey-Daw Wu Paul Kydd David L. Richard	<b>Contractor</b> SFA	
	<b>Contract No.</b> N00014-97-C-2078	<b>Government Agency</b> NRL
	<b>Contractor Invention Docket No.</b>	<b>Agency Docket No.</b> Navy Case 79,834
	<b>Date Executed</b>	<b>Serial No</b> 60/144,662
		<b>Filing Date</b> 7/19/99

The undersigned inventor(s), in recognition of his (their) obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligation of the Contractor to the Government under the above contract, hereby assigns (assign) to the United States of America, subject to a nonexclusive and royalty-free license which is hereby reserved to the Contractor, all rights, title and interest in and to each invention disclosed and claimed in the above U.S. patent application and any foreign patent application that corresponds thereto.

The license reserved to the Contractor shall extend to all existing and future associated and affiliated companies, if any within the corporate structure of which the Contractor is a part and shall be assignable to the successor of that part of the Contractor's business to which such invention pertains.


The inventor(s) further agrees (agree) to assist the Contractor, and the Government, upon request, by furnishing any available information and documents, and by performing all acts and doing all things which may be reasonably necessary to make this agreement effective.


The Contractor joins in and agrees to the foregoing assignment, and except for the above reservation of a license relinquishes and assigns all right, title and interest in and to such invention, and further agrees to furnish to the United States of America, upon request, any available information and documents necessary for the prosecution of the above-identified application for patent (including prosecution and settlement of interferences), and any substitution, division, continuation-in-part, or continuation of such patent application and any application for reissue of any patent resulting from such patent application.

Feb. 22, 2000  
 Date

Feb. 22, 2000  
 Date

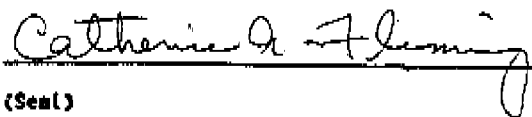
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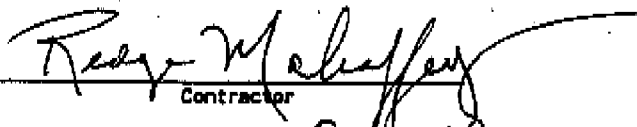
  
 Raymond Auyeung  
 Inventor

  
 Huey-Daw Wu  
 Inventor

\_\_\_\_\_  
 Inventor

Signed This 14<sup>th</sup> Day of February, 2000 2/14 2000

Attest:  
  
 \_\_\_\_\_  
 (Seal)

  
 Reginald M. Mahaffey  
 Contractor

By SFA Exec VP